

**MANUFACTURING  
RESEARCH&DEVELOPING**

CATALOGUE **69\_EN** 2026



**MICROTECH**

est. 1995

UKRAINIAN CREATIVITY 



GERMAN RELIABILITY

# 30<sup>TH</sup> ANNIVERSARY



**ONLY  
INNOVATIVE  
MEASURING  
INSTRUMENTS**

MICROTECH was established in 1995 in Kharkiv, Ukraine, initially specializing in the production of high-precision drills and supplying instruments to Ukrainian aerospace and military companies. From these beginnings, the company quickly gained a reputation for quality and reliability in demanding industries. Recognizing the growing market need for high-quality measuring instruments, in 2004 MICROTECH expanded its capabilities by founding a dedicated measuring instruments workshop, a service workshop, and its own accredited metrological laboratory.

Over the following five years, the MICROTECH brand became the leading Ukrainian name in measuring instruments, earning multiple honors including repeated recognition among the “100 Best Goods of Ukraine.” The company achieved certification under the ISO 9001:2015 quality management standard through BVQI, while its metrological laboratory obtained accreditation in accordance with ISO/IEC 17025:2017 by ILAC, further reinforcing its commitment to quality and precision.

MICROTECH operates its own specialized workshops equipped with modern machinery, alongside advanced laboratories for rigorous testing and quality assurance. The company also houses a laser engraving department and a dedicated research and development division, enabling continuous innovation and precise customization. To ensure the highest manufacturing standards, MICROTECH collaborates closely with both local and European suppliers for machine parts and electronic components, integrating the best materials and technologies into its products.

The company's innovative approach has established MICROTECH as a forward-thinking leader in the industry, known for delivering genuinely new and advanced solutions. Its products reach customers worldwide through a network of over 50 active distributors covering all continents, underscoring MICROTECH's global footprint.

In addition to high-end instruments, MICROTECH produces a wide range of mass-market digital calipers, micrometers, indicators, thickness gauges, and bore gauges that offer Excellent price-to-quality ratios. The MICROTECH brand currently commands more than 40% of the Ukrainian measuring instrument market and has significantly increased export sales since 2015, growing export volume by over eight times.

In 2024, MICROTECH expanded further by opening a new office and manufacturing department in Kyiv, which includes a newly established metrological laboratory. This Kyiv laboratory is set to receive ISO/IEC 17025 accreditation in 2025, enhancing the company's quality assurance infrastructure and service capabilities in the capital region.

In 2025, MICROTECH became a truly international company with the launch of MICROTECH Europe GmbH in Germany. This subsidiary manages the supply and servicing of MICROTECH instruments to distributors throughout the European Union, providing enhanced customer support and faster delivery, and strengthening MICROTECH's presence in the global market.





Since 2014 MICROTECH developing and patented over 130 new products and measuring solutions.

Our most popular innovative products:

- **DataMet** computerized calipers, micrometers, indicators with multifunctional MICS system with multimode Wireless data transfer adopted to Industry 4.0;
- **SwissMet** micron digital calipers with Force control for accurate and special measurements;
- Wide range and special configuration micrometers, bore gauges, thickness gauges, radius gauges;
- Calibration and measurement stands.
- **DataMet** Manual and Motorized height gauges with Touch Probe and contact 2D measuring possibilities
- Wireless & USB Data transfer solutions
- MDS software for receiving and collecting data for Windows, Android, iOS, MacOS systems.

On 2025-2026 year we added **NEW** products to our product range:

- Micrometers and micrometer heads with Non-rotating spindle and **0-50mm** measuring range
- **DataMet** indicators and gauges with Multiscale round Touchscreen display
- **DataMet** computerized indicators, micrometers, calipers, force gauges with **MODBUS RTU** data protocol
- **DataMet** Manual and Motorized height gauges with Laser Probe and 2D non-contact measuring possibilities



## 150+ PATENTS US, UA, WO



MICROTECH's manufacturing process strictly follows the ISO 9001:2015 quality management system, certified by BVQI, reflecting our commitment to delivering products that meet high-quality standards and customer expectations. We proudly produce a wide range of precision measuring instruments, including micrometers, calipers, bore gauges, and calibration and measuring stands, designed for accurate and reliable measurements across various applications.

MICROTECH use different types of electronics on instruments:

- high precision and multifunctional **DataMet** computerized electronics developed by MICROTECH
- precision and IP67 proof **SwissMet** digital electronics sourced from Switzerland
- high quality and budget-friendly **CertiMet** electronics

In production, we emphasize hand finishing of measuring surfaces on calipers, micrometers, thickness gauges, and measuring stands to guarantee precise contact points and high surface quality, essential for consistent measurements. Combining modern electronics and expert craftsmanship, MICROTECH ensures each instrument meets industry standards for precision, durability, and usability.



Bureau Veritas Certification



## PSME "MICROTECH"

39, Rustaveli Str., Kharkiv, 61001, Ukraine

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

## ISO 9001:2015

Scope of certification

**Manufacturing, calibration and delivery of industrial tools.**

|                                                   |                  |
|---------------------------------------------------|------------------|
| Original cycle start date:                        | 17 March 2005    |
| Expiry date of previous cycle:                    | 06 February 2023 |
| Certification / Recertification Audit date:       | 03 February 2023 |
| Certification / Recertification cycle start date: | 20 February 2023 |

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: **06 February 2026**

Certificate No. **UA230829** Version: 0 Revision date: **20 February 2023**

  
Olena Svyrydenko  
Signed on behalf of BVCH SAS UK Branch



Certification body address: 5<sup>th</sup> Floor, 66 Prescot Street, London E1 6HG, United Kingdom  
Local office: 5th floor, 28, Simon Petlyura St., Kyiv, 01032, UKRAINE

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call: +380 44 354 16 00

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## MANUFACTURING ISO9001:2015



MICROTECH metrological laboratory is accredited under ISO/IEC 17025:2019 and recognized by ILAC, ensuring the highest standards of accuracy and reliability in calibration services. All MICROTECH measuring instruments undergo metrological control our accredited laboratory, with calibration included at no extra cost and accompanied by a detailed calibration protocol.

Our laboratory is equipped with modern, advanced measurement equipment (Swiss, German, UK origin), enabling precise calibration of a wide range of instruments. We undergo annual re-accreditation to maintain compliance with international standards and continually improve our quality.

By choosing MICROTECH, customers receive fully calibrated and verified instruments, guaranteeing accuracy and reliability for all measurement needs.



  
**NATIONAL ACCREDITATION AGENCY OF UKRAINE**  
NATIONAL ACCREDITATION BODY OF UKRAINE

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**ACCREDITATION CERTIFICATE**

  Registered  
on February 07, 2022  
No. 40051  
valid until February 06, 2027  
Date of the Initial Accreditation: February 07, 2017

NATIONAL ACCREDITATION AGENCY OF UKRAINE  
BY THIS CONFIRMS THE COMPETENCE OF

**Calibration Laboratory of  
PRIVATE SCIENTIFIC-PRODUCTION ENTERPRISE  
«MICROTECH»**

Address of the legal entity:  
34 A Selianska Str., flat 34, Kharkiv, 61004

Address of the CAB:  
39 Rustaveli Str., Kharkiv, 61001

3 0 2 9 1 6 8 2  
(EDRPOU Code)

IN COMPLIANCE WITH THE REQUIREMENTS OF DSTU EN ISO/IEC 17025:2019  
(EN ISO/IEC 17025:2017, IDT; ISO/IEC 17025:2017, IDT) IN THE SCOPE OF:

**calibration of equipment by types of measurement:  
L – length; M – mass and related quantities.**

The scope of accreditation is defined by the Annex to this Certificate.  
The Annex is an integral part of this Certificate and consists of 08 pages.

Acting director  Sergii POPYK



Translation dated 17.02.2022  
18/7 Henerala Almazova Street, Kyiv, 01010

Registered in the logbook under No. 1310 A

NAAU is a signatory to: 1) EA BIA in the scopes of «Testing», «Calibration», «Product certification», «Certification of persons», «Management systems certification», «Inspection» and «Medical Examination»; 2) ILAC MRA in the scopes of «Testing», «Calibration», «Inspection» and «Medical Testing»; 3) IAF MLA in the scopes of «Product certification», «Certification of persons», «Management systems certification».

## CALIBRATION ISO17025:2017

## DataMet INSTRUMENTS - ROUND 1.8" TOUCHSCREEN DISPLAY

### ADJUSTABLE SCALES



COMPARATOR



ANALOG



DIGITAL



DIGITAL



**DISPLAY:** 1.8" ROUND Hi-res Touchscreen display

**READING SYSTEM:** PRECISION SWISS MADE READING SYSTEM 0.0002 or 0.0005mm resolution

### DATA TRANSFER MODES:

- WIRELESS data to MDS app (Windows, Android, MacOS, iOS)
- WIRELESS HID to any app and OS (dot/comma/symbols config)
- WIRELESS HID+MAC to any app and OS (with MAC address)
- USB HID to any app and OS (dot/comma/symbols config)
- MODBUS RTU (modifications) **NEW!!!**



### HUB CONNECTION:

- HUB (2D, Probe) synchronization (Slave device)
- HUB (2D, Probe) synchronization (Master device)

**FUNCTIONS:** GRAPHIC, SYNCHRONIZED DEVICE, TIMER, PRESET, FORMULA, RESOLUTION SELECTION, PEAK, LIMITS, GRAPHIC, MULTISCALE (4 scales)

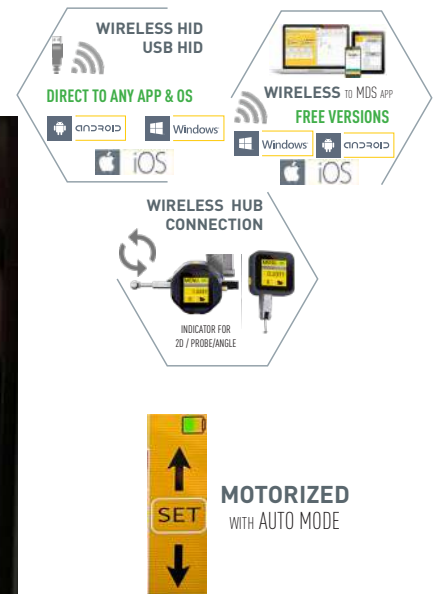
**CALIBRATION:** CALIBRATION DATE CONTROL, LINEAR ERROR COMPENSATION

**MEMORY:** 50000 values with FOLDERS, STATISTICS. Data transfer from MEMORY

**BATTERY:** RECHARGEABLE 600 mAh Li-Pol battery, USB-C charging/data socket



# DataMet INSTRUMENTS - 3.5" TOUCHSCREEN DISPLAY



**DISPLAY:** 3.5" Hi-res Touchscreen display

FOR USING ON **MOTORIZED** OR MANUAL HEIGHT GAUGES and MEASURING STANDS  
TOUCH PROBE PROBES, LASER PROBES CONNECTION for 2D / PROBE functions

**READING SYSTEM:** DIFFERENT READING SYSTEMS (STANDARD/**SWISS MADE**)

## DATA TRANSFER MODES:

- WIRELESS data to MDS app (Windows, Android, MacOS, iOS)
- WIRELESS HID to any app and OS (dot/comma/symbols config)
- WIRELESS HID+MAC to any app and OS (with MAC address)
- USB HID to any app and OS (dot/comma/symbols config)
- MODBUS RTU (modifications)



## HUB CONNECTION:

- HUB (2D, Probe) synchronization (Slave device)
- HUB (2D, Probe) synchronization (Master device)

**FUNCTIONS:** GRAPHIC, SYNCHRONIZED DEVICE, TIMER, PRESET, FORMULA, RESOLUTION SELECTION, PEAK, LIMITS, GRAPHIC, **MOTORIZED** with AUTO mode, LASER/TOUCHPROBES connection, MANUAL TEMPERATURE COMPENSATION

**CALIBRATION:** CALIBRATION DATE CONTROL, LINEAR ERROR COMPENSATION

**MEMORY:** 2000 values with FOLDERS, STATISTICS. Data transfer from MEMORY

**BATTERY:** RECHARGEABLE 2000 mAh Li-Pol battery, USB-C charging/data socket



## DataMet INSTRUMENTS - 2.0 / 2.4" TOUCHSCREEN DISPLAY



**DISPLAY:** 2.0 and 2.4" Hi-res Touchscreen displays

**FOR USING ON PRECISION MEASURING INSTRUMENTS** (calipers, indicators, micrometers)

**READING SYSTEM:** DIFFERENT READING SYSTEMS (STANDARD/**SWISS MADE**)

**FORCE CONTROL:** MODIFICATIONS with E-FORCE (1-20N, multimodes)

### DATA TRANSFER MODES:

- WIRELESS data to MDS app (Windows, Android, MacOS, iOS)
- WIRELESS HID to any app and OS (dot/comma/symbols config)
- WIRELESS HID+MAC to any app and OS (with MAC address)
- USB HID to any app and OS (dot/comma/symbols config)
- MODBUS RTU (modifications)

### HUB CONNECTION:

- HUB (2D, Probe) synchronization (Slave device)
- HUB (2D, Probe) synchronization (Master device)

**FUNCTIONS:** GRAPHIC, SYNCHRONIZED DEVICE, TIMER, PRESET, FORMULA, RESOLUTION SELECTION, PEAK, LIMITS, GRAPHIC, FW update, MANUAL TEMPERATURE COMPENSATION, E-FORCE control (modifications)

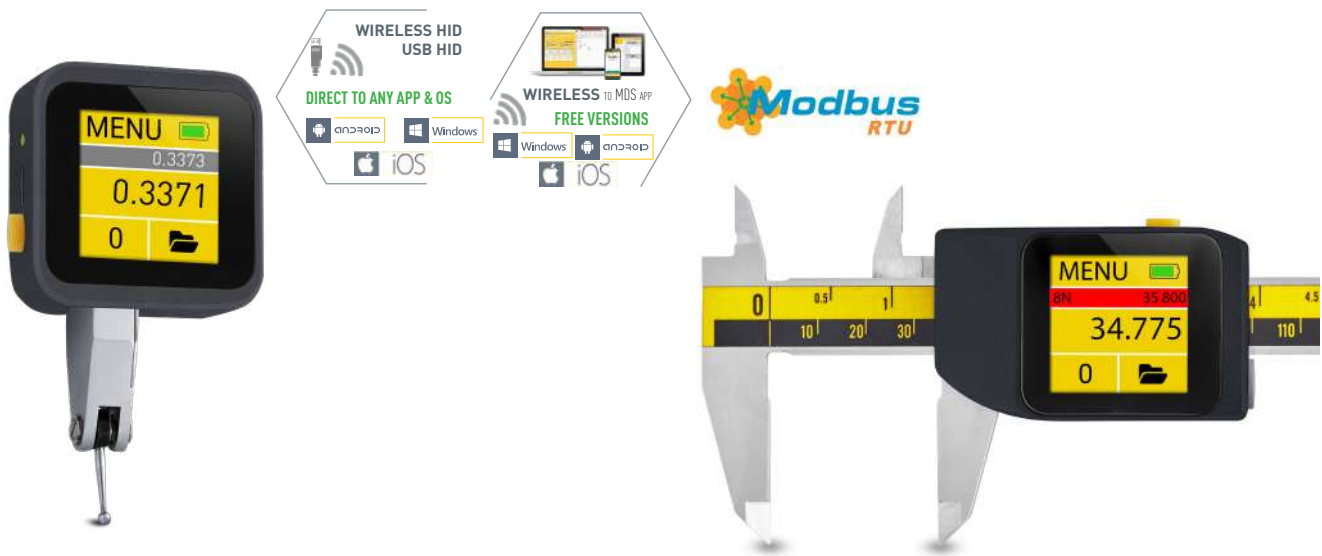
**CALIBRATION:** CALIBRATION DATE CONTROL, LINEAR ERROR COMPENSATION

**MEMORY:** 2000 values with FOLDERS, STATISTICS. Data transfer from MEMORY

**BATTERY:** RECHARGEABLE 600 mAh Li-Pol battery, USB-C charging/data socket



# DataMet INSTRUMENTS - 1.54" TOUCHSCREEN DISPLAY



**DISPLAY:** 1.54" Touchscreen displays

**FOR USING ON MEASURING INSTRUMENTS** (calipers, indicators, internal micrometers)

**READING SYSTEM:** STANDARD READING SYSTEMS

**FORCE CONTROL:** MODIFICATIONS with E-FORCE (1-20N, multimodes)

## DATA TRANSFER MODES:

- WIRELESS data to MDS app (Windows, Android, MacOS, iOS)
- WIRELESS HID to any app and OS (dot/comma/symbols config)
- WIRELESS HID+MAC to any app and OS (with MAC address)
- USB HID to any app and OS (dot/comma/symbols config)
- MODBUS RTU (modifications)



## HUB CONNECTION:

- HUB (2D, Probe) synchronization (Slave device)

**FUNCTIONS:** LIMITS, PEAK, TIMER, PRESET, FORMULA, RESOLUTION SELECTION, FW update, MANUAL TEMPERATURE COMPENSATION, E-FORCE control (modifications)

**CALIBRATION:** CALIBRATION DATE CONTROL, LINEAR ERROR COMPENSATION

**MEMORY:** 2000 values with STATISTICS. Data transfer from MEMORY

**BATTERY:** RECHARGEABLE 400 mAh Li-Pol battery, USB-C charging/data socket

# MICROTECH INSTRUMENTS FUNCTIONS

## E-INK INSTRUMENTS 2.13" E-INK DISPLAY



**DISPLAY:** 2.13" E-ink mono displays  
**ENERGY ECONOMY** (200+ working hours/ 1 charging)

**FOR USING ON MEASURING CALIPERS**

**READING SYSTEM:** STANDARD READING SYSTEMS

### DATA TRANSFER MODES:

- WIRELESS data to MDS app (Windows, Android, MacOS, iOS)
- WIRELESS HID to any app and OS (dot/comma/symbols config)
- WIRELESS HID+MAC to any app and OS (with MAC address)
- USB HID to any app and OS (dot/comma/symbols config)

**FUNCTIONS:** LIMITS, PEAK, TIMER, PRESET, FORMULA, RESOLUTION SELECTION, FW update

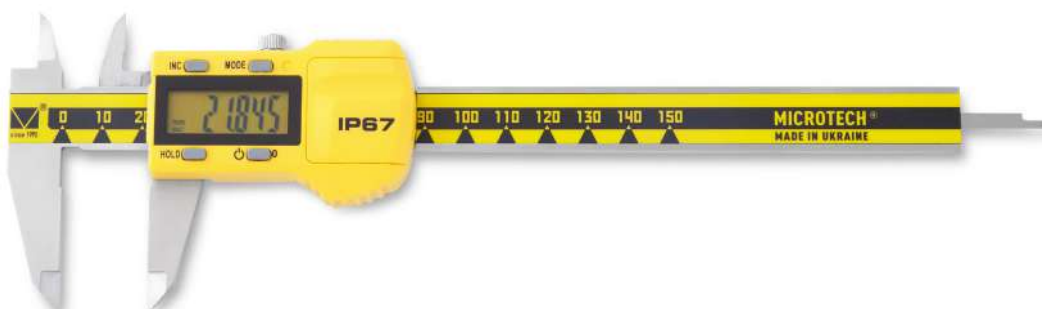
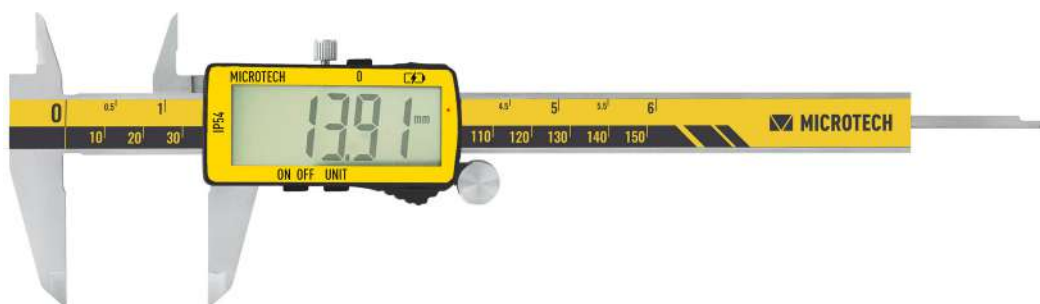
**CALIBRATION:** CALIBRATION DATE CONTROL, LINEAR ERROR COMPENSATION

**MEMORY:** 1000 values with STATISTICS. Data transfer from MEMORY

**BATTERY:** RECHARGEABLE 500 mAh Li-Pol battery, USB-C charging/data socket



# CertiMet INSTRUMENTS



**BUDGET electronics for using on calipers, micrometers, indicators with IP54, IP65, IP67 proof**

## DATA TRANSFER MODES:

- USB HID to any app and OS

**OPTIONAL FUNCTIONS:** PRESET, HOLD

**BATTERY:** CR 2032 3V

## SwissMet WIRELESS INSTRUMENTS



SWISS ELECTRONICS IP67 proof with BIG SCREEN DISPLAYS (plastic or AL casing)

**READING SYSTEM:** SWISS ELECTRONICS IP67

**RESOLUTION:** 0.01 or 0.001 mm

FOR USING ON PRECISION CALIPERS with IP67 proof

### DATA TRANSFER MODES:

- **WIRELESS** data to MDS app (Windows, Android, MacOS, iOS)
- **WIRELESS HID** to any app and OS
- **WIRELESS HID+MAC** to any app and OS (with MAC address)

**FUNCTIONS:** PRESET, HOLD, mm/inch, Error compensation, etc.

**BATTERY:** CR 2032 3V

## WIRELESS SwissMet IP67 FUNCTIONS

|                                    |                                 |                                                                                                                                   |
|------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>PrE</b><br>PRESET               | <b>Unit</b><br>mm/inch          | <b>23.45</b><br>Big display - 12mm Digit                                                                                          |
| <b>SLEEP (SIS)</b><br>Auto ON/OFF  | <b>IP67</b><br>IP 67 (IEC60529) |  <b>SWISS ELECTRONICS</b><br>Swiss electronics |
| <b>MDS APP</b><br>WIRELESS MDS app | <b>HID</b><br>WIRELESS HID      | <b>HID MAC</b><br>WIRELESS HID+MAC                                                                                                |



# MICROTECH INSTRUMENTS FUNCTIONS

## SwissMet INSTRUMENTS



SWISS ELECTRONICS IP67 proof with BIG SCREEN DISPLAYS (plastic or AL casing)

**READING SYSTEM:** SWISS ELECTRONICS IP67

**RESOLUTION:** 0.01 or 0.001 mm

FOR USING ON PRECISION CALIPERS with IP67 proof

**DATA TRANSFER MODES:**

- **S\_connect** data output to app

**FUNCTIONS:** PRESET, HOLD, mm/inch, Error compensation, etc.

**BATTERY:** CR 2032 3V

## SwissMet IP67 FUNCTIONS

|                                                                                                                     |                                                 |                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>PrE</b><br>PRESET                                                                                                | <b>Unit</b><br>mm/inch                          | <b>Hold</b><br>HOLD                                                                                                               |
| <b>SLEEP (sis)</b><br>Auto ON/OFF                                                                                   | <b>IP67</b><br>IP 67 (IEC60529)                 |  <b>SWISS ELECTRONICS</b><br>Swiss electronics |
| <br><b>S_connect</b> data output | <b>Big display - 12mm Digit</b><br><b>23.45</b> |                                                                                                                                   |







16

## DATA TRANSMISSION & SOFTWARE



146

## DEPTH CALIPERS

## CALIPERS



32

## SCALES



158

## MANUAL & MOTORIZED HEIGHT GAUGES



174

## MICROMETERS



196



256

## SNAP GAUGE

## INDICATORS



266

## DIAL GAGE STANDS



286

## THICKNESS GAUGES



294



326

## CALIPER GAUGES



334

## INTERNAL MICROMETER

## PISTOL GRIP BORE GAUGES



338



350

## BORE GAUGES

## RADIUS GAUGES



372



376

## PROTRACTORS

## LEVELS



378



380

## MEASURING STANDS

## CALIBRATION EQUIPMENT



388



394

## FORCE TESTERS AND STANDS

## PORTABLE HARDNESS TESTERS

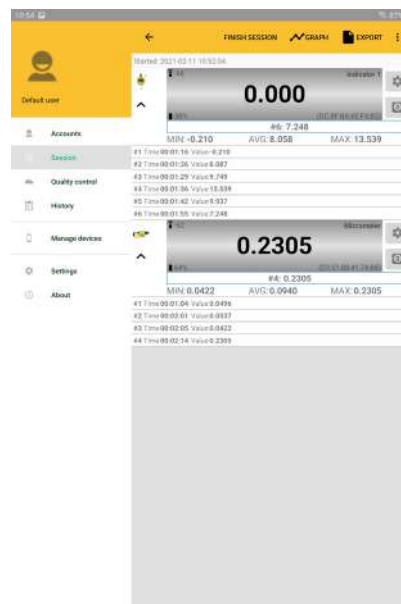


404

- **FREE** MDS application for Android
- MDS application can be downloaded on Google play
- For connection with **DataMet** / **WIRELESS SwissMet** instruments
- Standard and Energy saving mode (for **WIRELESS SwissMet** instruments)
- Up to 8 connections **DataMet** / **WIRELESS SwissMet** instruments at the same time
- Functions: Go/NoGo, Timer, Linear correction, Statistics mode, Data Export, Graphic, Voice mode, User manager, Graphical mode
- **NO USB-DONGLE REQUESTED**



|                           | MDS for Android                           |
|---------------------------|-------------------------------------------|
|                           | <b>FREE</b>                               |
|                           | 299100040                                 |
| Platform                  | Android 6.0 +                             |
| Instruments connection    | <b>DataMet</b> / <b>WIRELESS SwissMet</b> |
| Max. instruments          | 8                                         |
| mm/inch conversion        | •                                         |
| Go/NoGo functions         | •                                         |
| Graphical mode            | •                                         |
| Reading on Timer          | •                                         |
| Measuring history         | •                                         |
| Save data to xls          | •                                         |
| Save data to csv          | •                                         |
| Save graph                | •                                         |
| User manager              | •                                         |
| Instrument battery status | •                                         |
| Voice mode                | •                                         |
| Multilanguage             | 12 languages                              |



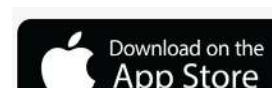


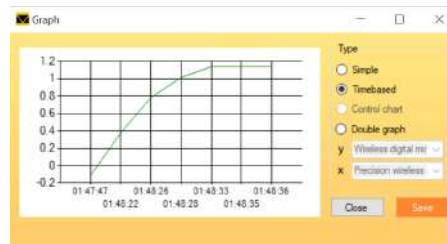
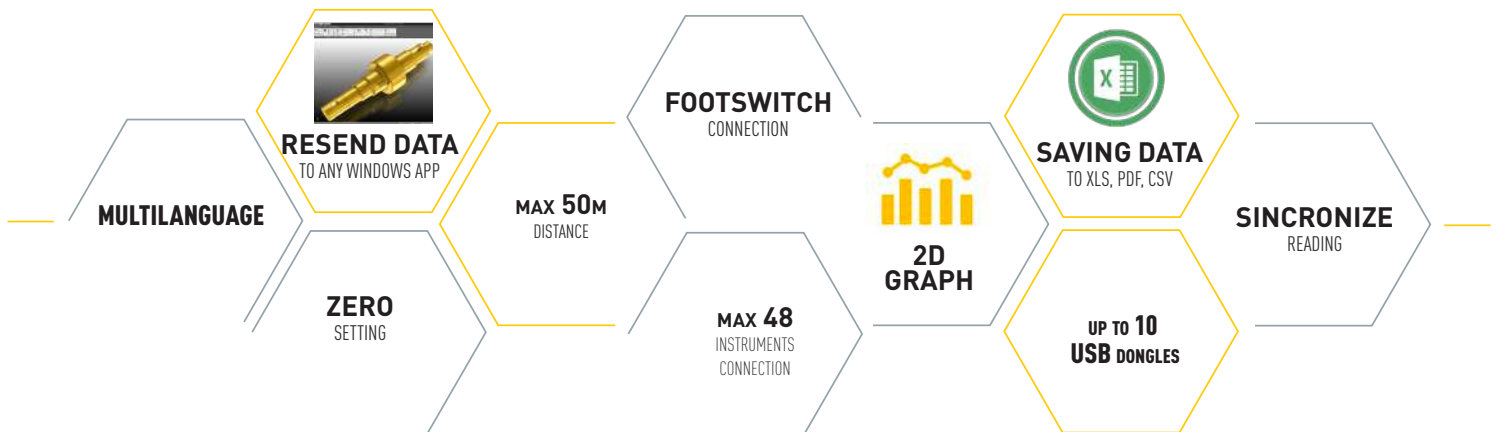
## FREE MDS APP FOR iOS & MacOS

- **FREE** MDS application for iOS, MacOS
- MDS application can be downloaded on the AppStore
- For connection with **DataMet** / **WIRELESS SwissMet** instruments
- Standard and Energy saving mode (for **WIRELESS SwissMet** instruments)
- Up to 8 connections **DataMet** / **WIRELESS SwissMet** instruments at the same time
- **Functions:** Go/NoGo, Timer, Linear correction, Statistics mode, Data Export, Graphic, Voice mode, User manager, Graphical mode
- **NO USB-DONGLE REQUESTED**



|                           | MDS for iOS                               | MDS for MacOS |
|---------------------------|-------------------------------------------|---------------|
|                           | <b>FREE</b>                               | <b>FREE</b>   |
|                           | 299100060                                 | 299100060     |
| Platform                  | iOS                                       | MacOS (M1+)   |
| Instruments connection    | <b>DataMet</b> / <b>WIRELESS SwissMet</b> |               |
| Max. instruments          | 8                                         | 8             |
| mm/inch conversion        | •                                         | •             |
| Go/NoGo functions         | •                                         | •             |
| Graphical mode            | •                                         | •             |
| Reading on Timer          | •                                         | •             |
| Measuring history         | •                                         | •             |
| Save data to xls          |                                           |               |
| Save data to csv          | •                                         | •             |
| Save graph                | •                                         | •             |
| User manager              | •                                         | •             |
| Instrument battery status | •                                         | •             |
| Voice mode                | •                                         | •             |
| Multilanguage             | 3 language                                | 3 language    |

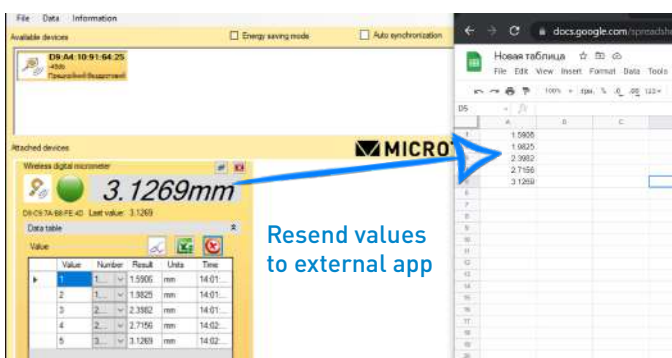




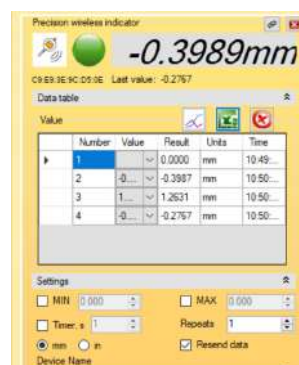
GRAPHICAL MODE

MULTILINGUE

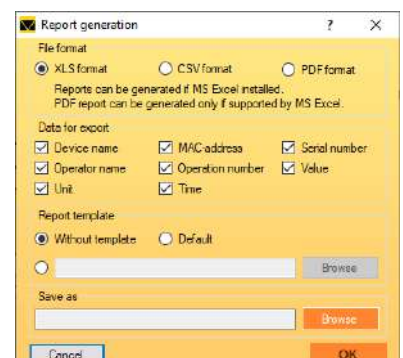
UP TO 48 **DATA**MET AND **WIRELESS** SWISSMET INSTRUMENTS



ON-LINE RESEND DATA TO EXTERNAL APP'S



MULTIFUNCTIONAL



REPORT SAVING

- MDS app for Windows for **CONNECTION** with MICROTECH instruments (up to 48 instruments in PRO version)
- **FREE** version can be downloaded/ **STANDARD, OPTIMA & PRO** versions supplying on USB-stick
- Collecting data from MICROTECH instruments and ZERO setting
- Autoconnection, Data reading synchronizing, connection modes.
- On-line Export data to external programs (to Excel, SAP, Solidworks, etc). Data Format adjustable (dot/comma, symbols)
- Data Export (csv, pdf, xls formats),
- Graphical and 2D Graphical mode (saving in png format)
- **USB-DONGLE REQUESTED**
- Optional **DataMet** Buttons, Footswitch for collecting Data and setting ZERO.



| MDS app for Windows               |                             |           |           |           |
|-----------------------------------|-----------------------------|-----------|-----------|-----------|
|                                   | FREE                        | STANDARD  | OPTIMA    | PRO       |
|                                   | 299100530                   | 299100550 | 299100560 | 299100570 |
| Platform                          | Windows 7, 8, 10, 11        |           |           |           |
| Max. instruments connected        | 1                           | 3         | 8         | 48        |
| USB-dongles (max qty)             | 1                           | 1         | 2         | 10        |
| Instruments connection            | DataMet / WIRELESS SwissMet |           |           |           |
| Instrument ZERO setting (DataMet) |                             | •         | •         | •         |
| Standard/Energy saving mode       | •                           | •         | •         | •         |
| Autoconnection                    | •                           | •         | •         | •         |
| Filtering MICROTECH devices       | •                           | •         | •         | •         |
| Data reading Synchronizing        |                             | •         | •         | •         |
| User manager                      | •                           | •         | •         | •         |
| WIRELESS Foot-Switch connection   |                             | •         | •         | •         |
| WIRELESS Button connection        |                             | •         | •         | •         |
| USB Foot-Switch connection        |                             | •         | •         | •         |
| mm/inch conversion                | •                           | •         | •         | •         |
| Go/NoGo functions                 | •                           | •         | •         | •         |
| Graphical mode                    |                             |           | •         | •         |
| 2D-Graphical mode                 |                             |           |           | •         |
| Timer                             | •                           | •         | •         | •         |
| Resolution selection              | •                           | •         | •         | •         |
| Export to external programs       | •                           | •         | •         | •         |
| Save data to csv, xls, pdf        |                             | •         | •         | •         |
| Save graph png                    |                             |           | •         | •         |
| Multilanguage                     | 10 languages                |           |           |           |
| Format                            | Download                    | USB-stick |           |           |



DOWNLOAD  
MDS app WINDOWS



DOWNLOAD MDS APP **FREE**



USB-STICK WITH MDS APP  
STANDARD, OPTIMA, PRO

## DELIVERY SET



## OPTIONAL



## STANDARD MDS data set



## OPTIMA MDS data set



## PRO MDS data set



## PRO+ MDS data set



## PRO-DESK MDS data set

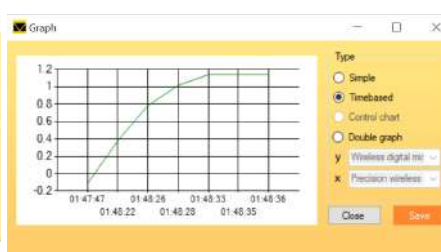




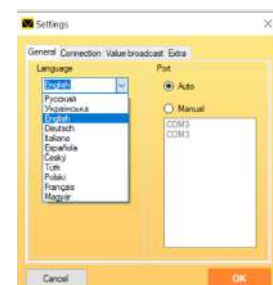
# MDS CONNECTION SET FOR WINDOWS

- MDS CONNECTION SET for Windows - including MDS app, USB-dongles, extension cables and Footswitches (some versions)
- MDS CONNECTION SET - Ready Data collecting solution from box with optimal price
- **STANDARD, OPTIMA & PRO** versions supplying on USB-stick
- Collecting data from MICROTECH instruments and ZERO setting
- Autoconnection, Data reading synchronizing, connection modes.
- On-line Export data to external programs (to Excel, SAP, Solidworks, etc). Data Format adjustable (dot/comma, symbols)
- Data Export (csv, pdf, xls formats) and Graphica/2D Graphical mode (saving in png format)
- Optional **DataMet** Buttons, Footswitch for collecting Data and setting ZERO.

| Item No   | Type                         | Application                             | ACCESSORIES in SET |   |            |                       |                        | Max connected devices |
|-----------|------------------------------|-----------------------------------------|--------------------|---|------------|-----------------------|------------------------|-----------------------|
|           |                              |                                         | USB-dongles        |   | Cable ext. | DataMet IP67 2-button | DataMet Desktop Button |                       |
| 299110504 | STANDARD MDS data set        | MDS 5.5 <b>STANDARD</b> app for Windows | 1                  |   | 1          |                       |                        | 3                     |
| 299110506 | <b>OPTIMA</b> MDS data set   | MDS 5.5 <b>OPTIMA</b> app for Windows   | 2                  |   | 2          |                       |                        | 6                     |
| 299110810 | <b>PRO</b> MDS data set      | MDS 5.5 <b>PRO</b> app for Windows      |                    | 2 | 2          |                       |                        | 10                    |
| 299110840 | <b>PRO+</b> MDS data set     |                                         |                    | 3 | 3          | 1                     |                        | 18                    |
| 299110860 | <b>PRO-DESK</b> MDS data set |                                         |                    | 8 | 8          |                       | 1                      | 40                    |

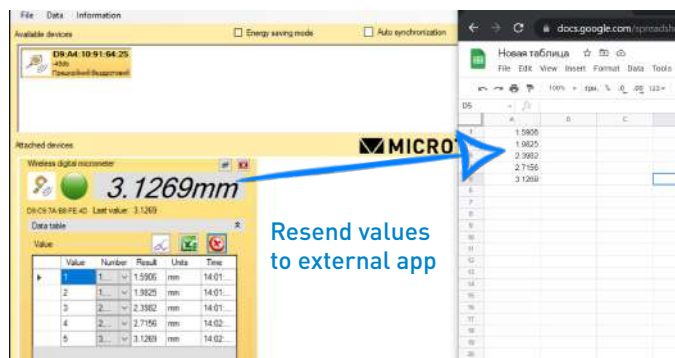


GRAPHICAL MODE



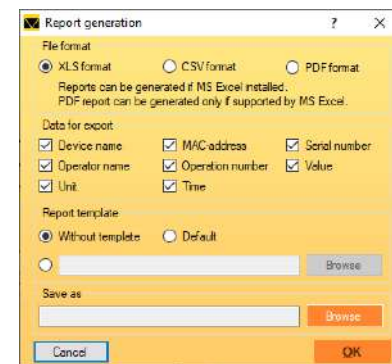
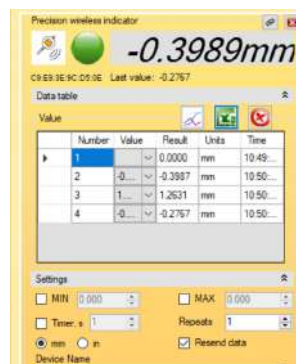
MULTILANGUAGE

UP TO 48 **DATAMET** and **WIRELESS SWISSMET** INSTRUMENTS



Resend values to external app

ON-LINE RESEND DATA TO EXTERNAL APP'S



REPORT SAVING

## DELIVERY SET



## OPTIONAL



VIDEO



CONNECTION possibilities

- USB Dongle for MICROTECH MDS app - for connection with MICROTECH instruments
- **PRO** (max 8 connect) and **STANDARD** (max 3 connect) modifications.
- Optional 1m cable extensions for longer connection distance
- Requested only for MDS app for WINDOWS (not request for MDS app for iOS, MacOS, Android or all HID modes)



299190001 299190002

| Item No   | Type                                                                           |
|-----------|--------------------------------------------------------------------------------|
| 299190001 | USB-Dongle <b>STANDARD</b> for Windows (max 3 connect) incl 1m cable extension |
| 299190002 | USB-Dongle <b>PRO</b> for Windows (max 8 connect) incl 1m cable extension      |



**DOWNLOAD**  
MDS app WINDOWS



DOWNLOAD MDS APP **FREE**



**VIDEO**



**CONNECTION**  
possibilities

## DELIVERY SET



## OPTIONAL



- USB Foot-Switch (1-button)
- USB CONNECTION with MICROTECH MDS app for WINDOWS
- **Function:** Saving data to Memory (MDS app) or ZERO setting



## SAVE DATA TO MDS WINDOWS



### USB DATA FOOT-SWITCH

|                            |                      |
|----------------------------|----------------------|
| Item No                    | 299190000            |
| Buttons, qty               | 1                    |
| CONNECTING MDS app WINDOWS | Save data in MDS app |
| Dimensions, mm             | 60x60x20             |
| Weight, kg                 | 0,2                  |



DOWNLOAD  
MDS app WINDOWS



DOWNLOAD MDS APP **FREE**



CONNECTION  
possibilities

## DELIVERY SET

USB FOOTSWITCH



## OPTIONAL

USB DONGLE



USB EXTENSION CABLE



PRO VERSIONS OF MDS APP



- Multifunction **DataMet** buttons for **CONNECTION** with **DataMet** MICROTECH instruments and MICROTECH MDS app for WINDOWS
- **Function:** ZERO value and Saving data to **DataMet** instrument Memory or MICROTECH MDS app for WINDOWS
- **Modifications:** **DataMet** mobile 2-button stick or **DataMet** desktop 2-button panel
- Built-in rechargeable Li-Pol battery
- **CUSTOM FUNCTIONS FOR REQUEST**

SAVE DATA TO MEMORY  
SET ZERO



299900012

SAVE DATA TO MDS WINDOWS  
SET ZERO



**2 CONNECTION MODES:** **DataMet** INSTRUMENTS AND MDS APP WINDOWS  
**2 BUTTONS:** SET DATA TO MEMORY AND SET ZERO

SAVE DATA TO MEMORY  
SET ZERO



299900013

SAVE DATA TO MDS WINDOWS  
SET ZERO



VIDEO

| DATA BUTTONS                            |                       | DataMet IP67 | DataMet DESKTOP |
|-----------------------------------------|-----------------------|--------------|-----------------|
| Item No                                 |                       | 299900012    | 299900013       |
| Buttons, qty                            |                       | 2            | 2               |
| CONNECTING TO <b>DataMet</b> instrument | SAVE DATA             | •            | •               |
|                                         | SET ZERO              | •            | •               |
| CONNECTING MDS app WINDOWS              | Reading Synchronizing | •            | •               |
|                                         | Save data in MDS app  | •            | •               |
| Buttons size, mm                        |                       | 10           | 60              |
| Water-dust Proof                        |                       | <b>IP67</b>  | IP40            |
| LED status indication                   |                       | •            | •               |
| Rechargeable Built in Li-Pol battery    |                       | 500 mAh      | 2000 mAh        |
| Dimensions, mm                          |                       | 75x50x30     | 186x96x53       |
| Weight, kg                              |                       | 0,15         | 0,4             |

## DELIVERY SET



## OPTIONAL





- Multifunction **DataMet** Footswitch for CONNECTION with **DataMet** MICROTECH instruments and MICROTECH MDS app for WINDOWS
- **Function:** ZERO value and Saving data to **DataMet** instrument Memory or MICROTECH MDS app for WINDOWS
- **Modifications:** **DataMet** 1-button or 2-button Footswitch
- Built-in rechargeable Li-Pol battery
- CUSTOM FUNCTIONS FOR REQUEST

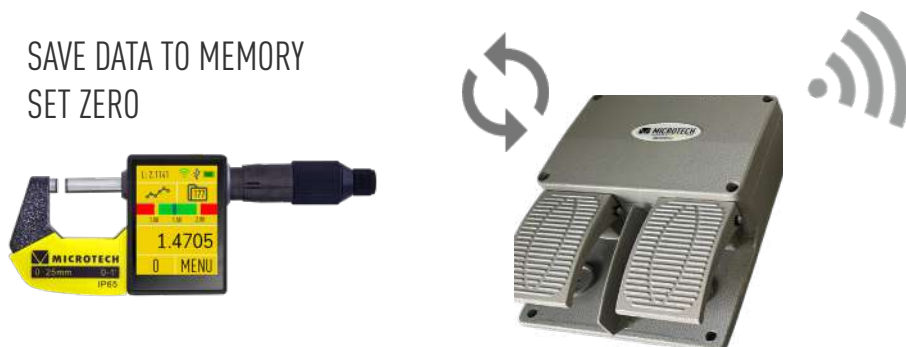
## SAVE DATA TO MEMORY



## SAVE DATA TO MDS WINDOWS



## SAVE DATA TO MEMORY SET ZERO



## SAVE DATA TO MDS WINDOWS SET ZERO



### MICS DATA FOOT-SWITCH

|                                         |                       |           |           |
|-----------------------------------------|-----------------------|-----------|-----------|
| Item No                                 |                       | 299900021 | 299900022 |
| Buttons, qty                            |                       | 1         | 2         |
| CONNECTING TO <b>DataMet</b> instrument | SAVE DATA             | •         | •         |
|                                         | SET ZERO              |           | •         |
| CONNECTING MDS app WINDOWS              | Reading Synchronizing | •         | •         |
|                                         | Save data in MDS app  | •         | •         |
| LED status indication                   |                       | •         | •         |
| Rechargeable Built in Li-Pol battery    |                       | 500 mAh   | 500 mAh   |
| Dimensions, mm                          |                       | 60x60x20  | 120x90x40 |
| Weight, kg                              |                       | 0,2       | 0,5       |



VIDEO

## DELIVERY SET



## OPTIONAL



## MDS DESKTOP DataMet DISPLAY UNIT

## INPUT-OUTPUT

29999901



OPTIONAL DataMet DESKTOP  
2-BUTTONS PANEL



SAVING DATA  
TO XLS, CSV  
FORMATS



SAVING  
GRAPH



RJ-45

## MDS IP67 DataMet DISPLAY UNIT

## INPUT-OUTPUT

299999003



OPTIONAL DataMet IP67  
2-BUTTONS STICK



SAVING DATA  
TO XLS, CSV  
FORMATS



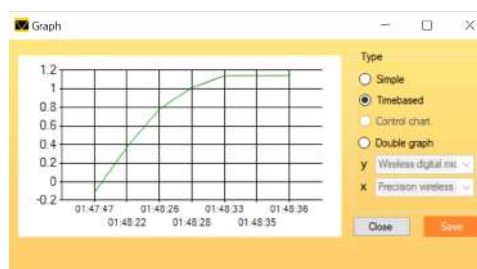
SAVING  
GRAPH



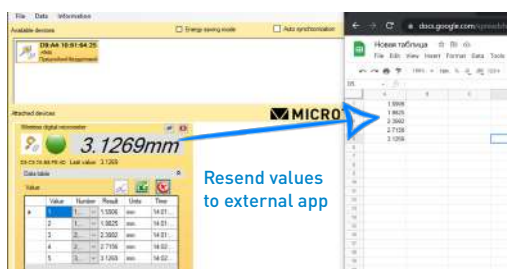
RJ-45



UP TO 48 DataMet and WIRELESS SwissMet INSTRUMENTS



GRAPHICAL MODE



ON-LINE RESEND DATA TO EXTERNAL APP'S

Precision wireless indicator

**-0.3989mm**

Check the wire size Last value: -0.2767

Data table

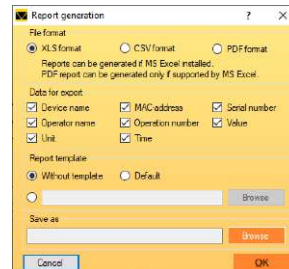
| Value | Number | Value   | Result | Unit  | Time |
|-------|--------|---------|--------|-------|------|
| 1     | 0      | 0.0000  | mm     | 10:49 |      |
| 2     | 2      | -0.3987 | mm     | 10:50 |      |
| 3     | 3      | 1.2631  | mm     | 10:50 |      |
| 4     | 4      | -0.2767 | mm     | 10:50 |      |

Settings

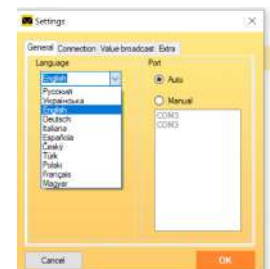
☐ MMS 0.000 ☐ MMA 0.000

☐ Time 1 ☐ Repeat 1

☐ Data ☐ Repeat data



REPORT SAVING



MULTILINGUE

- **MDS DataMet Display units** - ready Data collecting solution from the box (no PC, Tablet requested)
- **MDS DataMet Display unit set** including Windows Tablet PC (Touchscreen Display 10" or 11.6") with MDS **PRO** app, USB dongle **PRO**
- **CONNECTION** with MICROTECH instruments (collecting Data, zero data, graphical, multiformat export)
- Autoconnection, Data reading synchronizing, connection modes.
- On-line Export data to external programs (to Excel, SAP, Solidworks, etc). Data Format adjustable (dot/comma, symbols)
- Data Export (csv, pdf, xls formats) and Graphical/2D Graphical mode (saving in png format)
- Optional **DataMet** Buttons, Footswitch for collecting Data and setting ZERO.

| Type                 |                                      | IP67                            | DESKTOP           |
|----------------------|--------------------------------------|---------------------------------|-------------------|
| Item No              |                                      | 299999003                       | 299999001         |
| Touchscreen Display  |                                      | 10" (1280x800)                  | 11.6" (1920x1080) |
| Protection           |                                      | IP67                            |                   |
| Platform             |                                      | Windows 10 / MDS 5.5 <b>PRO</b> |                   |
| INPUT CONNECTION     | USB-DONGLES                          | 1 (max 2)                       | 1 (max 8)*        |
|                      | WIRELESS                             | 8 (max16)                       | 8 (max 32)        |
|                      | WIRELESS HID                         | 8                               | 8                 |
|                      | USB HID                              | 2                               | 4 (max64)*        |
| DATA OUTPUT & EXPORT | WI-FI                                | •                               | •                 |
|                      | USB port                             | 2+1                             | 4                 |
|                      | RJ-45                                | •                               | •                 |
|                      | RS-232                               | 1                               | 3                 |
|                      | RS-485                               |                                 | 1                 |
|                      | Cardreader                           | •                               | •                 |
|                      | HDMI                                 | •                               | •                 |
| FUNCTIONS            | Autoconnection                       | •                               | •                 |
|                      | Reading Synchronizing                | •                               | •                 |
|                      | User manager                         | •                               | •                 |
|                      | Foot-Switch connection               | •                               | •                 |
|                      | mm/inch conversion                   | •                               | •                 |
|                      | Go/NoGo functions                    | •                               | •                 |
|                      | Graphical mode                       | •                               | •                 |
|                      | 2D-Graphical mode                    | •                               | •                 |
|                      | Timer                                | •                               | •                 |
|                      | Resolution selection                 | •                               | •                 |
|                      | Resend to external app's             | •                               | •                 |
|                      | Save data to csv, xls, pdf           | •                               | •                 |
|                      | Save graph png                       | •                               | •                 |
|                      | *xls. *csv, *doc file editor         | •                               | •                 |
|                      | App's installation                   | •                               | •                 |
|                      | Multilanguage                        | 10 languages                    |                   |
| ACCESSORIES          | USB-DONGLES                          | 1 (optional 8)                  |                   |
|                      | USB-Footswitch                       | option                          | option            |
|                      | Wireless-Footswitch                  | option                          | option            |
|                      | Rechargeable Built in Li-Pol battery | 8000mAh                         | -                 |
| Dimensions, mm       |                                      | 280×184×26                      | 283 x 177 x 73    |
| Weight, kg           |                                      | 1,15                            | 1,25              |


**VIDEO**

**CONNECTION possibilities**

## DELIVERY SET



## OPTIONAL



- USB HID (1-button) data cable (2m length) for CERTIMET Digital calipers and indicators
- **Function:** Transfer data in HID mode (keyboard) direct to customers app's

## INPUT



## OUTPUT

DIRECT TO EXCEL OR  
ANY OTHER APP



| Item No   | Type                                                        | Data button | Length, m | Devices                          |
|-----------|-------------------------------------------------------------|-------------|-----------|----------------------------------|
| 141083000 | USB HID DATA CABLE<br>DIRECT DATA TRANSFER, LIKE A KEYBOARD | +           | 2         | CERTIMET Digital calipers IP54   |
|           |                                                             |             |           | CERTIMET Digital indicators IP54 |



- **S\_connection** data cable (3m length) for **SwissMet** digital instruments
- **Function:** Transfer data to Sylcom, VMax2 app's
- **Free** version of app's (for 1 connection)



**Sylcom**



**Vmux2**

| Item No   | Type                | Length, m | Devices                             |
|-----------|---------------------|-----------|-------------------------------------|
| 149266821 | DATATRANSFER TO APP | 3         | <b>SwissMet</b> Digital instruments |

- USB data cable (2m length) for DATA<sup>MET</sup> MICROTECH instruments
- **Function:** Charging and Transfer data in HID mode (keyboard) from DATA<sup>MET</sup> MICROTECH instruments direct to customers app's



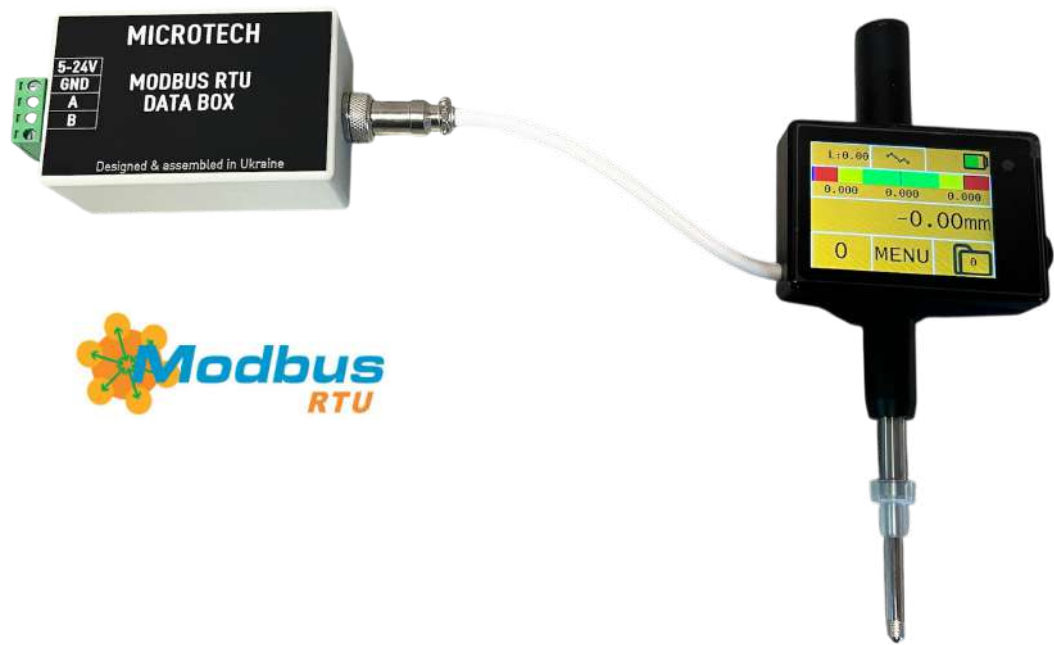
## OUTPUT

DIRECT TO EXCEL OR  
ANY OTHER APP



| Item No   | Type                              | Length, m | Devices                                    |
|-----------|-----------------------------------|-----------|--------------------------------------------|
| 141077012 | USB CHARGE+DATA<br>TRANSFER CABLE | 2         | DATA <sup>MET</sup> instruments (MicroUSB) |
| 141077022 |                                   |           |                                            |
| 141077025 |                                   | 5         | DATA <sup>MET</sup> instruments (USB-C)    |

- MODBUS RTU databox for connection with MICROTECH DataMet instruments
- MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- MODBUS ASCII, MODBUS TCP/IP for request



| Item No   | Type                   | Devices                               |
|-----------|------------------------|---------------------------------------|
| 141077071 | Modbus RTU data box    | DataMet MICROTECH instruments (USB-C) |
| 141077072 | Modbus ASCII data box  |                                       |
| 141077073 | Modbus TCP/IP data box |                                       |



VIDEO

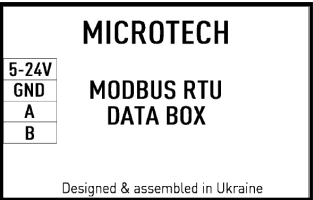
| WORKING CONDITIONS     |          |
|------------------------|----------|
| Working temperature °C | 5-40°    |
| Humidity               | 70%      |
| Water protection       | IP40     |
| Dimensions, mm         | 53x82x31 |
| Weight, kg             | 0,15     |

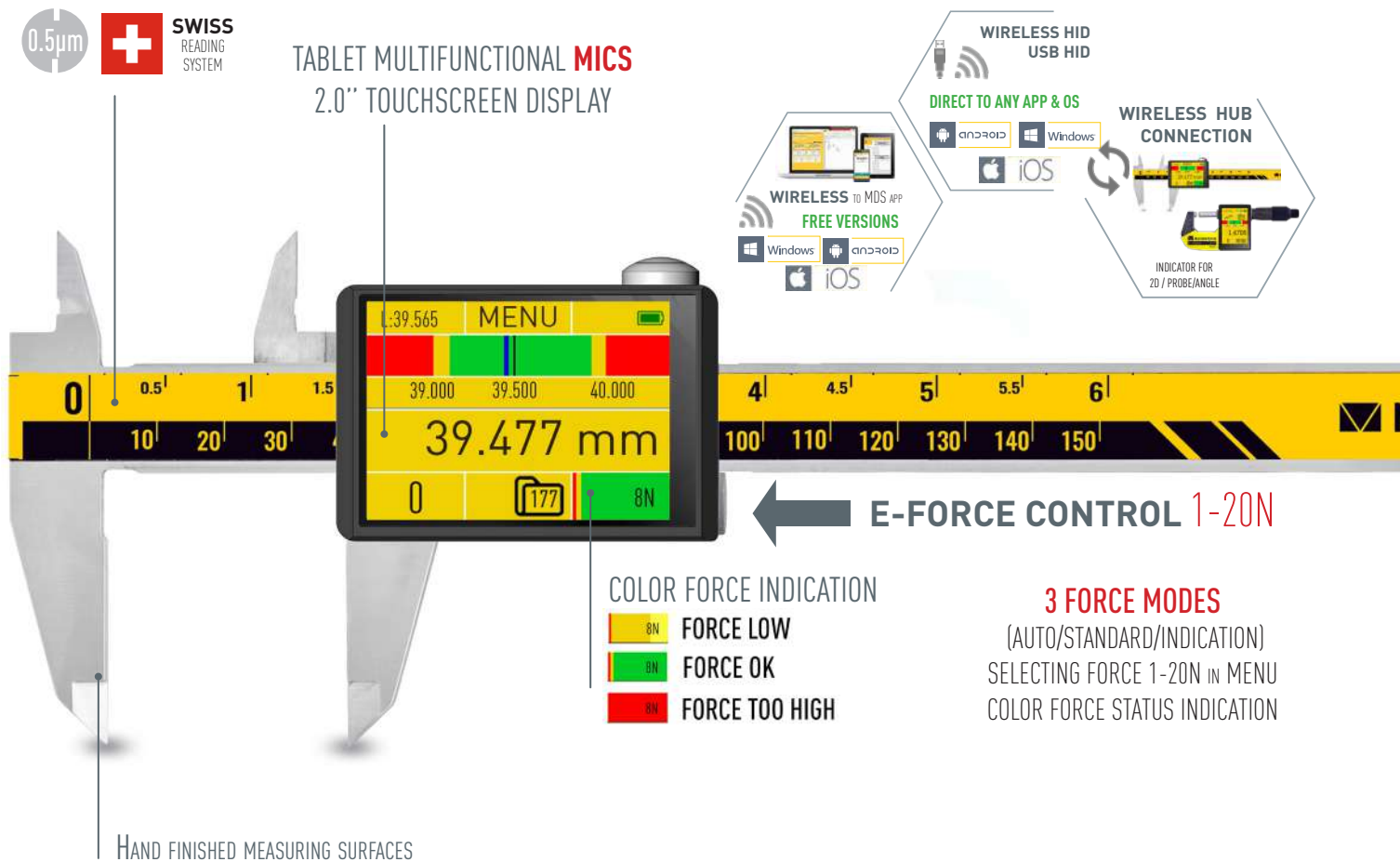


MODBUS protocol

GENERAL INFORMATION

- **Protocol:** Modbus RTU
- **Baud rate:** 9600 bps (configurable)
- **Data bits:** 8
- **Stop bits:** 1
- **Parity:** None





## DATAmet FUNCTIONS





- Industry 4.0 adopted **DataMet** E-Force caliper with computerized **MICS** system with hi-res 2.0" color Touchscreen
- Patents US10184772, UA174949, UA126928
- **SWISS made reading system** resolution **0,5 micron** (0,0005/0,001/0,01/0,1mm selection)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **WIRELESS** data transfer: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS** HID, **WIRELESS** HID+MAC (like keyboard to any app)
- **USB** data transfer: **USB** HID, **USB** HID+MAC (like keyboard to any app)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- **Rechargeable** Li-Pol battery (500mAh) with USB-C data/charging socket
- **Calibration** certificate included (ISO17025 (Ilac MRA))

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy* | eForce | Jaws  | Measuring HUB | Analog scale | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr. | Calibr date | Recharge | Auto off | Password | Memory   | Statistics | WIRELESS | USB HID | FW update |   |
|------------|-------|-------|-----------------|----------------|--------|-------|---------------|--------------|---------|--------|---------|---------|---------|-------|-----------|--------------|-------------|----------|----------|----------|----------|------------|----------|---------|-----------|---|
|            | mm    | inch  | mm              | µm             | N      | mm    |               |              |         |        |         |         |         |       |           |              |             |          |          |          |          |            |          |         |           |   |
| 141088015A | 0-150 | 0-6"  | 0,0005          | ±5             | 1-20   | 40/16 | ●             | ●            | ●       | ●      | ●       | ●       | ●       | ●     | ●         | ●            | ●           | ●        | ●        | ●        | 1000 val | ●          | ●        | ●       | ●         |   |
| 141088020A | 0-200 | 0-8"  |                 | ±8             |        | 50/17 | ●             | ●            | ●       | ●      | ●       | ●       | ●       | ●     | ●         | ●            | ●           | ●        | ●        | ●        |          | ●          | ●        | ●       | ●         | ● |
| 141088030A | 0-300 | 0-12" |                 | ±10            |        | 60/20 | ●             | ●            | ●       | ●      | ●       | ●       | ●       | ●     | ●         | ●            | ●           | ●        | ●        | ●        |          | ●          | ●        | ●       | ●         | ● |

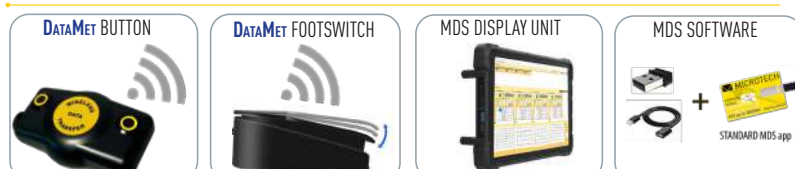
\*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1



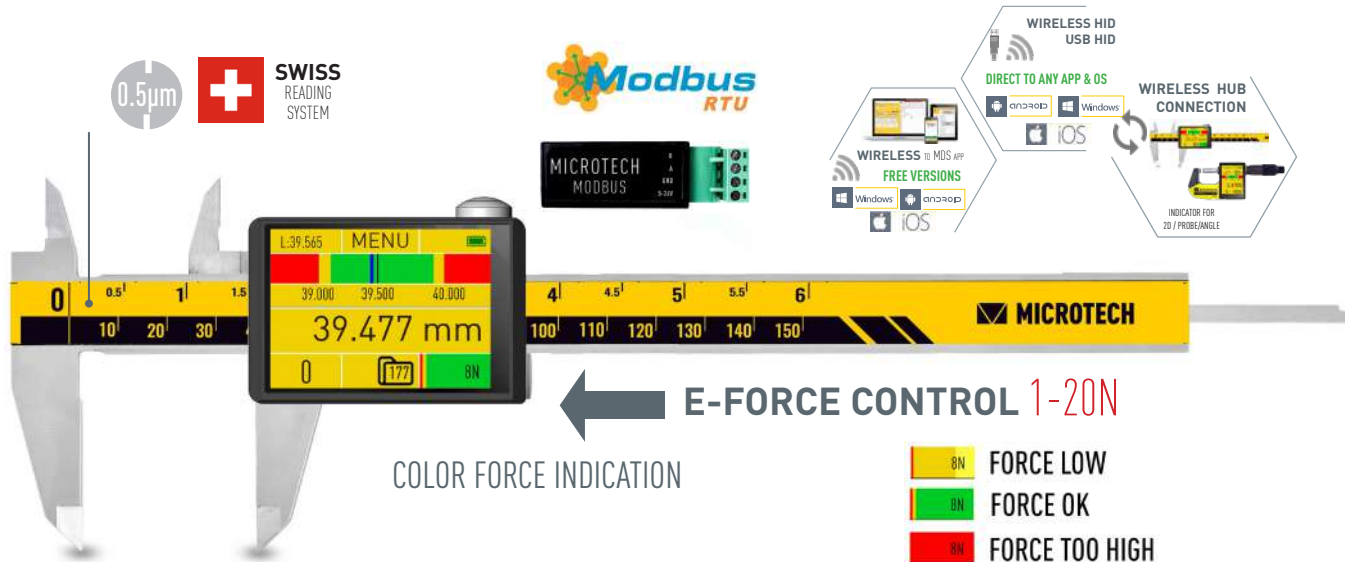
## DELIVERY SET



## OPTIONAL



- Industry 4.0 adopted E-Force caliper with computerized **MICS** system with 2.0" color Touchscreen (Patents US10184772,UA174949,UA126928)
- **SWISS made reading system** resolution **0,5micron** (0,0005/0,001/0,01/0,1mm selection)
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager**: 2000 values, Folders system, Statistics mode, Memory data transfer
- E-Force control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **MODBUS ASCII, MODBUS TCP/IP** for request
- Calibration certificate included (ISO17025 (Ilac MRA))



| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy* | eForce | Jaws  | Measuring HUB | Analog scale | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr. | Calibr date | Recharge | Auto off | Password | Memory   | Statistics | WIRELESS | USB HID | FW update | MODBUS RTU | MODBUS ASCII | MODBUS TCP/IP |   |
|------------|-------|-------|-----------------|----------------|--------|-------|---------------|--------------|---------|--------|---------|---------|---------|-------|-----------|--------------|-------------|----------|----------|----------|----------|------------|----------|---------|-----------|------------|--------------|---------------|---|
|            | mm    | inch  | mm              | µm             | N      | mm    |               |              |         |        |         |         |         |       |           |              |             |          |          |          |          |            |          |         |           |            |              |               |   |
| 141088015M | 0-150 | 0-6"  | 0,0005          | ±5             | 1-20   | 40/16 | ●             | ●            | ●       | ●      | ●       | ●       | ●       | ●     | ●         | ●            | ●           | ●        | ●        | ●        | 1000 val | ●          | ●        | ●       | ●         | ●          | option       | option        |   |
| 141088020M | 0-200 | 0-8"  |                 | ±8             |        | 50/17 | ●             | ●            | ●       | ●      | ●       | ●       | ●       | ●     | ●         | ●            | ●           | ●        | ●        | ●        |          | ●          | ●        | ●       | ●         | ●          |              |               | ● |
| 141088030M | 0-300 | 0-12" |                 | ±10            |        | 60/20 | ●             | ●            | ●       | ●      | ●       | ●       | ●       | ●     | ●         | ●            | ●           | ●        | ●        | ●        |          | ●          | ●        | ●       | ●         | ●          |              |               | ● |

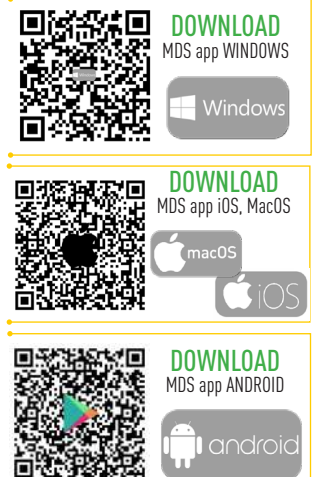
\*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1



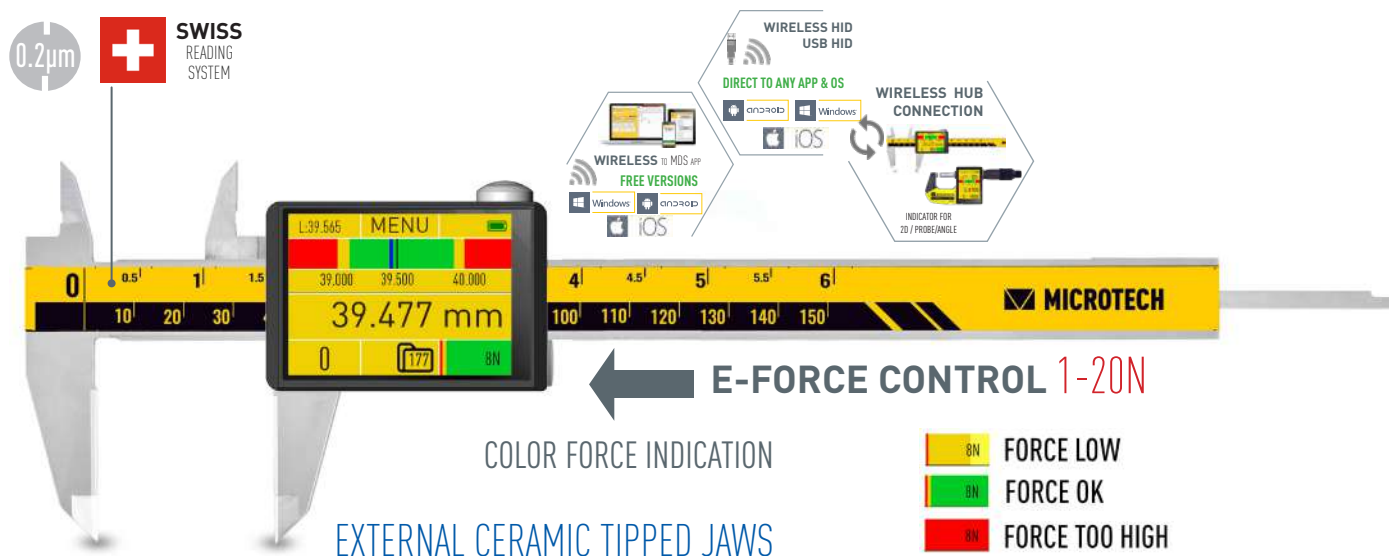
## DELIVERY SET



## OPTIONAL



- Industry 4.0 adopted E-Force caliper with computerized **MICS** system with 2.0" color Touchscreen (Patents US10184772, UA174949, UA126928)
- **LAB** caliper with **SWISS made reading system** Min resolution **0,2micron** (0,0002/0,001/0,01/0,1mm selection)
- **External ceramic tipped jaws non-magnetic, non-conductive and wear-resistant**
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **E-Force control module** with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **4 MODES DATA TRANSFER:** **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**, **USB HID**
- **Calibration certificate** included (ISO17025 (Ilac MRA))



| Item No     | Range |       | Reso-<br>lution | Accu-<br>racy* | eForce | Jaws  | Measuring HUB | Analog scale | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr. | Calibr date | Recharge | Auto off | Password | Memory   | Statistics | WIRELESS | USB HID | FW update |   |
|-------------|-------|-------|-----------------|----------------|--------|-------|---------------|--------------|---------|--------|---------|---------|---------|-------|-----------|--------------|-------------|----------|----------|----------|----------|------------|----------|---------|-----------|---|
|             | mm    | inch  | mm              | µm             | N      | mm    |               |              |         |        |         |         |         |       |           |              |             |          |          |          |          |            |          |         |           |   |
| 141088015AK | 0-150 | 0-6"  | 0,0002          | ±4             | 1-20   | 40/16 | ●             | ●            | ●       | ●      | ●       | ●       | ●       | ●     | ●         | ●            | ●           | ●        | ●        | ●        | 1000 val | ●          | ●        | ●       | ●         |   |
| 141088020AK | 0-200 | 0-8"  |                 | ±6             |        | 50/17 | ●             | ●            | ●       | ●      | ●       | ●       | ●       | ●     | ●         | ●            | ●           | ●        | ●        | ●        |          | ●          | ●        | ●       | ●         | ● |
| 141088030AK | 0-300 | 0-12" |                 | ±8             |        | 60/20 | ●             | ●            | ●       | ●      | ●       | ●       | ●       | ●     | ●         | ●            | ●           | ●        | ●        | ●        |          | ●          | ●        | ●       | ●         | ● |

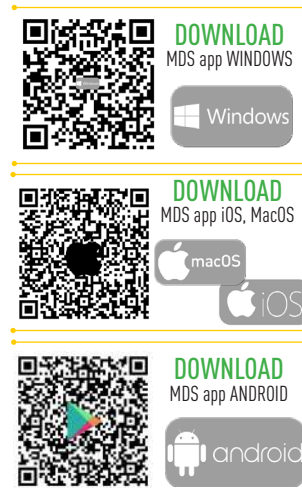
\*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1



## DELIVERY SET

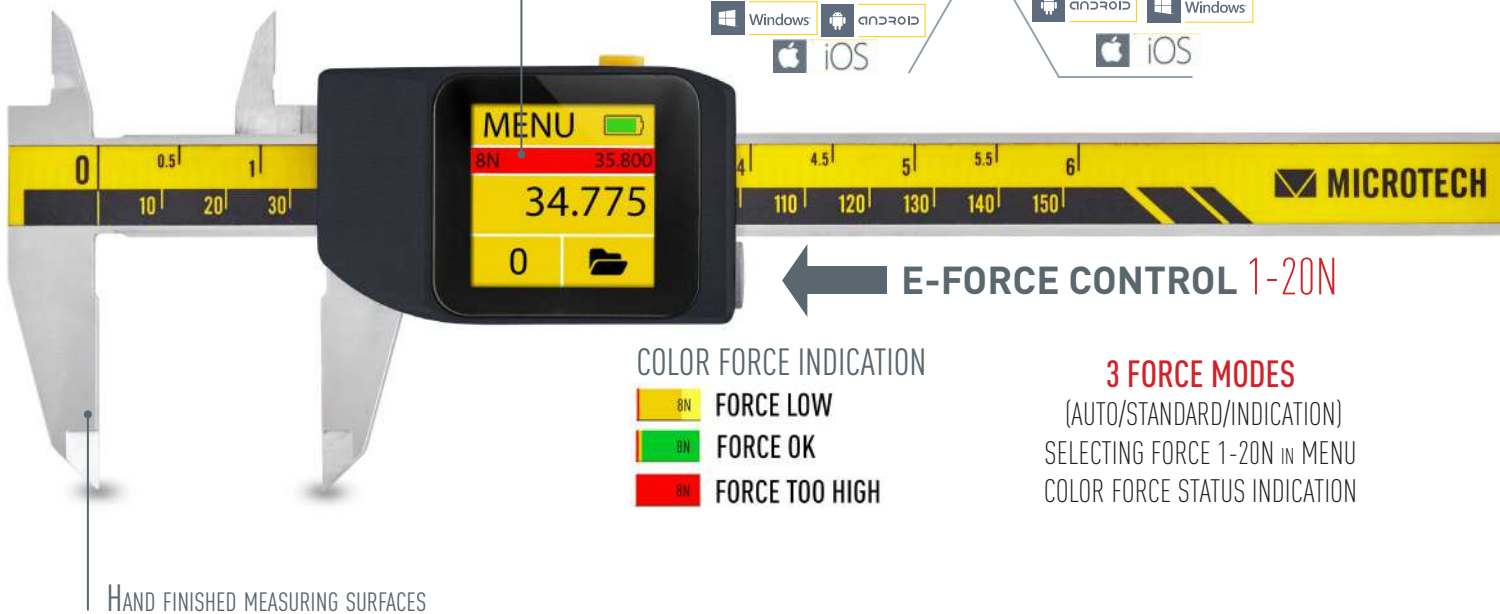


## OPTIONAL





TABLET MULTIFUNCTIONAL **MICS**  
1.54" TOUCHSCREEN DISPLAY



## DATA MET FUNCTIONS



TIMER

FORMULA  $Ax^2+Bx+C$

DISPLAY & ENERGY

RESOLUTION, mm/inch

WIRELESS to MDS app

WIRELESS & USB HID



- Industry 4.0 adopted **DataMet** E-Force caliper with computerized **MICS** system with hi-res 1.54" color Touchscreen
- Patents US10184772, UA174949, UA126928
- Reading system resolution **5 micron** (0,005/0,01/0,1mm selection)
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- Memory manager: 1000 values,, Statistics mode, Memory data transfer
- E-Force control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **WIRELESS** data transfer: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS** HID, **WIRELESS** HID+MAC (like keyboard to any app)
- USB data transfer: **USB HID**, **USB HID+MAC** (like keyboard to any app)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- **Rechargeable** Li-Pol battery (300mAh) with USB-C data/charging socket
- **MODIFICATION** with Upper and Lower carbide jaws
- **Calibration** certificate included (ISO17025 (Ilac MRA))

## DataMet E-FORCE CALIPER

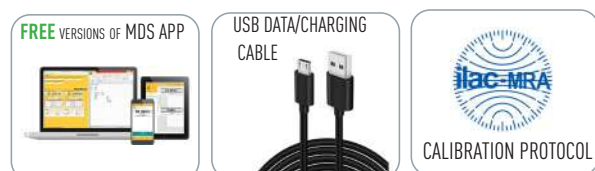
| Item No    | Range |       | Resolution | Accuracy* | eForce | Jaws  | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr. | Calibr date | Recharge | Auto off | Memory   | Statistics | WIRELESS | USB HID |
|------------|-------|-------|------------|-----------|--------|-------|--------|---------|---------|---------|-------|-----------|--------------|-------------|----------|----------|----------|------------|----------|---------|
|            | mm    | inch  | mm         | µm        | N      | mm    |        |         |         |         |       |           |              |             |          |          |          |            |          |         |
| 141077015A | 0-150 | 0-6"  | 0,005      | ±10       | 1-20   | 40/16 | •      | •       | •       | •       | •     | •         | •            | •           | •        | •        | 1000 val | •          | •        | •       |
| 141077020A | 0-200 | 0-8"  |            | ±10       |        | 50/17 | •      | •       | •       | •       | •     | •         | •            | •           | •        | •        |          | •          | •        | •       |
| 141077030A | 0-300 | 0-12" |            | ±15       |        | 60/20 | •      | •       | •       | •       | •     | •         | •            | •           | •        | •        |          | •          | •        | •       |

## CARBIDE DataMet E-FORCE CALIPER

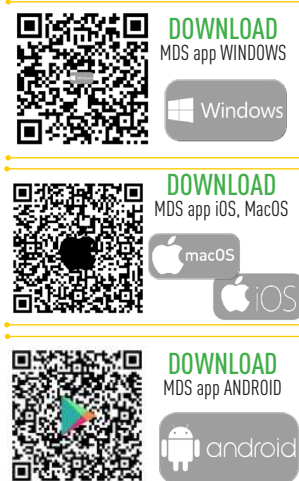
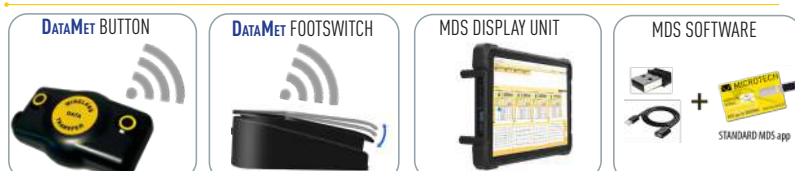
| Item No    | Range |       | Resolution | Accuracy* | eForce | Jaws  | CARBIDE | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr. | Calibr date | Recharge | Auto off | Memory   | Statistics | WIRELESS | USB HID |
|------------|-------|-------|------------|-----------|--------|-------|---------|--------|---------|---------|---------|-------|-----------|--------------|-------------|----------|----------|----------|------------|----------|---------|
|            | mm    | inch  | mm         | µm        | N      | mm    |         |        |         |         |         |       |           |              |             |          |          |          |            |          |         |
| 141077015C | 0-150 | 0-6"  | 0,005      | ±10       | 1-20   | 40/16 | •       | •      | •       | •       | •       | •     | •         | •            | •           | •        | •        | 1000 val | •          | •        | •       |
| 141077020C | 0-200 | 0-8"  |            | ±10       |        | 50/17 | •       | •      | •       | •       | •       | •     | •         | •            | •           | •        | •        |          | •          | •        | •       |
| 141077030C | 0-300 | 0-12" |            | ±15       |        | 60/20 | •       | •      | •       | •       | •       | •     | •         | •            | •           | •        | •        |          | •          | •        | •       |



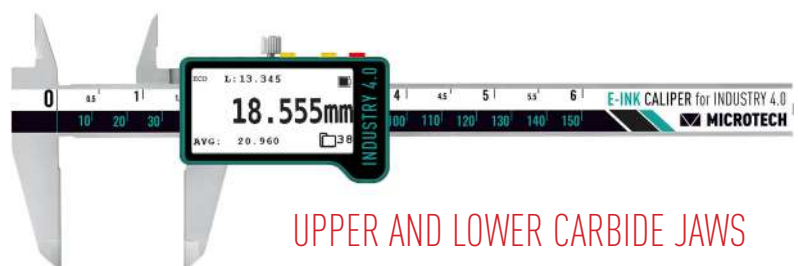
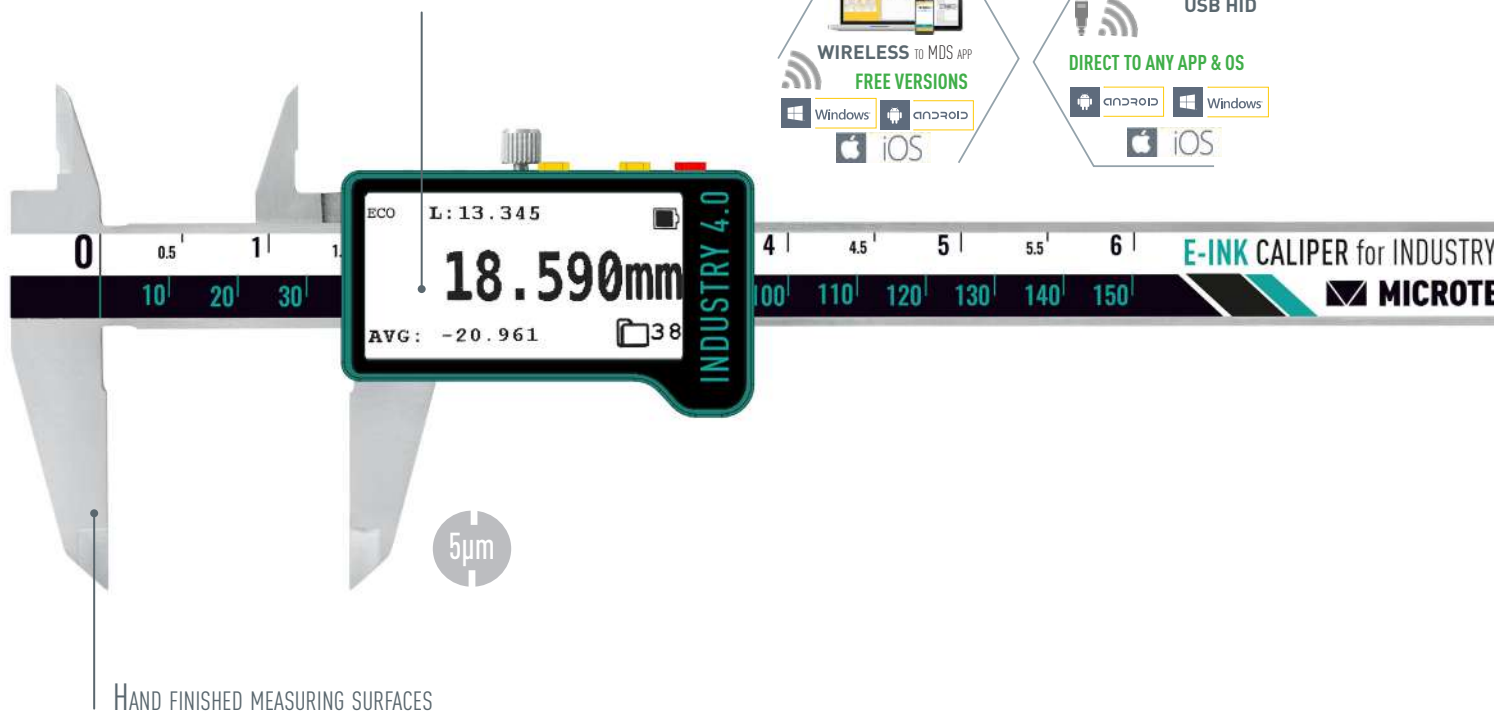
## DELIVERY SET



## OPTIONAL



## ENERGY EFFICIENCY E-INK DISPLAY 2.13"

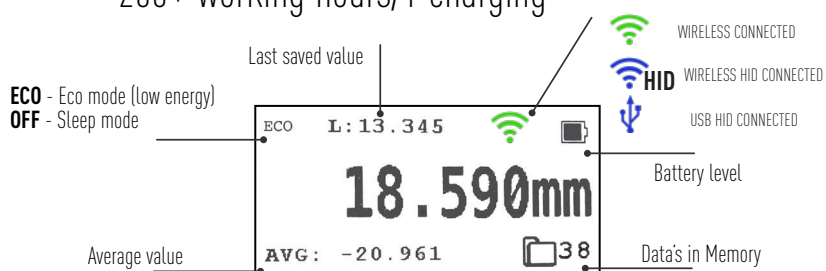


UPPER AND LOWER CARBIDE JAWS

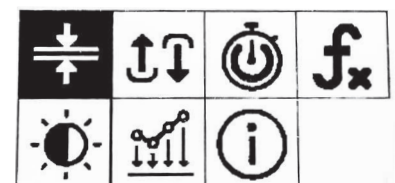
## DATA MET E-INK FUNCTIONS

### ENERGY ECONOMY 2.13" E-INK DISPLAY

200+ working hours/1 charging



### MULTIFUNCTIONAL MENU



INTERNAL MEMORY 1000 val with STATISTICS

| Stat      | All       |
|-----------|-----------|
| 1: 0.050  | 4: 29.245 |
| 2: 7.320  | 5: 37.680 |
| 3: 20.440 | NEXT PREV |

- Industry 4.0 adopted E-ink caliper with computerized MICS system
- Patents US10184772, UA174949, UA126928
- ENERGY ECONOMY 2.13" E-ink display (200+ working hours / 1 charging)
- Reading system resolution 5 micron (0,005/0,01/0,1mm selection)
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Resolution selecting, Connection indication
- Memory manager: 1000 values, Statistics mode, Memory data transfer
- WIRELESS data transfer: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC (like keyboard to any app)
- USB data transfer: USB HID, USB HID+MAC (like keyboard to any app)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- MODIFICATION with Upper and Lower carbide jaws
- Rechargeable Li-Pol battery (400mAh) with USB-C data/charging socket
- Calibration certificate included (ISO17025 (Ilac MRA))

## E-INK CALIPER

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy* | Jaws  | Round rod | Preset | Go/NoGo | Max/Min | Formula | Linear corr | Calibr date | Recharge | ECO mode | Memory   | Statistics | WIRELESS | USB HID |
|------------|-------|-------|-----------------|----------------|-------|-----------|--------|---------|---------|---------|-------------|-------------|----------|----------|----------|------------|----------|---------|
|            | mm    | inch  | mm              | µm             | mm    |           |        |         |         |         |             |             |          |          |          |            |          |         |
| 141093015B | 0-150 | 0-6"  | 0,005           | ±15            | 40/16 |           | •      | •       | •       | •       | •           | •           | •        | •        | 1000 val | •          | •        | •       |
| 141093015R |       |       |                 |                |       | •         | •      | •       | •       | •       | •           | •           | •        | •        |          | •          | •        | •       |
| 141093020B | 0-200 | 0-8"  |                 | ±20            | 50/17 |           | •      | •       | •       | •       | •           | •           | •        | •        |          | •          | •        | •       |
| 141093030B | 0-300 | 0-12" |                 |                | 60/20 |           | •      | •       | •       | •       | •           | •           | •        | •        |          | •          | •        | •       |

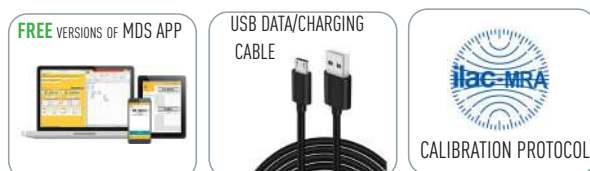


## CARBIDE E-INK CALIPER

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy* | Jaws  | Carbide jaws | Preset | Go/NoGo | Max/Min | Formula | Linear corr | Calibr date | Recharge | ECO mode | Memory   | Statistics | WIRELESS | USB HID |
|------------|-------|-------|-----------------|----------------|-------|--------------|--------|---------|---------|---------|-------------|-------------|----------|----------|----------|------------|----------|---------|
|            | mm    | inch  | mm              | µm             | mm    |              |        |         |         |         |             |             |          |          |          |            |          |         |
| 141093015C | 0-150 | 0-6"  | 0,005           | ±15            | 40/16 | •            | •      | •       | •       | •       | •           | •           | •        | •        | 1000 val | •          | •        | •       |
| 141093020C | 0-200 | 0-8"  |                 |                | 50/17 | •            | •      | •       | •       | •       | •           | •           | •        | •        |          | •          | •        | •       |
| 141093030C | 0-300 | 0-12" |                 | ±20            | 60/20 | •            | •      | •       | •       | •       | •           | •           | •        | •        |          | •          | •        | •       |

\*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

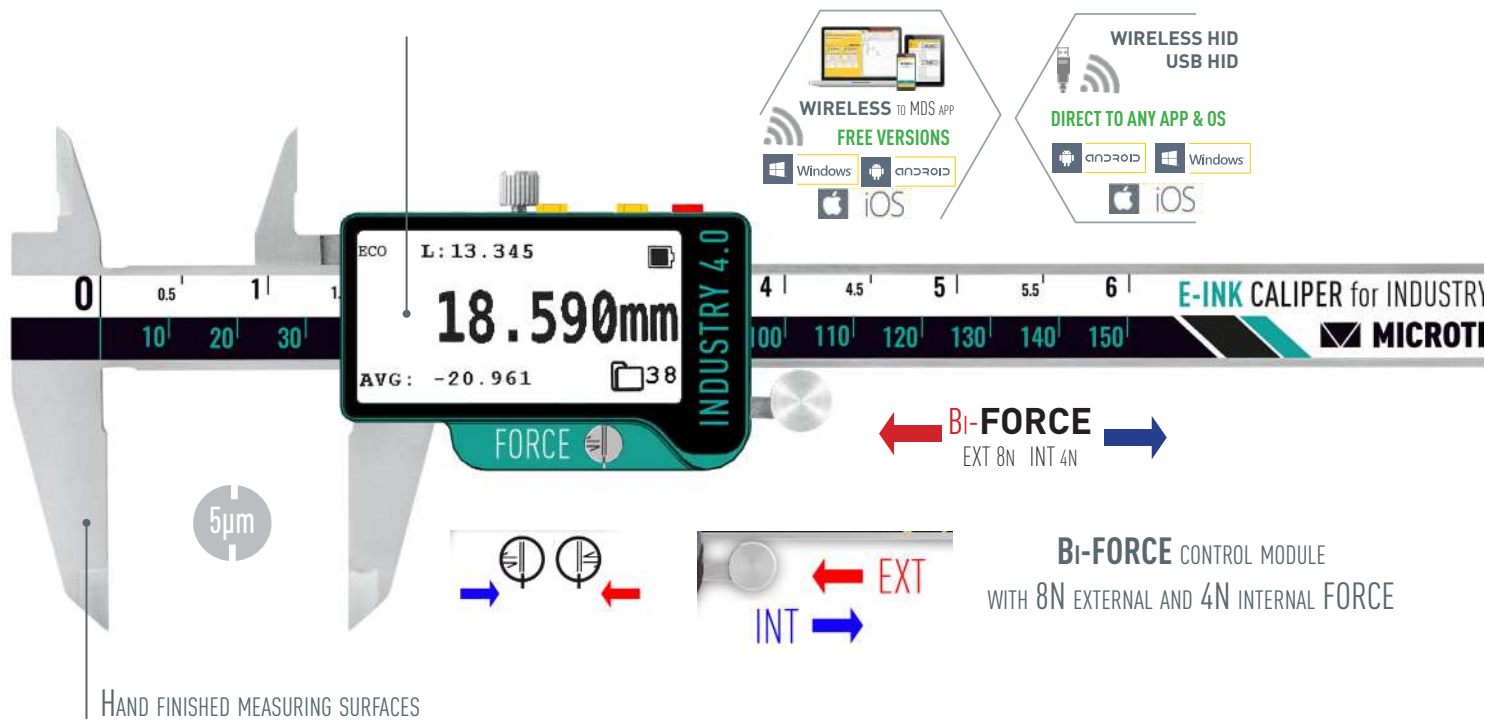
## DELIVERY SET



## OPTIONAL



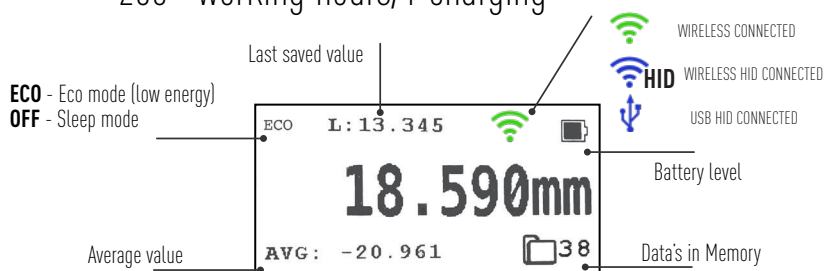
## ENERGY EFFICIENCY E-INK DISPLAY 2.13"



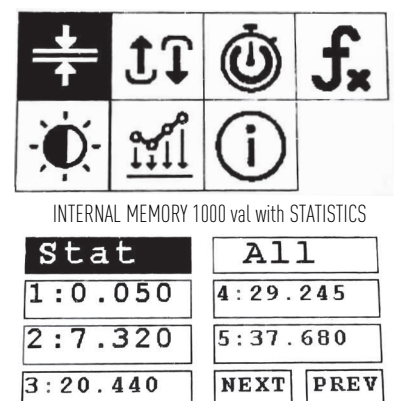
## DATAmet E-INK FUNCTIONS

### ENERGY ECONOMY 2.13" E-INK DISPLAY

200+ working hours/1 charging



### MULTIFUNCTIONAL MENU





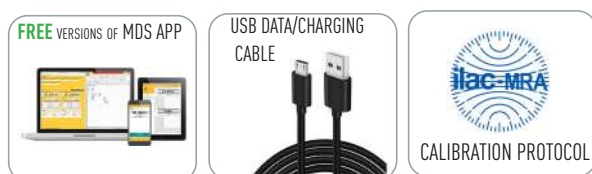
- Industry 4.0 adopted Bi-Force E-ink caliper with computerized MICS system
- Patents US10184772, UA174949, UA126928
- **ENERGY ECONOMY** 2.13" E-ink display (200+ working hours / 1 charging)
- Bi-Force control module with 8N external and 4N internal FORCE
- Reading system resolution **5 micron** (0,005/0,01/0,1mm selection)
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Resolution selecting, Connection indication
- Memory manager: 1000 values, Statistics mode, Memory data transfer
- **WIRELESS** data transfer: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS** HID, **WIRELESS** HID+MAC (like keyboard to any app)
- USB data transfer: **USB HID**, **USB HID+MAC** (like keyboard to any app)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- **MODIFICATION** with Upper and Lower carbide jaws
- **Rechargeable** Li-Pol battery (400mAh) with USB-C data/charging socket
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No     | Range |       | Resolution | Accuracy* | Force | Jaws  | Round rod | Preset | Go/NoGo | Max/Min | Formula | Linear corr | Calibr date | Recharge | ECO mode | Memory   | Statistics | WIRELESS | USB HID |    |
|-------------|-------|-------|------------|-----------|-------|-------|-----------|--------|---------|---------|---------|-------------|-------------|----------|----------|----------|------------|----------|---------|----|
|             | mm    | inch  |            |           |       |       |           |        |         |         |         |             |             |          |          |          |            |          |         | mm |
| 141093015F  | 0-150 | 0-6"  | 0,005      | ±10       | 8 / 4 | 40/16 |           | •      | •       | •       | •       | •           | •           | •        | •        | 1000 val | •          | •        | •       |    |
| 141093015FR |       |       |            |           |       |       | •         | •      | •       | •       | •       | •           | •           | •        | •        |          | •          | •        |         |    |
| 141093020F  | 0-200 | 0-8"  |            | ±15       |       | 50/17 |           | •      | •       | •       | •       | •           | •           | •        | •        |          | •          | •        | •       |    |
| 141093030F  | 0-300 | 0-12" |            |           |       | 60/20 |           | •      | •       | •       | •       | •           | •           | •        | •        |          | •          | •        | •       | •  |

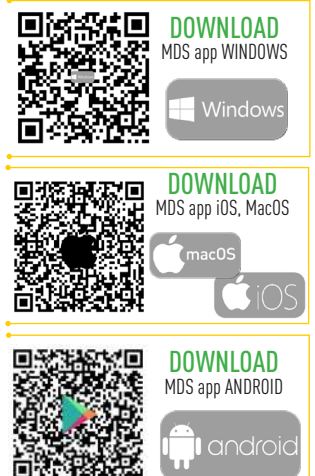
\*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

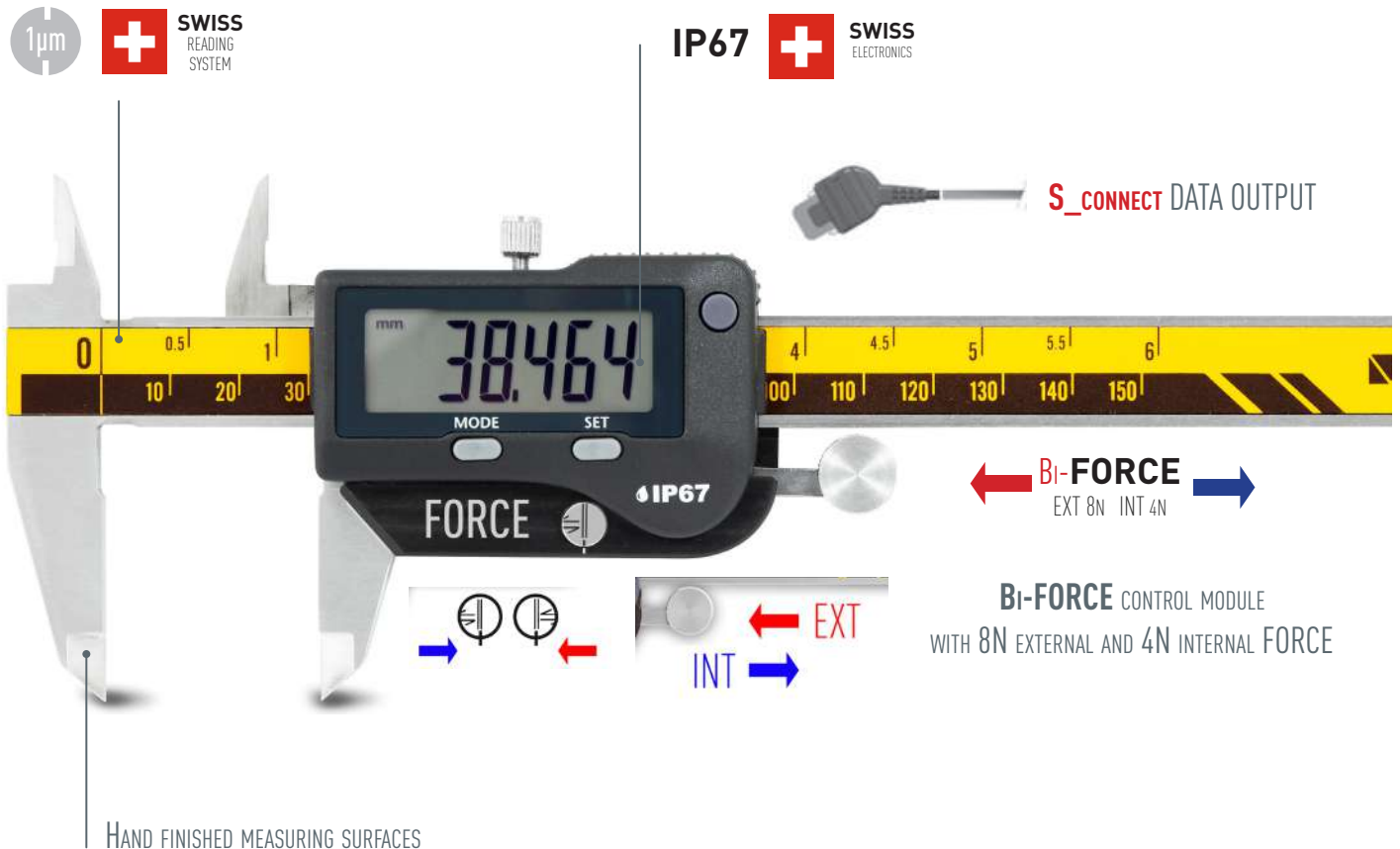


## DELIVERY SET



## OPTIONAL





## SWISSMET IP67 FUNCTIONS

|                                   |                                 |                                               |
|-----------------------------------|---------------------------------|-----------------------------------------------|
| <b>PrE</b><br>PRESET              | <b>Unit</b><br>mm/inch          | <b>Hold</b><br>HOLD                           |
| <b>SLEEP (SIS)</b><br>Auto ON/OFF | <b>IP67</b><br>IP 67 (IEC60529) | <b>SWISS ELECTRONICS</b><br>Swiss electronics |
| <b>S_connect</b> data output      |                                 | <b>Big display - 12mm Digit</b>               |

23.45



- **MICRON SwissMet IP67 Bi-Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- High accuracy up to  $\pm 5\mu\text{m}$  on external jaws (internal and depth according ISO13385)
- High quality **MICRON** Swiss electronics with PRESET function and **IP67** protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- **S\_connect** data output (with optional USB cable)
- Stainless steel caliper with hand finished measuring surfaces ( $R_a < 0.32\mu\text{m}$ )
- **MODIFICATION** with External ceramic tipped jaws non-magnetic, non-conductive and wear-resistant
- 3V battery (CR2032)
- Calibration certificate included (ISO17025 (Ilac MRA))

## MICRON SWISSMET IP67 BI-FORCE CALIPER

| Item No   | Range |       | Reso-<br>lution | Accu-<br>racy* | Double<br>force | Jaws  | Protection | Preset | mm/inch | Auto on/off | S_connect |
|-----------|-------|-------|-----------------|----------------|-----------------|-------|------------|--------|---------|-------------|-----------|
|           | mm    | inch  | mm              | $\mu\text{m}$  | N               | mm    |            |        |         |             |           |
| 141079122 | 0-150 | 0-6"  | 0,001           | $\pm 5$        | 8 ext           | 40/16 | IP-67      | •      | •       | •           | •         |
| 141079222 | 0-200 | 0-8"  |                 | $\pm 8$        |                 | 50/17 |            | •      | •       | •           | •         |
| 141079322 | 0-300 | 0-12" |                 | $\pm 10$       | 4 int           | 60/20 |            | •      | •       | •           | •         |

## CERAMIC MICRON SWISSMET IP67 BI-FORCE CALIPER

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy* | Double<br>force | Jaws  | Protection | Preset | mm/inch | Auto on/off | S_connect |
|------------|-------|-------|-----------------|----------------|-----------------|-------|------------|--------|---------|-------------|-----------|
|            | mm    | inch  | mm              | $\mu\text{m}$  | N               | mm    |            |        |         |             |           |
| 141079122K | 0-150 | 0-6"  | 0,001           | $\pm 5$        | 8 ext           | 40/16 | IP-67      | •      | •       | •           | •         |
| 141079222K | 0-200 | 0-8"  |                 | $\pm 8$        |                 | 50/17 |            | •      | •       | •           | •         |
| 141079322K | 0-300 | 0-12" |                 | $\pm 10$       | 4 int           | 60/20 |            | •      | •       | •           | •         |

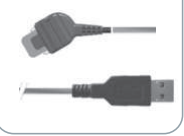
\*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

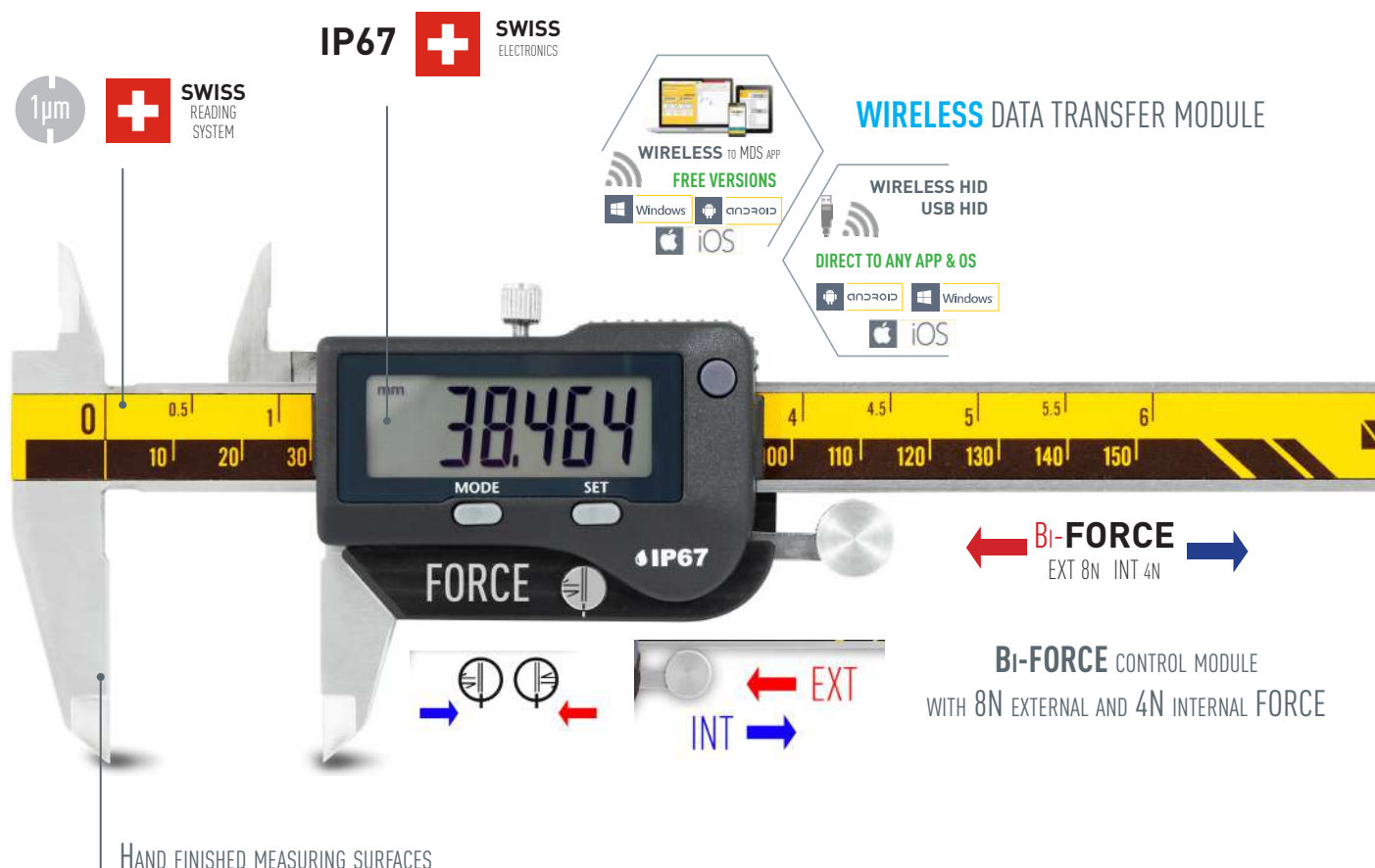
## DELIVERY SET



## OPTIONAL

SWISSMET DATA CABLE





## WIRELESS SWISSMet IP67 FUNCTIONS

|                                    |                                 |                                                  |
|------------------------------------|---------------------------------|--------------------------------------------------|
| <b>PrE</b><br>PRESET               | <b>Unit</b><br>mm/inch          | <b>23.45</b><br>Big display - 12mm Digit         |
| <b>SLEEP (sis)</b><br>Auto ON/OFF  | <b>IP67</b><br>IP 67 (IEC60529) | <b>SWISS</b><br>ELECTRONICS<br>Swiss electronics |
| <b>MDS APP</b><br>WIRELESS MDS app | <b>HID</b><br>WIRELESS HID      | <b>HID MAC</b><br>WIRELESS HID+MAC               |



**VIDEO**



**SwissMet**  
interface



**CONNECTION**  
possibilities



- **MICRON WIRELESS SwissMet IP67 Bi-Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- High accuracy up to  $\pm 5\mu\text{m}$  on external jaws (internal and depth according ISO13385)
- High quality **MICRON** Swiss electronics with PRESET function and **IP67** protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- **3 MODES WIRELESS** data transfer: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- Stainless steel caliper with hand finished measuring surfaces ( $R_a < 0.32\mu\text{m}$ )
- **MODIFICATION** with External ceramic tipped jaws non-magnetic, non-conductive and wear-resistant
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

## MICRON WIRELESS SwissMet IP67 Bi-FORCE CALIPER

| Item No   | Range |       | Resolution | Accuracy* | Double force | Jaws  | Protection | Preset | mm/inch | Auto on/off | WIRELESS |
|-----------|-------|-------|------------|-----------|--------------|-------|------------|--------|---------|-------------|----------|
|           | mm    | inch  |            |           |              |       |            |        |         |             |          |
| 141079192 | 0-150 | 0-6"  | 0,001      | $\pm 5$   | 8 ext        | 40/16 | IP-67      | •      | •       | •           | •        |
| 141079292 | 0-200 | 0-8"  |            | $\pm 8$   |              | 50/17 |            | •      | •       | •           | •        |
| 141079392 | 0-300 | 0-12" |            | $\pm 10$  | 4 int        | 60/20 |            | •      | •       | •           | •        |

## CERAMIC MICRON WIRELESS SwissMet IP67 Bi-FORCE CALIPER

| Item No    | Range |       | Resolution | Accuracy* | Double force | Jaws  | Protection | Preset | mm/inch | Auto on/off | WIRELESS |
|------------|-------|-------|------------|-----------|--------------|-------|------------|--------|---------|-------------|----------|
|            | mm    | inch  |            |           |              |       |            |        |         |             |          |
| 141079192K | 0-150 | 0-6"  | 0,001      | $\pm 5$   | 8 ext        | 40/16 | IP-67      | •      | •       | •           | •        |
| 141079292K | 0-200 | 0-8"  |            | $\pm 8$   |              | 50/17 |            | •      | •       | •           | •        |
| 141079392K | 0-300 | 0-12" |            | $\pm 10$  | 4 int        | 60/20 |            | •      | •       | •           | •        |

\*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1



**DOWNLOAD**  
MDS app WINDOWS





**DOWNLOAD**  
MDS app iOS, MacOS





**DOWNLOAD**  
MDS app ANDROID



## DELIVERY SET

FREE VERSIONS OF MDS APP





CALIBRATION PROTOCOL

## OPTIONAL

DATA MET BUTTON



DATA MET FOOTSWITCH

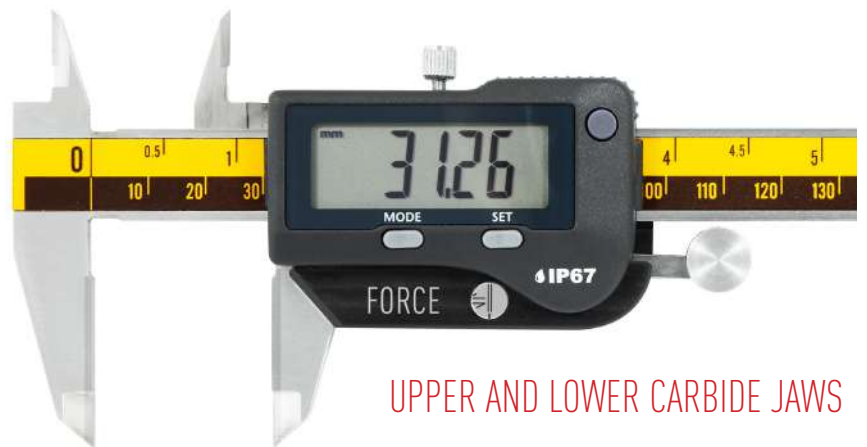
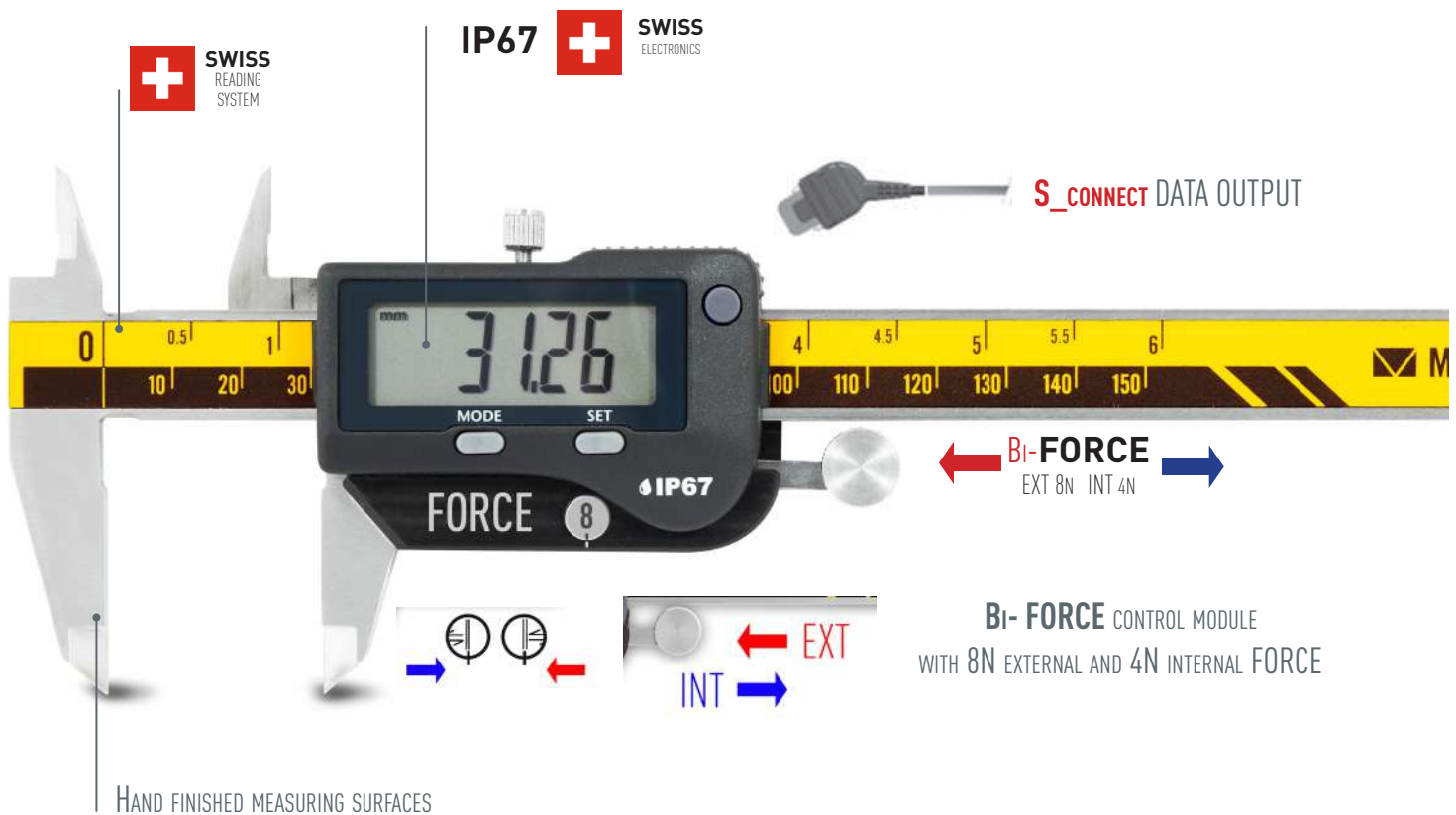


MDS DISPLAY UNIT



MDS SOFTWARE





## SWISSMET IP67 FUNCTIONS

|                                                |                                 |                                               |
|------------------------------------------------|---------------------------------|-----------------------------------------------|
| <b>PrE</b><br>PRESET                           | <b>Unit</b><br>mm/inch          | <b>Hold</b><br>HOLD                           |
| <b>SLEEP (SIS)</b><br>Auto ON/OFF              | <b>IP67</b><br>IP 67 (IEC60529) | <b>SWISS ELECTRONICS</b><br>Swiss electronics |
| <b>S_connect data output</b> (with cable icon) |                                 | <b>Big display - 12mm Digit</b><br>23.45      |



**VIDEO**



**SwissMet interface**



**CONNECTION possibilities**

- **SwissMet IP67 Bi-Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- High accuracy up to  $\pm 10\mu\text{m}$  on external jaws (internal and depth according ISO13385)
- High quality Swiss electronics with PRESET function and **IP67** protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- **S\_connect** data output (with optional USB cable)
- Stainless steel caliper with hand finished measuring surfaces ( $R_a < 0.32\mu\text{m}$ )
- **MODIFICATION** with Upper and Lower carbide jaws
- 3V battery (CR2032)
- Calibration certificate included (ISO17025 (Ilac MRA))

## SwissMet IP67 Bi-FORCE CALIPER

| Item No   | Range |       | Resolution | Accuracy* | Double force | Jaws  | Protection | Preset | mm/inch | Auto on/off | S_connect |
|-----------|-------|-------|------------|-----------|--------------|-------|------------|--------|---------|-------------|-----------|
|           | mm    | inch  |            |           |              |       |            |        |         |             |           |
| 141078122 | 0-150 | 0-6"  | 0,01       | $\pm 10$  | 8 ext        | 40/16 | IP-67      | •      | •       | •           | •         |
| 141078222 | 0-200 | 0-8"  |            | $\pm 10$  |              | 50/17 |            | •      | •       | •           | •         |
| 141078322 | 0-300 | 0-12" |            | $\pm 20$  | 4 int        | 60/20 |            | •      | •       | •           | •         |

## CARBIDE SwissMet IP67 Bi-FORCE CALIPER

| Item No    | Range |       | Resolution | Accuracy* | Double force | Jaws  | Protection | Preset | mm/inch | Auto on/off | S_connect |
|------------|-------|-------|------------|-----------|--------------|-------|------------|--------|---------|-------------|-----------|
|            | mm    | inch  |            |           |              |       |            |        |         |             |           |
| 141078122C | 0-150 | 0-6"  | 0,01       | $\pm 10$  | 8 ext        | 40/16 | IP-67      | •      | •       | •           | •         |
| 141078222C | 0-200 | 0-8"  |            | $\pm 10$  |              | 50/17 |            | •      | •       | •           | •         |
| 141078322C | 0-300 | 0-12" |            | $\pm 20$  | 4 int        | 60/20 |            | •      | •       | •           | •         |

\*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

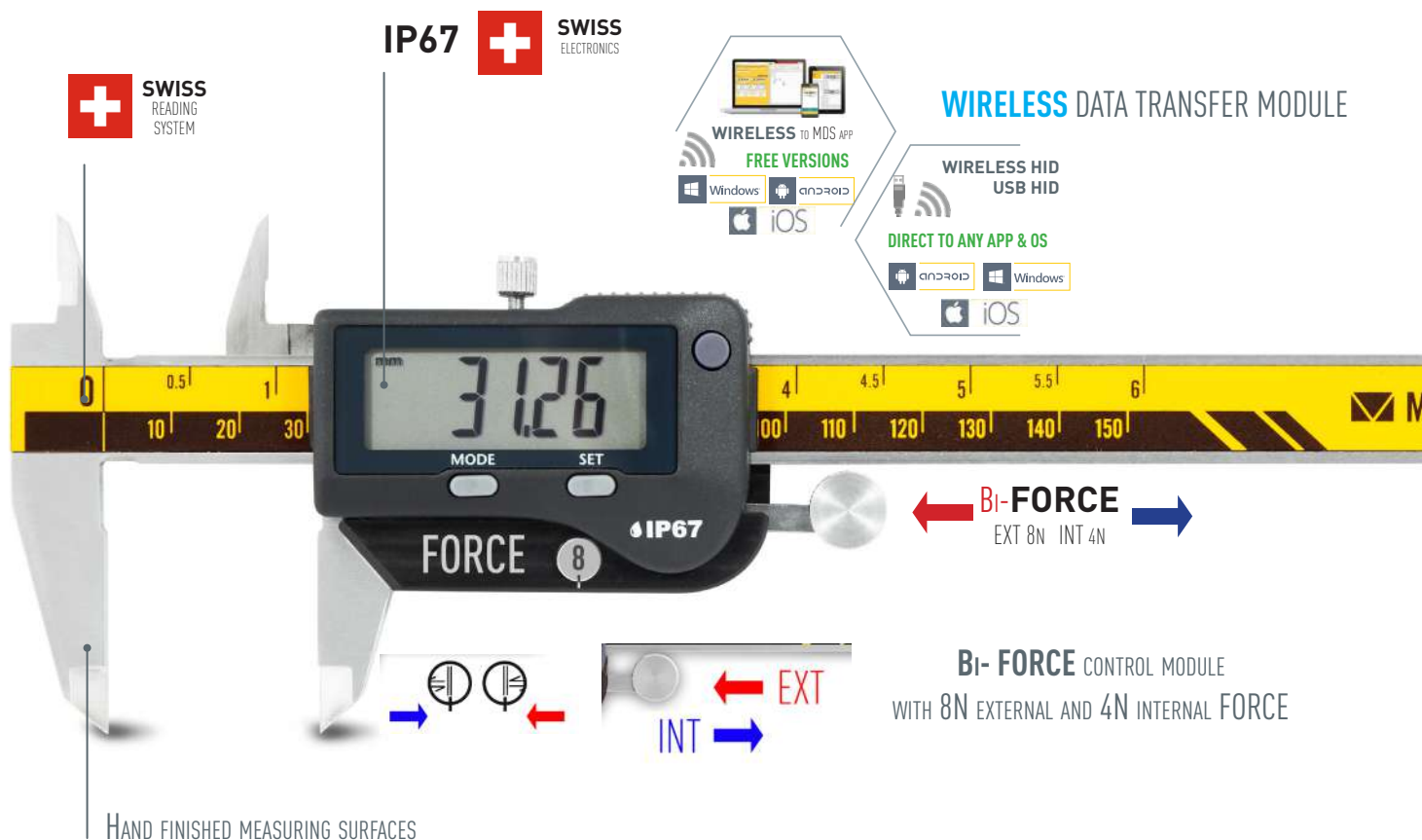
## DELIVERY SET



## OPTIONAL

SwissMet DATA CABLE





## WIRELESS SwissMet IP67 FUNCTIONS

|                                    |                                 |                                               |
|------------------------------------|---------------------------------|-----------------------------------------------|
| <b>PrE</b><br>PRESET               | <b>Unit</b><br>mm/inch          | <b>23.45</b><br>Big display - 12mm Digit      |
| <b>SLEEP (SIS)</b><br>Auto ON/OFF  | <b>IP67</b><br>IP 67 (IEC60529) | <b>SWISS ELECTRONICS</b><br>Swiss electronics |
| <b>MDS APP</b><br>WIRELESS MDS app | <b>HID</b><br>WIRELESS HID      | <b>HID MAC</b><br>WIRELESS HID+MAC            |



**VIDEO**



**SwissMet interface**



**CONNECTION possibilities**



- **WIRELESS SwissMet IP67 Bi-Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- High accuracy up to  $\pm 10\mu\text{m}$  on external jaws (internal and depth according ISO13385)
- High quality Swiss electronics with PRESET function and **IP67** protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- **3 MODES WIRELESS** data transfer: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- Stainless steel caliper with hand finished measuring surfaces ( $Ra < 0.32\mu\text{m}$ )
- **MODIFICATION** with Upper and Lower carbide jaws
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

## WIRELESS SwissMet IP67 Bi-FORCE CALIPER

| Item No   | Range |       | Resolution | Accuracy* | Double force | Jaws  | Protection | Preset | mm/inch | Auto on/off | WIRELESS |
|-----------|-------|-------|------------|-----------|--------------|-------|------------|--------|---------|-------------|----------|
|           | mm    | inch  |            |           |              |       |            |        |         |             |          |
| 141078192 | 0-150 | 0-6"  | 0,01       | $\pm 10$  | 8 ext        | 40/16 | IP-67      | •      | •       | •           | •        |
| 141078292 | 0-200 | 0-8"  |            | $\pm 10$  | 4 int        | 50/17 |            | •      | •       | •           | •        |
| 141078392 | 0-300 | 0-12" |            | $\pm 20$  |              | 60/20 |            | •      | •       | •           | •        |

## CARBIDE WIRELESS SwissMet IP67 Bi-FORCE CALIPER

| Item No    | Range |       | Resolution | Accuracy* | Double force | Jaws  | Protection | Preset | mm/inch | Auto on/off | WIRELESS |
|------------|-------|-------|------------|-----------|--------------|-------|------------|--------|---------|-------------|----------|
|            | mm    | inch  |            |           |              |       |            |        |         |             |          |
| 141078192C | 0-150 | 0-6"  | 0,01       | $\pm 10$  | 8 ext        | 40/16 | IP-67      | •      | •       | •           | •        |
| 141078292C | 0-200 | 0-8"  |            | $\pm 10$  | 4 int        | 50/17 |            | •      | •       | •           | •        |
| 141078392C | 0-300 | 0-12" |            | $\pm 20$  |              | 60/20 |            | •      | •       | •           | •        |

\*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1



**DOWNLOAD**  
MDS app WINDOWS



**DOWNLOAD**  
MDS app iOS, MacOS



**DOWNLOAD**  
MDS app ANDROID



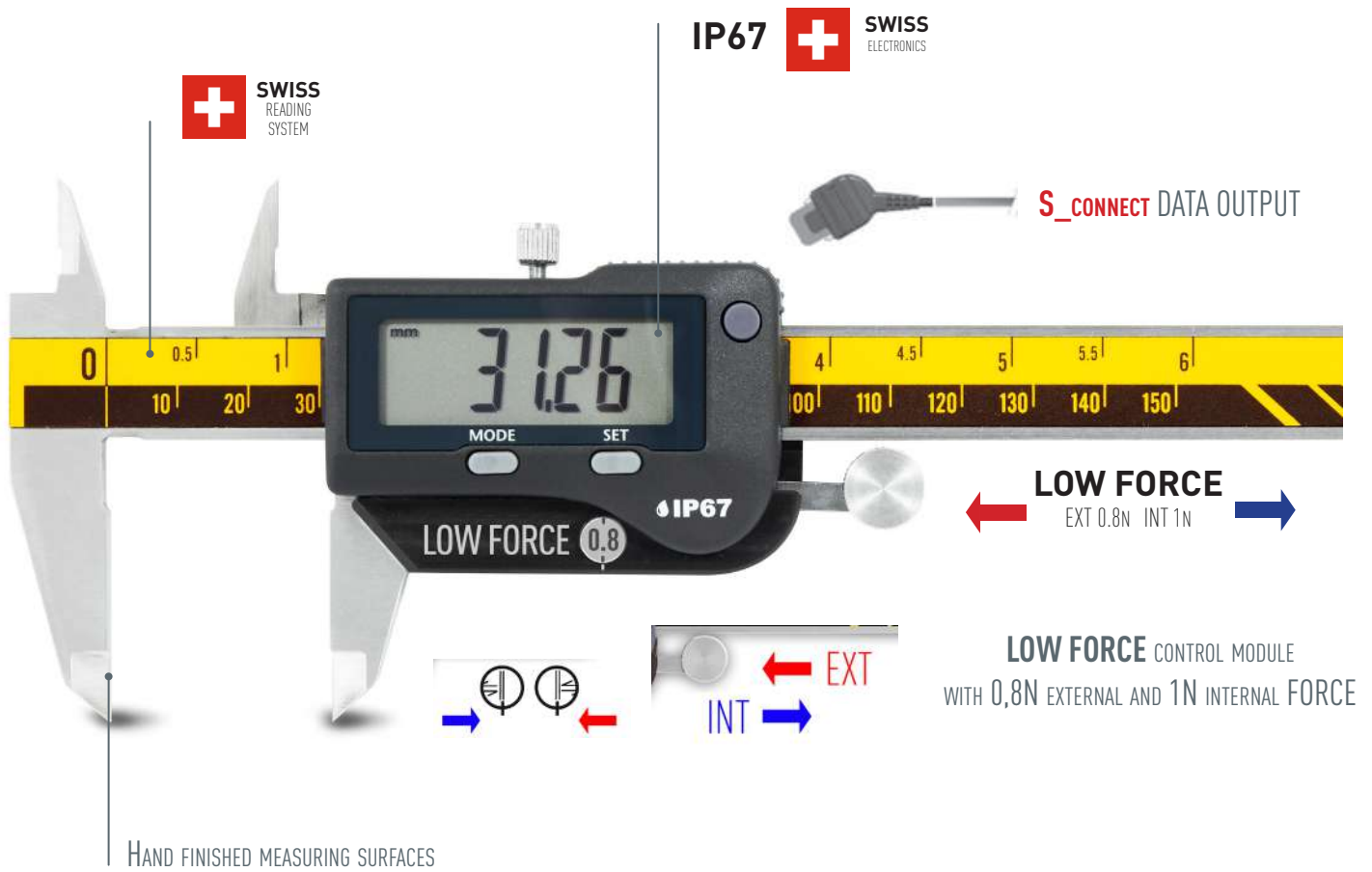
## DELIVERY SET

FREE VERSIONS OF MDS APP



## OPTIONAL





FOR SOFT MATERIALS



## SWISSMET IP67 FUNCTIONS

|                                   |                                 |                                               |
|-----------------------------------|---------------------------------|-----------------------------------------------|
| <b>PrE</b><br>PRESET              | <b>Unit</b><br>mm/inch          | <b>Hold</b><br>HOLD                           |
| <b>SLEEP (SIS)</b><br>Auto ON/OFF | <b>IP67</b><br>IP 67 (IEC60529) | <b>SWISS ELECTRONICS</b><br>Swiss electronics |
| S_connect data output             |                                 | Big display - 12mm Digit                      |

23.45



- **SwissMet IP67 LOW Force** digital caliper with 0.8N external and 1N internal FORCE for SOFT materials (Patents US10429165)
- Accuracy up to  $\pm 12\mu\text{m}$  on external jaws (internal and depth according ISO13385)
- High quality Swiss electronics with PRESET function and **IP67** protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate  $>10/\text{s}$
- **S\_connect** data output (with optional USB cable)
- Stainless steel caliper with hand finished measuring surfaces ( $R_a < 0.32\mu\text{m}$ )
- **MODIFICATION** with External ceramic tipped jaws non-magnetic, non-conductive and wear-resistant (equipped with **MICRON** electronics)
- 3V battery (CR2032)
- Calibration certificate included (ISO17025 (Ilac MRA))

## SWISSMET IP67 Low-FORCE CALIPER

| Item No   | Range |       | Reso-<br>lution | Accu-<br>racy* | Double<br>Low<br>force | Jaws  | Protection | Preset | mm/inch | Auto on/off | S_connect |
|-----------|-------|-------|-----------------|----------------|------------------------|-------|------------|--------|---------|-------------|-----------|
|           | mm    | inch  | mm              | $\mu\text{m}$  | N                      | mm    |            |        |         |             |           |
| 141077153 | 0-150 | 0-6"  | 0,01            | $\pm 30$       | 0,8 ext                | 40/16 | IP-67      | •      | •       | •           | •         |
| 141077253 | 0-200 | 0-8"  |                 | $\pm 30$       |                        | 50/17 |            | •      | •       | •           | •         |
| 141077353 | 0-300 | 0-12" |                 | $\pm 40$       | 1 int                  | 60/20 |            | •      | •       | •           | •         |

## CERAMIC MICRON SWISSMET IP67 Low-FORCE CALIPER

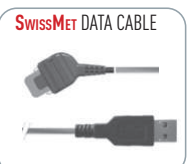
| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy* | Double<br>Low<br>force | Jaws  | Protection | Preset | mm/inch | Auto on/off | S_connect |
|------------|-------|-------|-----------------|----------------|------------------------|-------|------------|--------|---------|-------------|-----------|
|            | mm    | inch  | mm              | $\mu\text{m}$  | N                      | mm    |            |        |         |             |           |
| 141079153K | 0-150 | 0-6"  | 0,001           | $\pm 12$       | 0,8 ext                | 40/16 | IP-67      | •      | •       | •           | •         |
| 141079253K | 0-200 | 0-8"  |                 | $\pm 15$       |                        | 50/17 |            | •      | •       | •           | •         |
| 141079353K | 0-300 | 0-12" |                 | $\pm 20$       | 1 int                  | 60/20 |            | •      | •       | •           | •         |

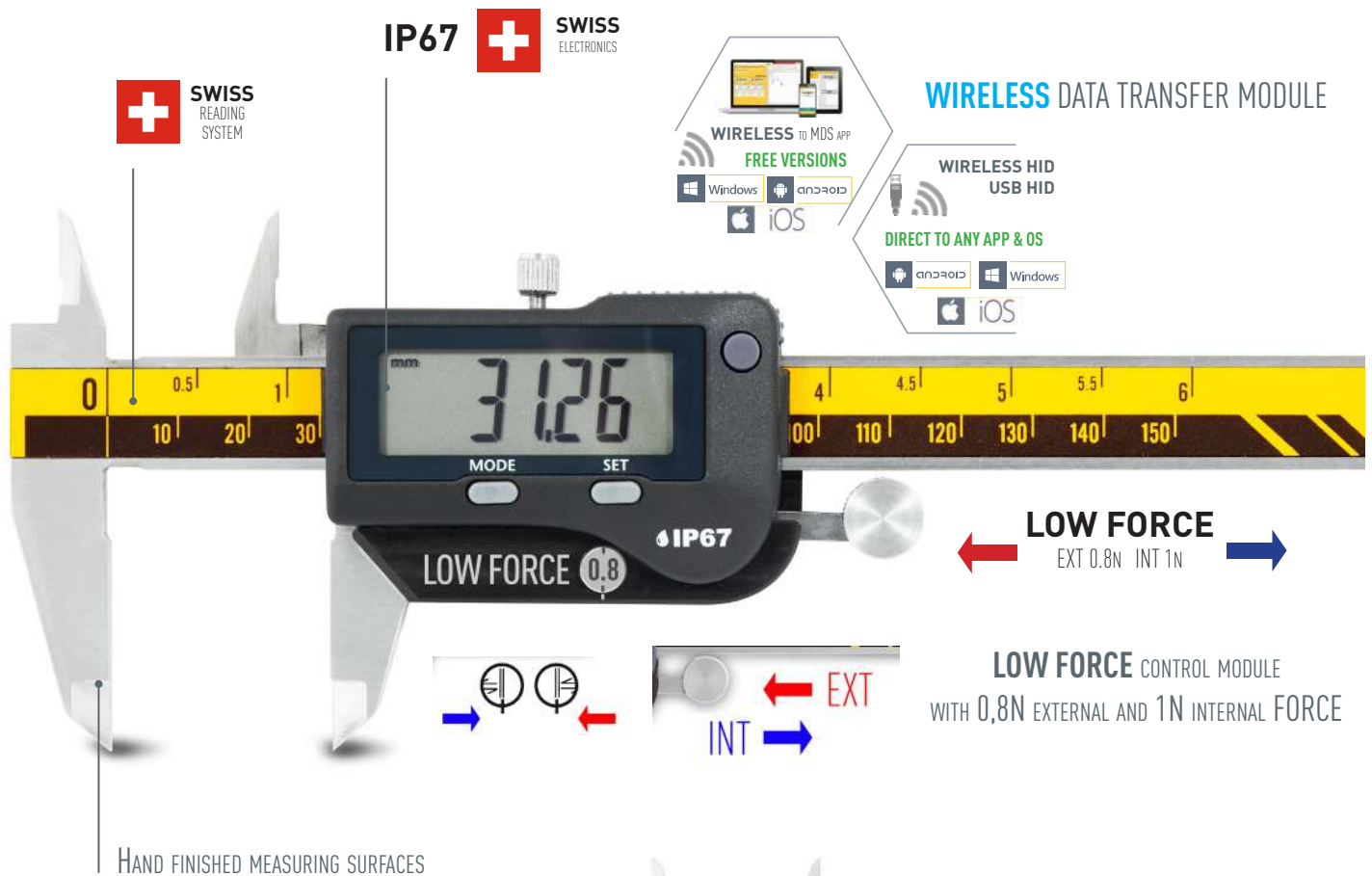
\*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

## DELIVERY SET



## OPTIONAL





FOR SOFT MATERIALS



## WIRELESS SwissMet IP67 FUNCTIONS

|                                    |                                 |                                          |
|------------------------------------|---------------------------------|------------------------------------------|
| <b>PrE</b><br>PRESET               | <b>Unit</b><br>mm/inch          | <b>23.45</b><br>Big display - 12mm Digit |
| <b>SLEEP (SIS)</b><br>Auto ON/OFF  | <b>IP67</b><br>IP 67 (IEC60529) | <b>SWISS</b> ELECTRONICS                 |
| <b>MDS APP</b><br>WIRELESS MDS app | <b>HID</b><br>WIRELESS HID      | <b>HID MAC</b><br>WIRELESS HID+MAC       |



VIDEO



SwissMet interface



CONNECTION possibilities



- **WIRELESS SwissMet IP67 LOW Force** digital caliper with 0.8N external and 1N internal FORCE for SOFT materials (Patents US10429165)
- Accuracy up to  $\pm 12\mu\text{m}$  on external jaws (internal and depth according ISO13385)
- High quality Swiss electronics with PRESET function and **IP67** protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate  $>10/\text{s}$
- **3 MODES WIRELESS** data transfer: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- Stainless steel caliper with hand finished measuring surfaces ( $Ra < 0.32\mu\text{m}$ )
- **MODIFICATION** with External ceramic tipped jaws non-magnetic, non-conductive and wear-resistant (equipped with **MICRON** electronics)
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

## WIRELESS SWISSMET IP67 Low-FORCE CALIPER

| Item No   | Range |       | Reso-<br>lution | Accu-<br>racy* | Double<br>Low<br>force | Jaws  | Protection | Preset | mm/inch | Auto on/off | WIRELESS |
|-----------|-------|-------|-----------------|----------------|------------------------|-------|------------|--------|---------|-------------|----------|
|           | mm    | inch  | mm              | $\mu\text{m}$  | N                      | mm    |            |        |         |             |          |
| 141077193 | 0-150 | 0-6"  | 0,01            | $\pm 30$       | 0,8 ext                | 40/16 | IP-67      | •      | •       | •           | •        |
| 141077293 | 0-200 | 0-8"  |                 | $\pm 30$       | 1 int                  | 50/17 |            | •      | •       | •           | •        |
| 141077393 | 0-300 | 0-12" |                 | $\pm 40$       |                        | 60/20 |            | •      | •       | •           | •        |

## CERAMIC MICRON WIRELESS SWISSMET IP67 Low-FORCE CALIPER

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy* | Double<br>Low<br>force | Jaws  | Protection | Preset | mm/inch | Auto on/off | WIRELESS |
|------------|-------|-------|-----------------|----------------|------------------------|-------|------------|--------|---------|-------------|----------|
|            | mm    | inch  | mm              | $\mu\text{m}$  | N                      | mm    |            |        |         |             |          |
| 141079193K | 0-150 | 0-6"  | 0,001           | $\pm 12$       | 0,8 ext                | 40/16 | IP-67      | •      | •       | •           | •        |
| 141079293K | 0-200 | 0-8"  |                 | $\pm 15$       | 1 int                  | 50/17 |            | •      | •       | •           | •        |
| 141079393K | 0-300 | 0-12" |                 | $\pm 20$       |                        | 60/20 |            | •      | •       | •           | •        |

\*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1



## DELIVERY SET



## OPTIONAL





**SWISS**  
READING  
SYSTEM

**IP67**



**SWISS**  
ELECTRONICS



**S\_connect** DATA OUTPUT



HAND FINISHED MEASURING SURFACES



EXTERNAL CERAMIC TIPPED JAWS

## SWISSMET IP67 FUNCTIONS

**PrE** **Unit** **Hold**

PRESET

mm/inch

HOLD

**SLEEP (SIS)**

**IP67**



**SWISS**  
ELECTRONICS

Auto ON/OFF

IP 67 (IEC60529)

Swiss electronics



**S\_connect** data output

**23.45**

Big display - 12mm Digit



**VIDEO**



**SwissMet**  
interface



**CONNECTION**  
possibilities



- **MICRON SwissMet IP67** digital caliper
- Accuracy up to  $\pm 15 \mu\text{m}$  on external jaws (internal and depth according ISO13385)
- High quality **MICRON** Swiss electronics with PRESET function and **IP67** protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- **S\_connect** data output (with optional **S\_connect** USB cable)
- Stainless steel caliper with hand finished measuring surfaces ( $R_a < 0.32 \mu\text{m}$ )
- **MODIFICATION** with Upper and Lower carbide jaws
- 3V battery (CR2032)
- Calibration certificate included (ISO17025 (Ilac MRA))

## MICRON SWISSMET IP67

DIGITAL CALIPER

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy | Jaws  | Protection | Round rod | Preset | mm/inch | Auto on/off | S_connect |
|------------|-------|-------|-----------------|---------------|-------|------------|-----------|--------|---------|-------------|-----------|
|            | mm    | inch  | mm              | $\mu\text{m}$ |       |            |           |        |         |             |           |
| 141073122  | 0-150 | 0-6"  | 0.001           | $\pm 15$      | 40/16 | IP-67      |           | •      | •       | •           | •         |
| 141073122R |       |       |                 |               |       |            | •         | •      | •       | •           | •         |
| 141073222  | 0-200 | 0-8"  |                 | $\pm 15$      | 50/17 |            |           | •      | •       | •           | •         |
| 141073322  | 0-300 | 0-12" |                 | $\pm 20$      | 60/20 |            |           | •      | •       | •           | •         |

## CERAMIC MICRON SWISSMET IP67

DIGITAL CALIPER

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy | Jaws  | Protection | Preset | mm/inch | Auto on/off | S_connect |
|------------|-------|-------|-----------------|---------------|-------|------------|--------|---------|-------------|-----------|
|            | mm    | inch  | mm              | $\mu\text{m}$ |       |            |        |         |             |           |
| 141073122K | 0-150 | 0-6"  | 0.001           | $\pm 15$      | 40/16 | IP-67      | •      | •       | •           | •         |
| 141073222K | 0-200 | 0-8"  |                 | $\pm 15$      | 50/17 |            | •      | •       | •           | •         |
| 141073322K | 0-300 | 0-12" |                 | $\pm 20$      | 60/20 |            | •      | •       | •           | •         |

\*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

## DELIVERY SET



## OPTIONAL

SWISSMET DATA CABLE





## WIRELESS SwissMet IP67 FUNCTIONS

|                                    |                                 |                                               |
|------------------------------------|---------------------------------|-----------------------------------------------|
| <b>PrE</b><br>PRESET               | <b>Unit</b><br>mm/inch          | <b>23.45</b><br>Big display - 12mm Digit      |
| <b>SLEEP (SIS)</b><br>Auto ON/OFF  | <b>IP67</b><br>IP 67 (IEC60529) | <b>SWISS ELECTRONICS</b><br>Swiss electronics |
| <b>MDS APP</b><br>WIRELESS MDS app | <b>HID</b><br>WIRELESS HID      | <b>HID MAC</b><br>WIRELESS HID+MAC            |



VIDEO



SwissMet interface



CONNECTION possibilities



- **WIRELESS MICRON SwissMet IP67** digital caliper
- Accuracy up to  $\pm 15\mu\text{m}$  on external jaws (internal and depth according ISO13385)
- High quality **MICRON** Swiss electronics with PRESET function and **IP67** protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- **3 MODES WIRELESS** data transfer: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- Stainless steel caliper with hand finished measuring surfaces ( $R_a < 0.32\mu\text{m}$ )
- **MODIFICATION** with External ceramic tipped jaws non-magnetic, non-conductive and wear-resistant
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

## WIRELESS MICRON SwissMet IP67

DIGITAL CALIPER

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy | Jaws  | Protection | Round rod | Preset | mm/inch | Auto on/off | WIRELESS |
|------------|-------|-------|-----------------|---------------|-------|------------|-----------|--------|---------|-------------|----------|
|            | mm    | inch  | mm              | $\mu\text{m}$ |       |            |           |        |         |             |          |
| 141073192  | 0-150 | 0-6"  | 0,001           | $\pm 15$      | 40/16 | IP-67      |           | •      | •       | •           | •        |
| 141073192R |       |       |                 |               |       |            | •         | •      | •       | •           | •        |
| 141073292  | 0-200 | 0-8"  |                 | $\pm 15$      | 50/17 |            |           | •      | •       | •           | •        |
| 141073392  | 0-300 | 0-12" |                 | $\pm 20$      | 60/20 |            |           | •      | •       | •           | •        |

## CERAMIC WIRELESS MICRON SwissMet IP67

DIGITAL CALIPER

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy | Jaws  | Protection | Preset | mm/inch | Auto on/off | WIRELESS |
|------------|-------|-------|-----------------|---------------|-------|------------|--------|---------|-------------|----------|
|            | mm    | inch  | mm              | $\mu\text{m}$ |       |            |        |         |             |          |
| 141073192K | 0-150 | 0-6"  | 0,001           | $\pm 15$      | 40/16 | IP-67      | •      | •       | •           | •        |
| 141073292K | 0-200 | 0-8"  |                 | $\pm 15$      | 50/17 |            | •      | •       | •           | •        |
| 141073392K | 0-300 | 0-12" |                 | $\pm 20$      | 60/20 |            | •      | •       | •           | •        |



**DOWNLOAD**  
MDS app WINDOWS



**DOWNLOAD**  
MDS app iOS, MacOS



**DOWNLOAD**  
MDS app ANDROID



## DELIVERY SET

FREE VERSIONS OF MDS APP



CALIBRATION PROTOCOL

## OPTIONAL

DATAmet BUTTON



DATAmet FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE





HAND FINISHED MEASURING SURFACES



UPPER AND LOWER CARBIDE JAWS

## SwissMet IP67 FUNCTIONS

|                                   |                                 |                                               |
|-----------------------------------|---------------------------------|-----------------------------------------------|
| <b>PrE</b><br>PRESET              | <b>Unit</b><br>mm/inch          | <b>Hold</b><br>HOLD                           |
| <b>SLEEP (SIS)</b><br>Auto ON/OFF | <b>IP67</b><br>IP 67 (IEC60529) | <b>SWISS ELECTRONICS</b><br>Swiss electronics |
|                                   |                                 | <b>Big display - 12mm Digit</b><br>           |



VIDEO



CONNECTION possibilities



SwissMet interface

- **SwissMet IP67** digital caliper
- Accuracy up to  $\pm 20\mu\text{m}$  on external jaws (internal and depth according ISO13385)
- High quality Swiss electronics with PRESET function and **IP67** protection (IEC60529)
- Stainless steel caliper with hand finished measuring surfaces ( $R_a < 0.32$ )
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate  $> 10/\text{s}$
- **S\_connect** data output (with optional USB cable)
- Stainless steel caliper with hand finished measuring surfaces ( $R_a < 0.32\mu\text{m}$ )
- **MODIFICATION** with Upper and Lower carbide jaws
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

**SWISSMET IP67** DIGITAL CALIPER

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy | Jaws  | Protection | Round rod | Preset | mm/inch | Auto on/off | HOLD | S_connect |
|------------|-------|-------|-----------------|---------------|-------|------------|-----------|--------|---------|-------------|------|-----------|
|            | mm    | inch  | mm              | $\mu\text{m}$ |       |            |           |        |         |             |      |           |
| 141072102  | 0-150 | 0-6"  | 0,01            | $\pm 20$      | 40/16 | IP-67      |           | •      | •       | •           | •    | •         |
| 141072102R |       |       |                 | $\pm 20$      | 50/17 |            | •         | •      | •       | •           | •    | •         |
| 141072202  | 0-200 | 0-8"  |                 | $\pm 20$      | 60/20 |            |           | •      | •       | •           | •    | •         |
| 141072302  | 0-300 | 0-12" |                 | $\pm 30$      |       |            | •         | •      | •       | •           | •    | •         |

**CARBIDE SWISSMET IP67** DIGITAL CALIPER

| Item No    | Range |       | Reso-<br>lution | Accur-<br>acy | Jaws  | Protection | Preset | mm/inch | Auto on/off | HOLD | S_connect |
|------------|-------|-------|-----------------|---------------|-------|------------|--------|---------|-------------|------|-----------|
|            | mm    | inch  | mm              | $\mu\text{m}$ |       |            |        |         |             |      |           |
| 141072122C | 0-150 | 0-6"  | 0,01            | $\pm 20$      | 40/16 | IP-67      | •      | •       | •           | •    | •         |
| 141072222C | 0-200 | 0-8"  |                 | $\pm 20$      | 50/17 |            | •      | •       | •           | •    | •         |
| 141072322C | 0-300 | 0-12" |                 | $\pm 30$      | 60/20 |            | •      | •       | •           | •    | •         |

**DELIVERY SET**

**OPTIONAL**
**SWISSMET DATA CABLE**




HAND FINISHED MEASURING SURFACES



UPPER AND LOWER CARBIDE JAWS

## WIRELESS SWISSMET IP67 FUNCTIONS

|                                    |                                 |                                               |
|------------------------------------|---------------------------------|-----------------------------------------------|
| <b>PrE</b><br>PRESET               | <b>Unit</b><br>mm/inch          | <b>23.45</b><br>Big display - 12mm Digit      |
| <b>SLEEP (SIS)</b><br>Auto ON/OFF  | <b>IP67</b><br>IP 67 (IEC60529) | <b>SWISS ELECTRONICS</b><br>Swiss electronics |
| <b>MDS APP</b><br>WIRELESS MDS app | <b>HID</b><br>WIRELESS HID      | <b>HID MAC</b><br>WIRELESS HID+MAC            |





- **WIRELESS SwissMet IP67** digital caliper
- Accuracy up to  $\pm 20\mu\text{m}$  on external jaws (internal and depth according ISO13385)
- High quality Swiss electronics with PRESET function and **IP67** protection (IEC60529)
- Stainless steel caliper with hand finished measuring surfaces ( $R_a < 0.32$ )
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate  $> 10/\text{s}$
- **3 MODES WIRELESS** data transfer: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- Stainless steel caliper with hand finished measuring surfaces ( $R_a < 0.32\mu\text{m}$ )
- **MODIFICATION** with Upper and Lower CARBIDE jaws
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

## WIRELESS SwissMet IP67 DIGITAL CALIPER

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy | Jaws  | Protection | Round rod | Preset | mm/inch | Auto on/off | WIRELESS |
|------------|-------|-------|-----------------|---------------|-------|------------|-----------|--------|---------|-------------|----------|
|            | mm    | inch  | mm              | $\mu\text{m}$ |       |            |           |        |         |             |          |
| 141072192  | 0-150 | 0-6"  | 0,01            | $\pm 20$      | 40/16 | IP-67      |           | •      | •       | •           | •        |
| 141072192R | 0-150 | 0-6"  |                 | $\pm 20$      | 40/16 |            | •         | •      | •       | •           | •        |
| 141072292  | 0-200 | 0-8"  |                 | $\pm 20$      | 50/17 |            |           | •      | •       | •           | •        |
| 141072392  | 0-300 | 0-12" |                 | $\pm 30$      | 60/20 |            |           | •      | •       | •           | •        |

## CARBIDE WIRELESS SwissMet IP67 DIGITAL CALIPER

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy | Jaws  | Protection | Preset | mm/inch | Auto on/off | WIRELESS |
|------------|-------|-------|-----------------|---------------|-------|------------|--------|---------|-------------|----------|
|            | mm    | inch  | mm              | $\mu\text{m}$ |       |            |        |         |             |          |
| 141072192C | 0-150 | 0-6"  | 0,01            | $\pm 20$      | 40/16 | IP-67      | •      | •       | •           | •        |
| 141072292C | 0-200 | 0-8"  |                 | $\pm 20$      | 50/17 |            | •      | •       | •           | •        |
| 141072392C | 0-300 | 0-12" |                 | $\pm 30$      | 60/20 |            | •      | •       | •           | •        |



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## DELIVERY SET



## OPTIONAL



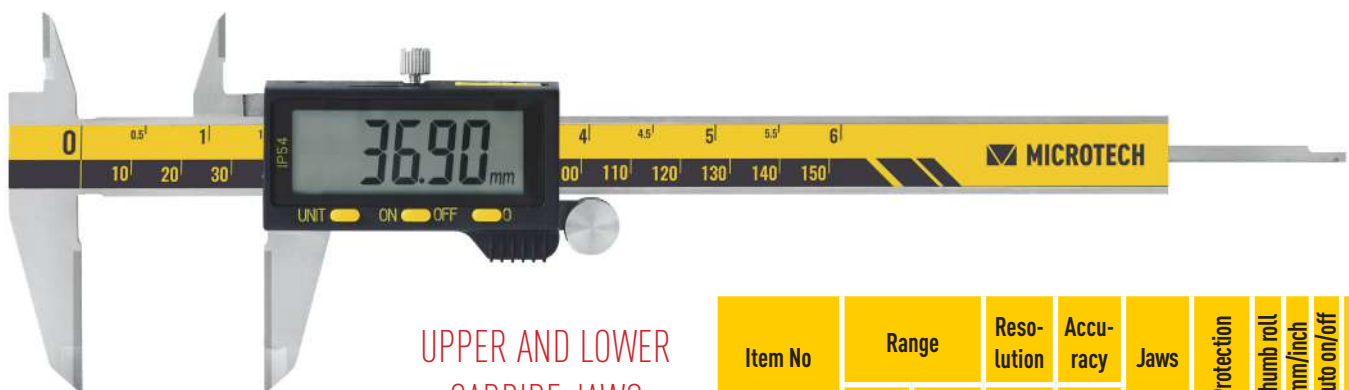
- Big screen **CertiMet** digital caliper **IP54** waterproof with optimal price level
- Micro USB data output (optional USB HID cable **29900830**)
- Stainless steel caliper with hand finished measuring surfaces ( $Ra < 0.32 \mu m$ )
- **MODIFICATION** with or without thumb roller
- **MODIFICATION** with Upper and Lower CARBIDE jaws
- 3V battery (CR2032)
- Calibration certificate included (ISO17025 (Ilac MRA))



HAND FINISHED MEASURING SURFACES

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy | Jaws  | Protection | Thumb roller | Round rod<br>mm/inch | Auto on/off | Data output |
|------------|-------|-------|-----------------|---------------|-------|------------|--------------|----------------------|-------------|-------------|
|            | mm    | inch  | mm              | $\mu m$       |       |            |              |                      |             |             |
| 141083111  | 0-150 | 0-6"  | 0,01            | $\pm 20$      | 40/16 | IP-54      |              |                      |             | micro-USB   |
| 141083112  |       |       |                 |               |       |            |              |                      |             |             |
| 141083112R |       |       |                 |               |       |            |              |                      |             |             |
| 141083211  | 0-200 | 0-8"  | 0,01            | $\pm 20$      | 50/17 | IP-54      |              |                      |             |             |
| 141083212  |       |       |                 |               |       |            |              |                      |             |             |
| 141083311  | 0-300 | 0-12" | 0,01            | $\pm 30$      | 60/20 | IP-54      |              |                      |             |             |
| 141083312  |       |       |                 |               |       |            |              |                      |             |             |

## CARBIDE **CERTIMET** DIGITAL CALIPER IP54



UPPER AND LOWER  
CARBIDE JAWS

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy | Jaws  | Protection | Thumb roll | mm/inch | Auto on/off | Data output |
|------------|-------|-------|-----------------|---------------|-------|------------|------------|---------|-------------|-------------|
|            | mm    | inch  | mm              | $\mu m$       |       |            |            |         |             |             |
| 141083111C | 0-150 | 0-6"  | 0,01            | $\pm 20$      | 40/16 | IP-54      |            |         |             | micro-USB   |
| 141083212C | 0-200 | 0-8"  |                 | $\pm 20$      | 50/17 |            |            |         |             |             |
| 141083312C | 0-300 | 0-12" |                 | $\pm 30$      | 60/20 |            |            |         |             |             |

## DELIVERY SET



## OPTIONAL

**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE  
A KEYBOARD



- CertiMet digital caliper IP54 with PRESET function
- Micro USB data output (optional USB HID cable 29900830)
- Stainless steel caliper with hand finished measuring surfaces ( $Ra < 0.32 \mu m$ )
- 3V battery (CR2032)
- Calibration certificate included (ISO17025 (Ilac MRA))



HAND FINISHED MEASURING SURFACES

PRESET  
FUNCTION

| Item No    | Range |       | Resolution | Accuracy | Jaws  | Protection | Round rod | Preset | mm/inch | Auto on/off | Data output |
|------------|-------|-------|------------|----------|-------|------------|-----------|--------|---------|-------------|-------------|
|            | mm    | inch  |            | $\mu m$  |       |            |           |        |         |             |             |
| 141081112  | 0-150 | 0-6"  | 0,01       | $\pm 20$ | 40/16 | IP-54      |           | •      | •       | •           | micro-USB   |
| 141081112R |       |       |            |          |       |            | •         | •      | •       | •           |             |
| 141081212  | 0-200 | 0-8"  |            | $\pm 20$ | 50/17 |            |           | •      | •       | •           |             |
| 141081312  | 0-300 | 0-12" |            | $\pm 30$ | 60/20 |            |           | •      | •       | •           |             |

## DELIVERY SET

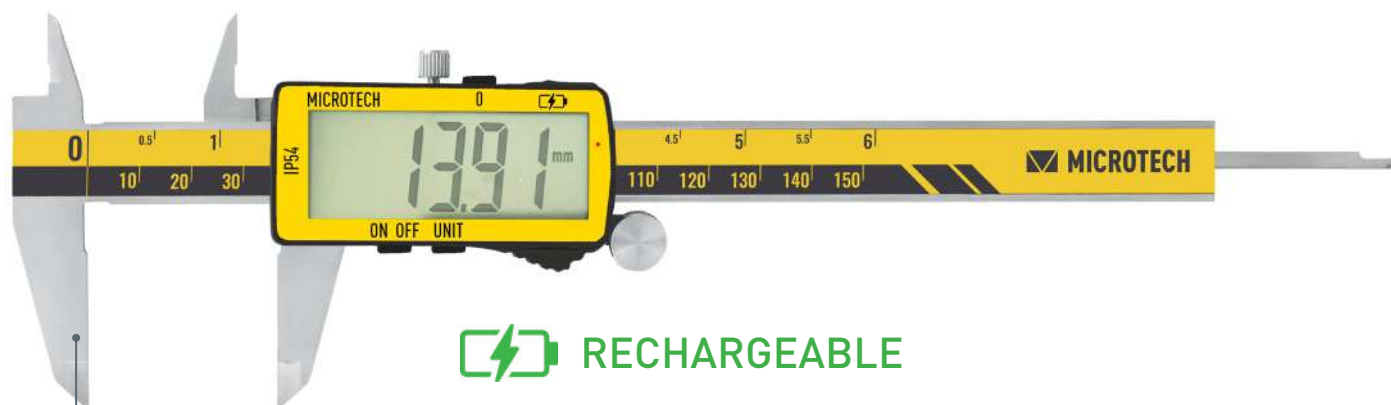


## OPTIONAL

**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE A  
KEYBOARD



- **CertiMet RECHARGEABLE** Big screen digital caliper **IP54** waterproof in Metal casing
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- Internal Li-Pol battery (USB charging cable including)
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



HAND FINISHED MEASURING SURFACES

| Item No   | Range |       | Reso-<br>lution | Accu-<br>racy | Jaws  | Protection | Thumb roller | mm/inch | Auto on/off | Rechargeable | USB       |
|-----------|-------|-------|-----------------|---------------|-------|------------|--------------|---------|-------------|--------------|-----------|
|           | mm    | inch  | mm              | µm            |       |            |              |         |             |              |           |
| 141080112 | 0-150 | 0-6"  |                 | ±20           | 40/16 |            | •            | •       | •           | •            | micro-USB |
| 141080212 | 0-200 | 0-8"  | 0,01            | ±20           | 50/17 | IP-54      | •            | •       | •           | •            |           |
| 141080312 | 0-300 | 0-12" |                 | ±30           | 60/20 |            | •            | •       | •           | •            |           |

## DELIVERY SET



## OPTIONAL

**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE A  
KEYBOARD





- CertiMet digital caliper **IP67** waterproof
- Waterproof **IP67** electronics with **5µm** or **10µm** resolution
- **HOLD** function
- Stainless steel caliper with hand finished measuring surfaces ( $Ra < 0.32\mu m$ )
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

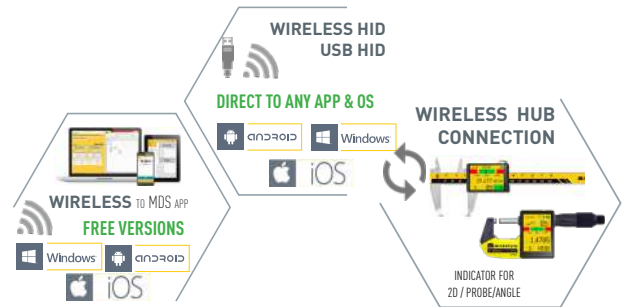
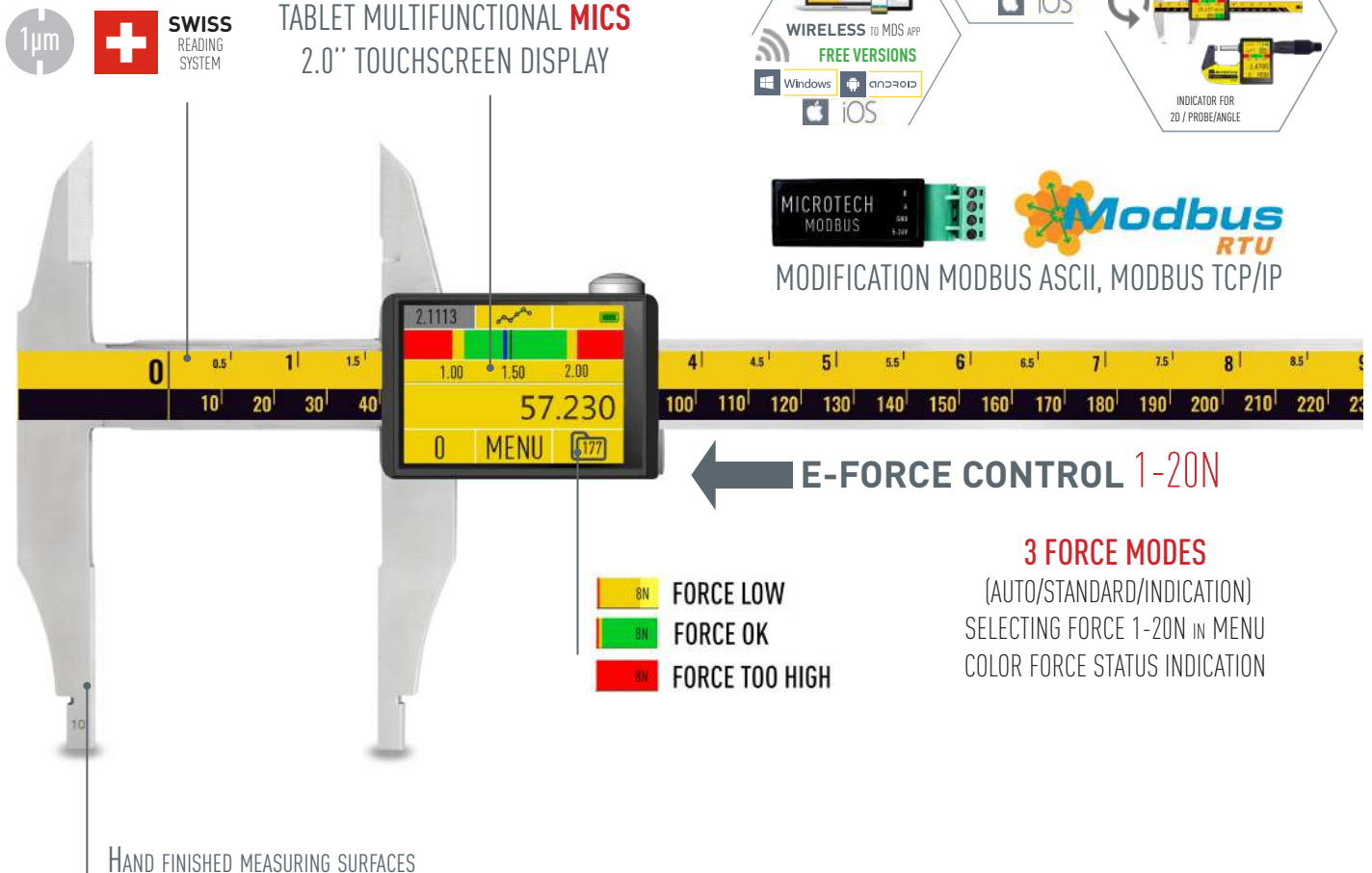


| Item No   | Range |       | Reso-<br>lution | Accu-<br>racy | Jaws  | mm/inch | Auto on/off | HOLD |
|-----------|-------|-------|-----------------|---------------|-------|---------|-------------|------|
|           | mm    | inch  | mm              | µm            |       |         |             |      |
| 141085102 | 0-150 | 0-6"  | 0,01            | ±20           | 40/16 | •       | •           | •    |
| 141085112 |       |       | 0,005           |               |       | •       | •           | •    |
| 141085202 | 0-200 | 0-8"  | 0,01            | ±20           | 50/17 | •       | •           | •    |
| 141085212 |       |       | 0,005           |               |       | •       | •           | •    |
| 141085302 | 0-300 | 0-12" | 0,01            | ±30           | 60/20 | •       | •           | •    |
| 141085312 |       |       | 0,005           |               |       | •       | •           | •    |

VIDEO

## DELIVERY SET





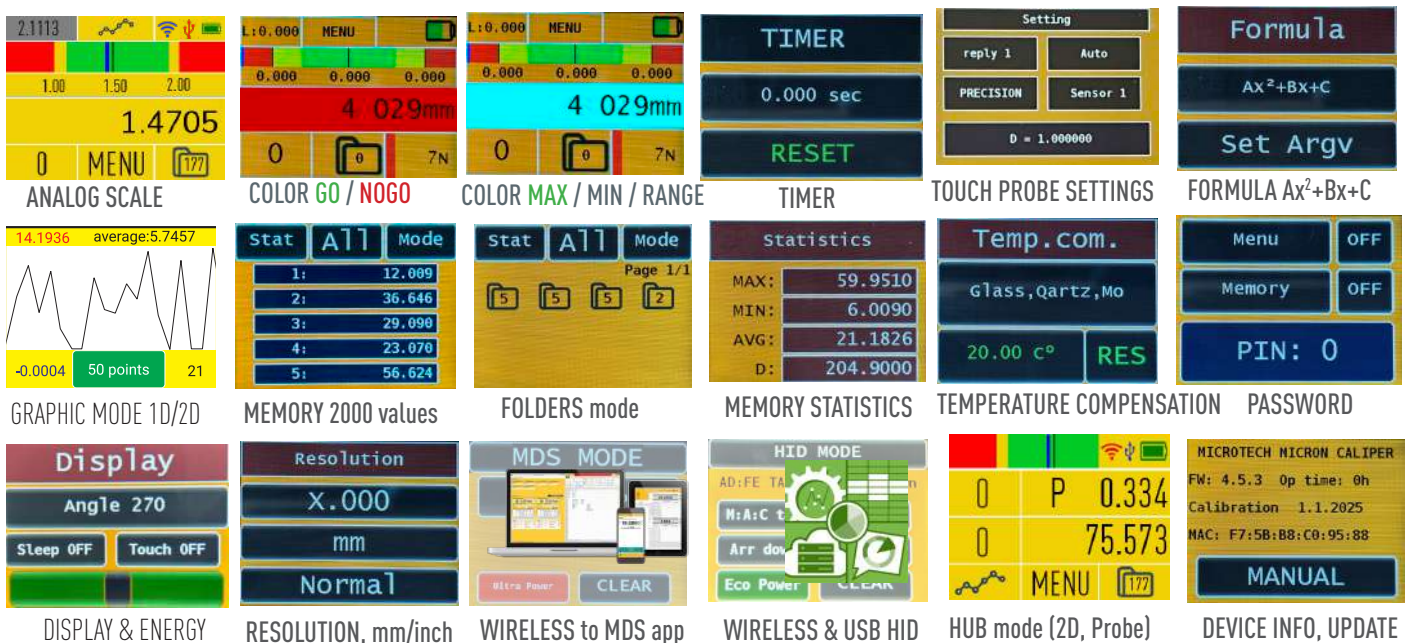
**MICROTECH MODBUS** **Modbus RTU**  
MODIFICATION MODBUS ASCII, MODBUS TCP/IP

**E-FORCE CONTROL 1-20N**

- 8N **FORCE LOW**
- 8N **FORCE OK**
- 8N **FORCE TOO HIGH**

**3 FORCE MODES**  
(AUTO/STANDARD/INDICATION)  
SELECTING FORCE 1-20N IN MENU  
COLOR FORCE STATUS INDICATION

## DATAmet FUNCTIONS



- Industry 4.0 adopted Mid-size caliper with computerized **MICS** system with 2.0" color Touchscreen (Patents US10184772,UA174949,UA126928)
- MICRON with **SWISS made reading system** resolution **1 micron** (0,0005/0,001/0,01/0,1mm selection)
- Long jaws up for internal (>10mm) and external measuring, Upper jaws with measuring tips
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- E-Force control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- MODIFICATION MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))

## MICRON DataMet E-FORCE CALIPER EXTERNAL KNIFE-EDGE JAWS

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy* | Force | Jaws   | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Auto off | Password | Memory | Statistics | WIRELESS | USB HID |
|------------|-------|-------|-----------------|----------------|-------|--------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|----------|----------|--------|------------|----------|---------|
|            | mm    | inch  | mm              | µm             | N     | mm     |        |         |         |         |       |           |             |             |          |          |          |        |            |          |         |
| 141088321A | 0-300 | 0-12" |                 | ±12            |       | 60/40  | •      | •       | •       | •       | •     | •         | •           | •           | •        | •        | •        | •      | •          | •        | •       |
| 141088521A | 0-500 | 0-20" | 0,001           | ±15            | 1-20  | 100/30 | •      | •       | •       | •       | •     | •         | •           | •           | •        | •        | •        | •      | •          | •        | •       |
| 141088621A | 0-600 | 0-24" |                 | ±18            |       |        | •      | •       | •       | •       | •     | •         | •           | •           | •        | •        | •        | •      | •          | •        | •       |

## MODBUS MICRON DataMet E-FORCE CALIPER EXTERNAL KNIFE-EDGE JAWS

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy* | Force | Jaws   | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Auto off | Password | Memory | Statistics | WIRELESS | USB HID | MODBUS RTU | MODBUS ASCII | MODBUS TCP/IP |
|------------|-------|-------|-----------------|----------------|-------|--------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|----------|----------|--------|------------|----------|---------|------------|--------------|---------------|
|            | mm    | inch  | mm              | µm             | N     | mm     |        |         |         |         |       |           |             |             |          |          |          |        |            |          |         |            |              |               |
| 141088321M | 0-300 | 0-12" |                 | ±12            |       | 60/40  | •      | •       | •       | •       | •     | •         | •           | •           | •        | •        | •        | •      | •          | •        | •       | •          | •            | •             |
| 141088521M | 0-500 | 0-20" | 0,001           | ±15            | 1-20  | 100/30 | •      | •       | •       | •       | •     | •         | •           | •           | •        | •        | •        | •      | •          | •        | •       | •          | •            | •             |
| 141088621M | 0-600 | 0-24" |                 | ±18            |       |        | •      | •       | •       | •       | •     | •         | •           | •           | •        | •        | •        | •      | •          | •        | •       | •          | •            | •             |



DataMet interface



CONNECTION possibilities



MODBUS protocol



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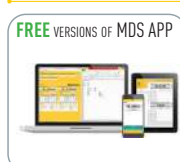
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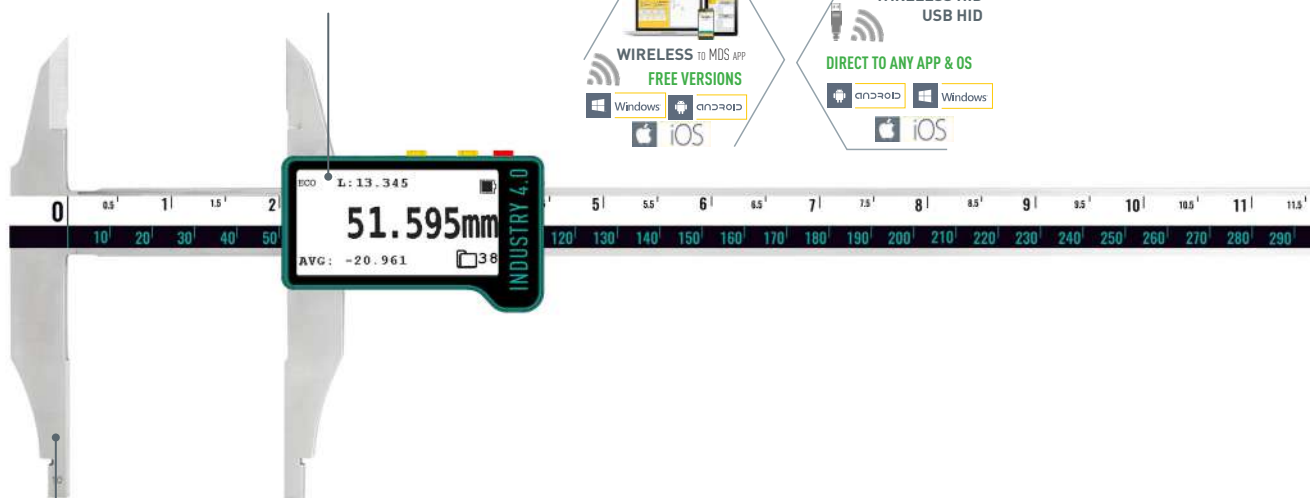
## DELIVERY SET



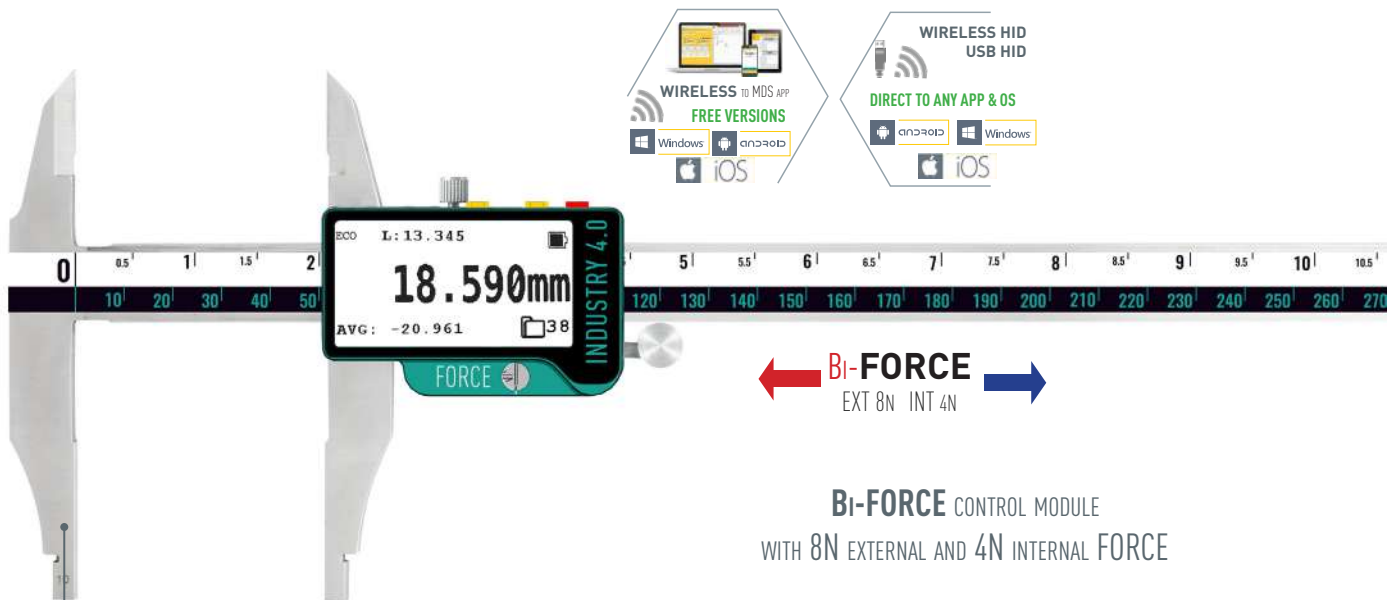
## OPTIONAL



ENERGY EFFICIENCY **E-INK** DISPLAY 2.13"



HAND FINISHED MEASURING SURFACES



**Bi-FORCE**  
EXT 8N INT 4N

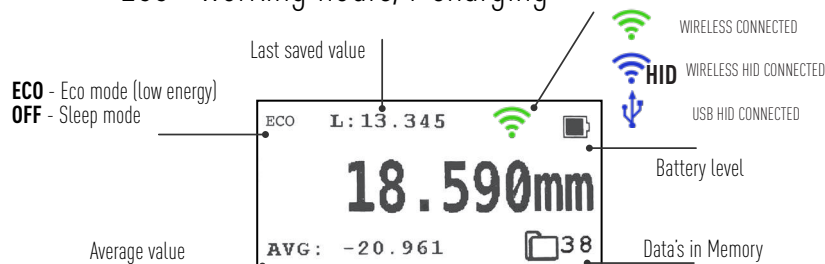
**Bi-FORCE** CONTROL MODULE  
WITH 8N EXTERNAL AND 4N INTERNAL FORCE

HAND FINISHED MEASURING SURFACES

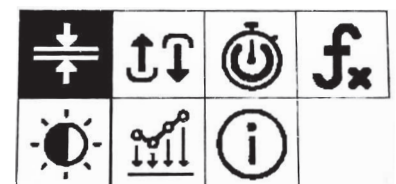
## DATA**Met** E-INK FUNCTIONS

### ENERGY ECONOMY 2.13" E-INK DISPLAY

200+ working hours/1 charging



### MULTIFUNCTIONAL MENU



INTERNAL MEMORY 1000 val with STATISTICS

| Stat      | All       |
|-----------|-----------|
| 1: 0.050  | 4: 29.245 |
| 2: 7.320  | 5: 37.680 |
| 3: 20.440 | NEXT PREV |



- Industry 4.0 adopted Mid-size E-ink caliper with computerized MICS system (Patents US10184772, UA174949, UA126928)
- **ENERGY ECONOMY** 2.13" E-ink display (200+ working hours / 1 charging)
- Long jaws up for internal (>10mm) and external measuring, Upper jaws with measuring tips
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Resolution selecting, Connection indication
- Memory manager: 1000 values, Statistics mode, Memory data transfer
- Modification with Double Force control module with 8N external and 4N internal FORCE
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

## DataMet E-INK

CALIPER EXTERNAL KNIFE-EDGE JAWS

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy* | Force | Jaws  | Protection | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Auto off | Memory | Statistics | WIRELESS |
|------------|-------|-------|-----------------|----------------|-------|-------|------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|----------|--------|------------|----------|
|            | mm    | inch  | mm              | µm             | N     | mm    |            |        |         |         |         |       |           |             |             |          |          |        |            |          |
| 141093321B | 0-300 | 0-12" | 0,005           | ±20            | -     | 60/40 | IP54       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •        | •      | •          | •        |

## DataMet E-INK Bi-FORCE

CALIPER EXTERNAL KNIFE-EDGE JAWS

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy* | Force | Jaws  | Protection | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Auto off | Memory | Statistics | WIRELESS |
|------------|-------|-------|-----------------|----------------|-------|-------|------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|----------|--------|------------|----------|
|            | mm    | inch  | mm              | µm             | N     | mm    |            |        |         |         |         |       |           |             |             |          |          |        |            |          |
| 141093321F | 0-300 | 0-12" | 0,005           | ±15            | 8 / 4 | 60/40 | IP54       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •        | •      | •          | •        |



CONNECTION  
possibilities



E-ink  
interface



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## DELIVERY SET

FREE VERSIONS OF MDS APP



CALIBRATION PROTOCOL

USB DATA/CHARGING  
CABLE



## OPTIONAL

DATAmet BUTTON



DATAmet FOOTSWITCH



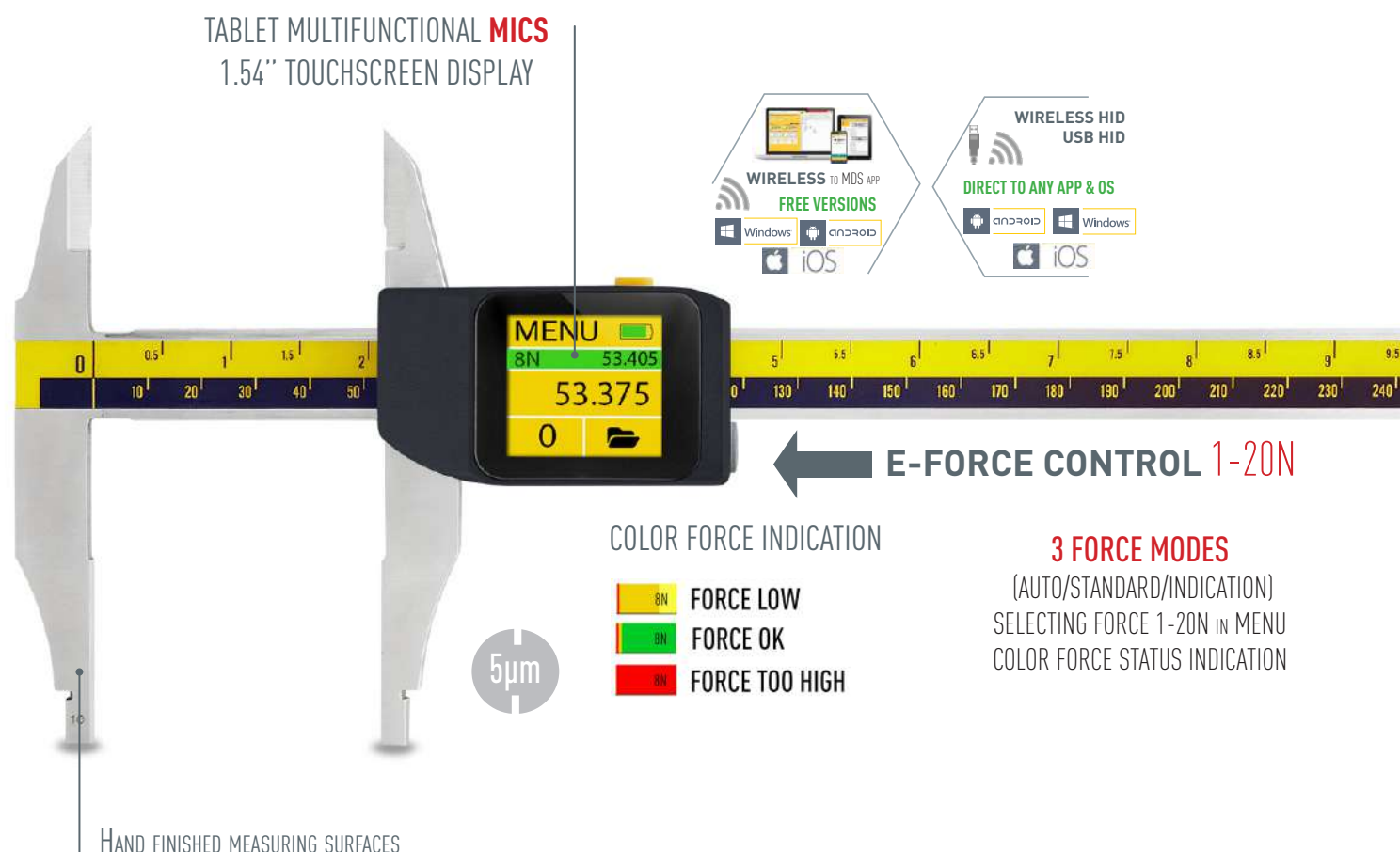
MDS DISPLAY UNIT



MDS SOFTWARE



- Industry 4.0 adopted Mid-size caliper with computerized MICS system (Patents US10184772, UA174949, UA126928)
- Long jaws up for internal (>10mm) and external measuring, Upper jaws with measuring tips
- Min Resolution 0.005mm (0,01/0,1mm selection)
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- Memory manager: 1000 values, Statistics mode, Memory data transfer
- E-Force control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy* | Force | Jaws  | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Auto off | Memory | Statistics | WIRELESS | USB HID |
|------------|-------|-------|-----------------|----------------|-------|-------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|----------|--------|------------|----------|---------|
|            | mm    | inch  | mm              | µm             | N     | mm    |        |         |         |         |       |           |             |             |          |          |        |            |          |         |
| 141077321A | 0-300 | 0-12" | 0,005           | ±15            | 1-20  | 60/40 | •      | •       | •       | •       | •     | •         | •           | •           | •        | •        | •      | •          | •        | •       |



## DELIVERY SET



## OPTIONAL



- Mid-size digital caliper **IP54** waterproof with PRESET function
- Long jaws up for internal (>10mm) and external measuring, Upper jaws with measuring tips
- Micro USB data output (optional USB HID cable **29900830**)
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No   | Range |       | Reso-<br>lution | Accu-<br>racy* | Jaws  | Protection | Thumb roller | Preset | mm/inch | Auto on/off | USB |
|-----------|-------|-------|-----------------|----------------|-------|------------|--------------|--------|---------|-------------|-----|
|           | mm    | inch  | mm              | µm             | mm    |            |              |        |         |             |     |
| 141083321 | 0-300 | 0-12" | 0,01            | ±30            | 60/40 | IP-54      | •            | •      | •       | •           | •   |

## DELIVERY SET

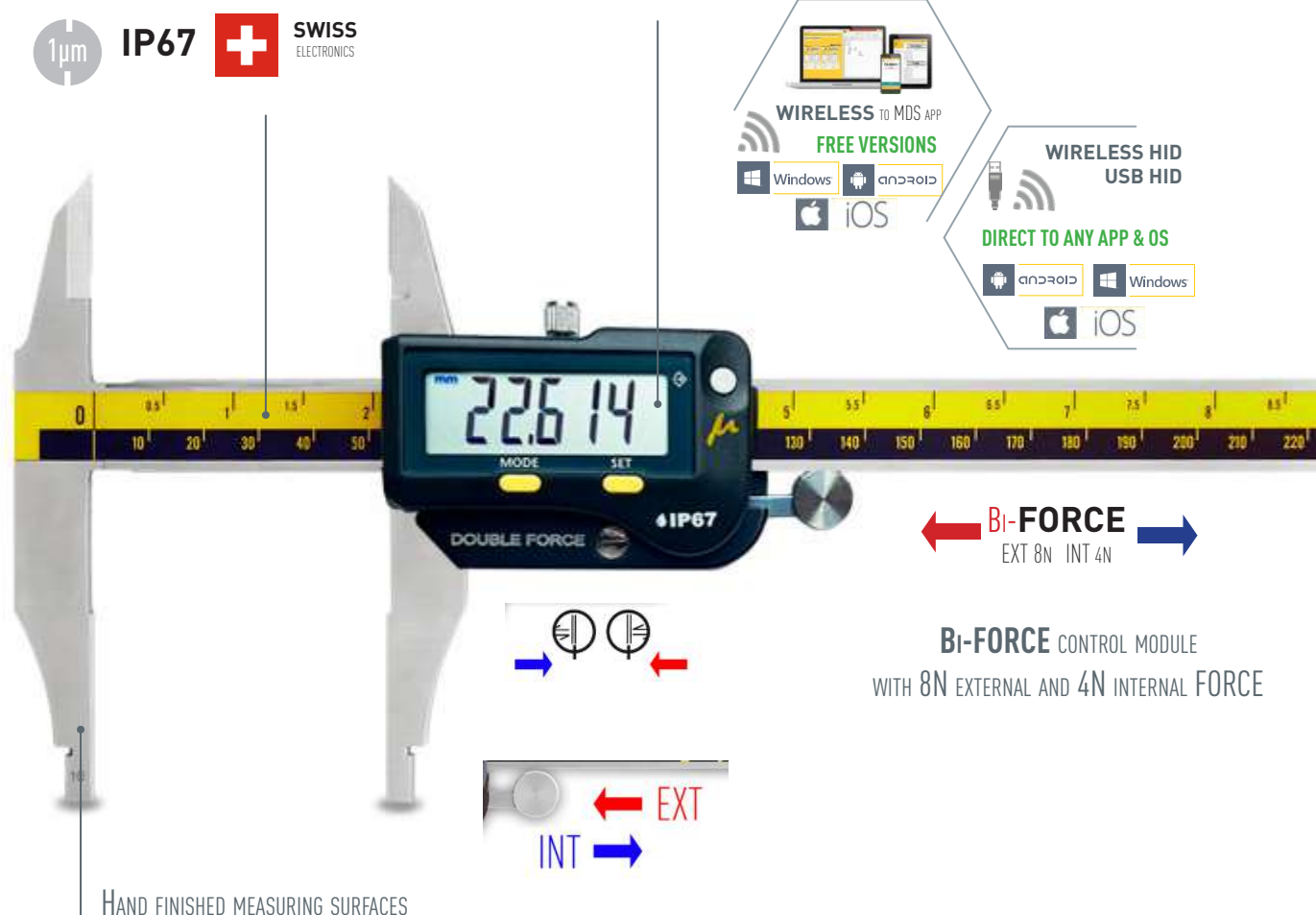


## OPTIONAL

**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE A  
KEYBOARD



MODIFICATION WITH BUILT-IN MULTIMODE  
WIRELESS DATA TRANSFER MODULE



## SWISSMET IP67 FUNCTIONS

|                    |                  |                          |
|--------------------|------------------|--------------------------|
| <b>PrE</b>         | <b>Unit</b>      | <b>Hold</b>              |
| PRESET             | mm/inch          | HOLD                     |
| <b>SLEEP (SIS)</b> | <b>IP67</b>      | <b>SWISS ELECTRONICS</b> |
| Auto ON/OFF        | IP 67 (IEC60529) | Swiss electronics        |
| <b>MDS APP</b>     | <b>HID</b>       |                          |
| WIRELESS MDS app   | WIRELESS HID     |                          |



- Long jaws up for internal (>10mm) and external measuring, Upper jaws with measuring tips
- Bi-Force control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- High accuracy up to  $\pm 12\mu\text{m}$  on external jaws (internal according ISO13385)
- High quality MICRON Swiss electronics with PRESET function and IP67 protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- MODIFICATION with 3 MODES DATA TRANSFER: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- MODIFICATION with S\_connect data output (with optional S\_connect USB cable)
- Stainless steel caliper with hand finished measuring surfaces ( $R_a < 0.32\mu\text{m}$ )
- 3V battery (CR2032)
- Calibration certificate included (ISO17025 (Ilac MRA))

## MICRON SwissMet IP67 Bi-FORCE

| Item No   | Range |       | Resolution | Accuracy* | Double force   | Jaws   | Bar section | Protection | Preset | mm/inch | Auto on/off | S connect |
|-----------|-------|-------|------------|-----------|----------------|--------|-------------|------------|--------|---------|-------------|-----------|
|           | mm    | inch  |            |           |                |        |             |            |        |         |             |           |
| 141079323 | 0-300 | 0-12" | 0,001      | ±12       | 8 ext<br>4 int | 60/40  | 17x5        | IP-67      | •      | •       | •           | •         |
| 141079523 | 0-500 | 0-20" |            | ±16       |                | 100/30 |             |            | •      | •       | •           | •         |
| 141079623 | 0-600 | 0-24" |            | ±20       |                |        |             |            |        |         |             |           |



## WIRELESS MICRON SwissMet IP67 Bi-FORCE

| Item No   | Range |       | Reso-<br>lution | Accu-<br>racy* | Double<br>force | Jaws   | Bar<br>section | Protection | Preset | mm/inch | Auto on/off | WIRELESS |
|-----------|-------|-------|-----------------|----------------|-----------------|--------|----------------|------------|--------|---------|-------------|----------|
|           | mm    | inch  | mm              | µm             | N               | mm     | mm             |            |        |         |             |          |
| 141079393 | 0-300 | 0-12" | 0,001           | ±12            | 8 ext<br>4 int  | 60/40  | 17x5           | IP-67      | ●      | ●       | ●           | ●        |
| 141079593 | 0-500 | 0-20" |                 | ±16            |                 | 100/30 |                |            | ●      | ●       | ●           | ●        |
| 141079693 | 0-600 | 0-24" |                 | ±20            |                 |        |                |            |        |         |             |          |



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MDS app ANDROID



## DELIVERY SET



## OPTIONAL



IP67



SWISS  
ELECTRONICS



HAND FINISHED MEASURING SURFACES



1µm

IP67



SWISS  
ELECTRONICS



HAND FINISHED MEASURING SURFACES



## SWISSMET IP67 FUNCTIONS

PRE

PRESET

Unit

mm/inch

I Hold

HOLD

SLEEP (SIS)

Auto ON/OFF

IP67

IP 67 (IEC60529)



SWISS  
ELECTRONICS

Swiss electronics

MDS APP

WIRELESS MDS app

HID

WIRELESS HID

- Long jaws up for internal (>10mm) and external measuring, Upper jaws with measuring tips
- Waterproof IP67 Swiss electronics with 0,001 or 0.01mm resolution
- High accuracy up to  $\pm 20\mu\text{m}$  on external jaws (internal according ISO13385)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- MODIFICATION with 3 MODES DATA TRANSFER: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- MODIFICATION with S\_connect data output (with optional S\_connect USB cable)
- Stainless steel caliper with hand finished measuring surfaces ( $R_a < 0.32\mu\text{m}$ )
- 3V battery (CR2032)
- Calibration certificate included (ISO17025 (Ilac MRA))

## SWISSMET IP67 CALIPER EXTERNAL KNIFE-EDGE JAWS

| Item No   | Range |       | Resolution | Accuracy* | Jaws   | Bar section | Protection | Preset | mm/inch | Auto on/off | S_connect |
|-----------|-------|-------|------------|-----------|--------|-------------|------------|--------|---------|-------------|-----------|
|           | mm    | inch  |            |           |        |             |            |        |         |             |           |
| 141072323 | 0-300 | 0-12" |            | $\pm 30$  | 60/40  |             |            | •      | •       | •           | •         |
| 141072523 | 0-500 | 0-20" | 0,01       | $\pm 30$  | 100/30 | 17x5        | IP67       | •      | •       | •           | •         |
| 141072623 | 0-600 | 0-24" |            | $\pm 30$  |        |             |            | •      | •       | •           | •         |

## WIRELESS SWISSMET IP67 CALIPER EXTERNAL KNIFE-EDGE JAWS

| Item No   | Range |       | Resolution | Accuracy* | Jaws   | Bar section | Protection | Preset | mm/inch | Auto on/off | WIRELESS |
|-----------|-------|-------|------------|-----------|--------|-------------|------------|--------|---------|-------------|----------|
|           | mm    | inch  |            |           |        |             |            |        |         |             |          |
| 141072393 | 0-300 | 0-12" |            | $\pm 30$  | 60/40  |             |            | •      | •       | •           | •        |
| 141072593 | 0-500 | 0-20" | 0,01       | $\pm 30$  | 100/30 | 17x5        | IP67       | •      | •       | •           | •        |
| 141072693 | 0-600 | 0-24" |            | $\pm 30$  |        |             |            | •      | •       | •           | •        |



## MICRON SWISSMET IP67 CALIPER EXTERNAL KNIFE-EDGE JAWS

| Item No   | Range |       | Resolution | Accuracy* | Jaws   | Bar section | Protection | Preset | mm/inch | Auto on/off | S_connect |
|-----------|-------|-------|------------|-----------|--------|-------------|------------|--------|---------|-------------|-----------|
|           | mm    | inch  |            |           |        |             |            |        |         |             |           |
| 141072324 | 0-300 | 0-12" |            | $\pm 20$  | 60/40  |             |            | •      | •       | •           | •         |
| 141072524 | 0-500 | 0-20" | 0,001      | $\pm 20$  | 100/30 | 17x5        | IP67       | •      | •       | •           | •         |
| 141072624 | 0-600 | 0-24" |            | $\pm 20$  |        |             |            | •      | •       | •           | •         |

## MICRON WIRELESS SWISSMET IP67 CALIPER EXTERNAL KNIFE-EDGE JAWS

| Item No   | Range |       | Resolution | Accuracy* | Jaws   | Bar section | Protection | Preset | mm/inch | Auto on/off | WIRELESS |
|-----------|-------|-------|------------|-----------|--------|-------------|------------|--------|---------|-------------|----------|
|           | mm    | inch  |            |           |        |             |            |        |         |             |          |
| 141072394 | 0-300 | 0-12" |            | $\pm 20$  | 60/40  |             |            | •      | •       | •           | •        |
| 141072594 | 0-500 | 0-20" | 0,001      | $\pm 20$  | 100/30 | 17x5        | IP67       | •      | •       | •           | •        |
| 141072694 | 0-600 | 0-24" |            | $\pm 20$  |        |             |            | •      | •       | •           | •        |



## DELIVERY SET



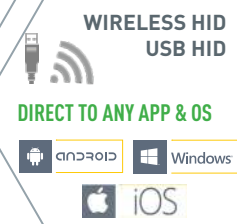
## OPTIONAL



IP67  SWISS ELECTRONICS



HAND FINISHED MEASURING SURFACES



MODIFICATION WITH BUILT-IN MULTIMODE  
WIRELESS DATA TRANSFER MODULE

1µm IP67  SWISS ELECTRONICS



HAND FINISHED MEASURING SURFACES

## SwissMet IP67 FUNCTIONS

|                                    |                                                                                       |                                                                                                                                     |
|------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>PrE</b><br>PRESET               | <b>Unit</b><br>mm/inch                                                                | <b>Hold</b><br>HOLD                                                                                                                 |
| <b>SLEEP (SIS)</b><br>Auto ON/OFF  | <b>IP67</b><br>IP 67 (IEC60529)                                                       |  <b>SWISS ELECTRONICS</b><br>Swiss electronics |
| <b>MDS APP</b><br>WIRELESS MDS app |  | <b>HID</b><br>WIRELESS HID                                                                                                          |

- Long jaws up for internal (>10mm) and external measuring
- Waterproof IP67 Swiss electronics with 0,001 or 0,01mm resolution
- High accuracy up to  $\pm 20\mu\text{m}$  on external jaws (internal according ISO13385)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- MODIFICATION with 3 MODES DATA TRANSFER: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- MODIFICATION with S\_connect data output (with optional S\_connect USB cable)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32 $\mu\text{m}$ )
- 3V battery (CR2032)
- Calibration certificate included (ISO17025 (Ilac MRA))

## SwissMet IP67 LONG JAW DIGITAL CALIPER

| Item No   | Range |       | Resol | Jaw | Accur.   | Bar section | Weight | Protection | mm/inch | Preset | Auto on/off | S_connect |
|-----------|-------|-------|-------|-----|----------|-------------|--------|------------|---------|--------|-------------|-----------|
|           | mm    | inch  |       |     |          |             |        |            |         |        |             |           |
| 141072311 | 0-300 | 0-12" | 0,01  | 100 | $\pm 20$ | 17x5        | 0,69   | IP67       | •       | •      | •           | •         |
| 141072411 | 0-400 | 0-16" |       |     | $\pm 30$ |             | 0,79   |            | •       | •      | •           | •         |
| 141072511 | 0-500 | 0-20" |       |     | $\pm 30$ |             | 0,88   |            | •       | •      | •           | •         |
| 141072611 | 0-600 | 0-24" |       |     | $\pm 30$ |             | 0,98   |            | •       | •      | •           | •         |

## WIRELESS SwissMet IP67 LONG JAW DIGITAL CALIPER

| Item No   | Range |       | Resol | Jaw | Accur.   | Bar section | Weight | Protection | mm/inch | Preset | Auto on/off | WIRELESS |
|-----------|-------|-------|-------|-----|----------|-------------|--------|------------|---------|--------|-------------|----------|
|           | mm    | inch  |       |     |          |             |        |            |         |        |             |          |
| 141072391 | 0-300 | 0-12" | 0,01  | 100 | $\pm 20$ | 17x5        | 0,69   | IP67       | •       | •      | •           | •        |
| 141072491 | 0-400 | 0-16" |       |     | $\pm 30$ |             | 0,79   |            | •       | •      | •           | •        |
| 141072591 | 0-500 | 0-20" |       |     | $\pm 30$ |             | 0,88   |            | •       | •      | •           | •        |
| 141072691 | 0-600 | 0-24" |       |     | $\pm 30$ |             | 0,98   |            | •       | •      | •           | •        |



SwissMet interface



CONNECTION possibilities

## MICRON SwissMet IP67 LONG JAW DIGITAL CALIPER

| Item No   | Range |       | Resol | Jaw | Accur.   | Bar section | Weight | Protection | mm/inch | Preset | Auto on/off | S_connect |
|-----------|-------|-------|-------|-----|----------|-------------|--------|------------|---------|--------|-------------|-----------|
|           | mm    | inch  |       |     |          |             |        |            |         |        |             |           |
| 141074312 | 0-300 | 0-12" | 0,001 | 100 | $\pm 15$ | 17x5        | 0,69   | IP67       | •       | •      | •           | •         |
| 141074412 | 0-400 | 0-16" |       |     | $\pm 20$ |             | 0,79   |            | •       | •      | •           | •         |
| 141074512 | 0-500 | 0-20" |       |     | $\pm 20$ |             | 0,88   |            | •       | •      | •           | •         |
| 141074612 | 0-600 | 0-24" |       |     | $\pm 20$ |             | 0,98   |            | •       | •      | •           | •         |



DOWNLOAD MDS app WINDOWS



DOWNLOAD MDS app iOS, MacOS



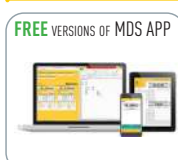
DOWNLOAD MDS app ANDROID



## WIRELESS MICRON SwissMet IP67 LONG JAW DIGITAL CALIPER

| Item No   | Range |       | Resol | Jaw | Accur.   | Bar section | Weight | Protection | mm/inch | Preset | Auto on/off | WIRELESS |
|-----------|-------|-------|-------|-----|----------|-------------|--------|------------|---------|--------|-------------|----------|
|           | mm    | inch  |       |     |          |             |        |            |         |        |             |          |
| 141074392 | 0-300 | 0-12" | 0,001 | 100 | $\pm 15$ | 17x5        | 0,69   | IP67       | •       | •      | •           | •        |
| 141074492 | 0-400 | 0-16" |       |     | $\pm 20$ |             | 0,79   |            | •       | •      | •           | •        |
| 141074592 | 0-500 | 0-20" |       |     | $\pm 20$ |             | 0,88   |            | •       | •      | •           | •        |
| 141074692 | 0-600 | 0-24" |       |     | $\pm 20$ |             | 0,98   |            | •       | •      | •           | •        |

## DELIVERY SET



## OPTIONAL







**IP67**



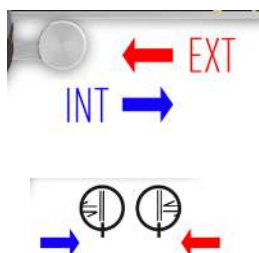
**SWISS  
ELECTRONICS**



MODIFICATION WITH BUILT-IN MULTIMODE  
**WIRELESS** DATA TRANSFER MODULE



**Bi-FORCE**  
EXT 8N INT 4N



**Bi-FORCE** CONTROL MODULE  
WITH 8N EXTERNAL AND 4N INTERNAL FORCE

HAND FINISHED MEASURING SURFACES

## SWISSMET IP67 FUNCTIONS

**PrE** **Unit** **Hold**

PRESET

mm/inch

HOLD

**SLEEP (SIS)**

**IP67**



**SWISS  
ELECTRONICS**

Auto ON/OFF

IP 67 (IEC60529)

Swiss electronics

**MDS APP**



WIRELESS MDS app

**HID**



WIRELESS HID

- Long jaws up for internal (>10mm) and external measuring
- Bi-Force control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- High accuracy up to  $\pm 10\mu\text{m}$  on external jaws (internal according ISO13385)
- High quality MICRON Swiss electronics with PRESET function and IP67 protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- MODIFICATION with 3 MODES DATA TRANSFER: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- MODIFICATION with S\_connect data output (with optional S\_connect USB cable)
- Stainless steel caliper with hand finished measuring surfaces ( $Ra < 0.32\mu\text{m}$ )
- 3V battery (CR2032)
- Calibration certificate included (ISO17025 (Ilac MRA))

## MICRON SwissMet IP67 Bi-FORCE LONG JAW DIGITAL CALIPER

| Item No   | Range |       | Resol | Jaw | Accur.        | Double force   | Bar section | Weight | Protection | mm/inch | Preset | Auto on/off | S_connect |
|-----------|-------|-------|-------|-----|---------------|----------------|-------------|--------|------------|---------|--------|-------------|-----------|
|           | mm    | inch  | mm    | mm  | $\mu\text{m}$ | N              | mm          | kg     |            |         |        |             |           |
| 141074316 | 0-300 | 0-12" | 0,001 | 100 | $\pm 10$      | 8 ext<br>4 int | 17x5        | 0,69   | IP67       |         |        |             |           |
| 141074416 | 0-400 | 0-16" |       |     | $\pm 12$      |                |             | 0,79   |            |         |        |             |           |
| 141074516 | 0-500 | 0-20" |       |     | $\pm 15$      |                |             | 0,88   |            |         |        |             |           |
| 141074616 | 0-600 | 0-24" |       |     | $\pm 20$      |                |             | 0,98   |            |         |        |             |           |

## WIRELESS MICRON SwissMet IP67 Bi-FORCE LONG JAW DIGITAL CALIPER

| Item No   | Range |       | Resol | Jaw | Accur.        | Double force   | Bar section | Weight | Protection | mm/inch | Preset | Auto on/off | WIRELESS |
|-----------|-------|-------|-------|-----|---------------|----------------|-------------|--------|------------|---------|--------|-------------|----------|
|           | mm    | inch  | mm    | mm  | $\mu\text{m}$ | N              | mm          | kg     |            |         |        |             |          |
| 141074396 | 0-300 | 0-12" | 0,001 | 100 | $\pm 10$      | 8 ext<br>4 int | 17x5        | 0,69   | IP67       |         |        |             |          |
| 141074496 | 0-400 | 0-16" |       |     | $\pm 12$      |                |             | 0,79   |            |         |        |             |          |
| 141074596 | 0-500 | 0-20" |       |     | $\pm 15$      |                |             | 0,88   |            |         |        |             |          |
| 141074696 | 0-600 | 0-24" |       |     | $\pm 20$      |                |             | 0,98   |            |         |        |             |          |



DOWNLOAD  
MDS app WINDOWS



DOWNLOAD  
MDS app iOS, MacOS



DOWNLOAD  
MDS app ANDROID



SwissMet  
interface



CONNECTION  
possibilities



VIDEO

## DELIVERY SET

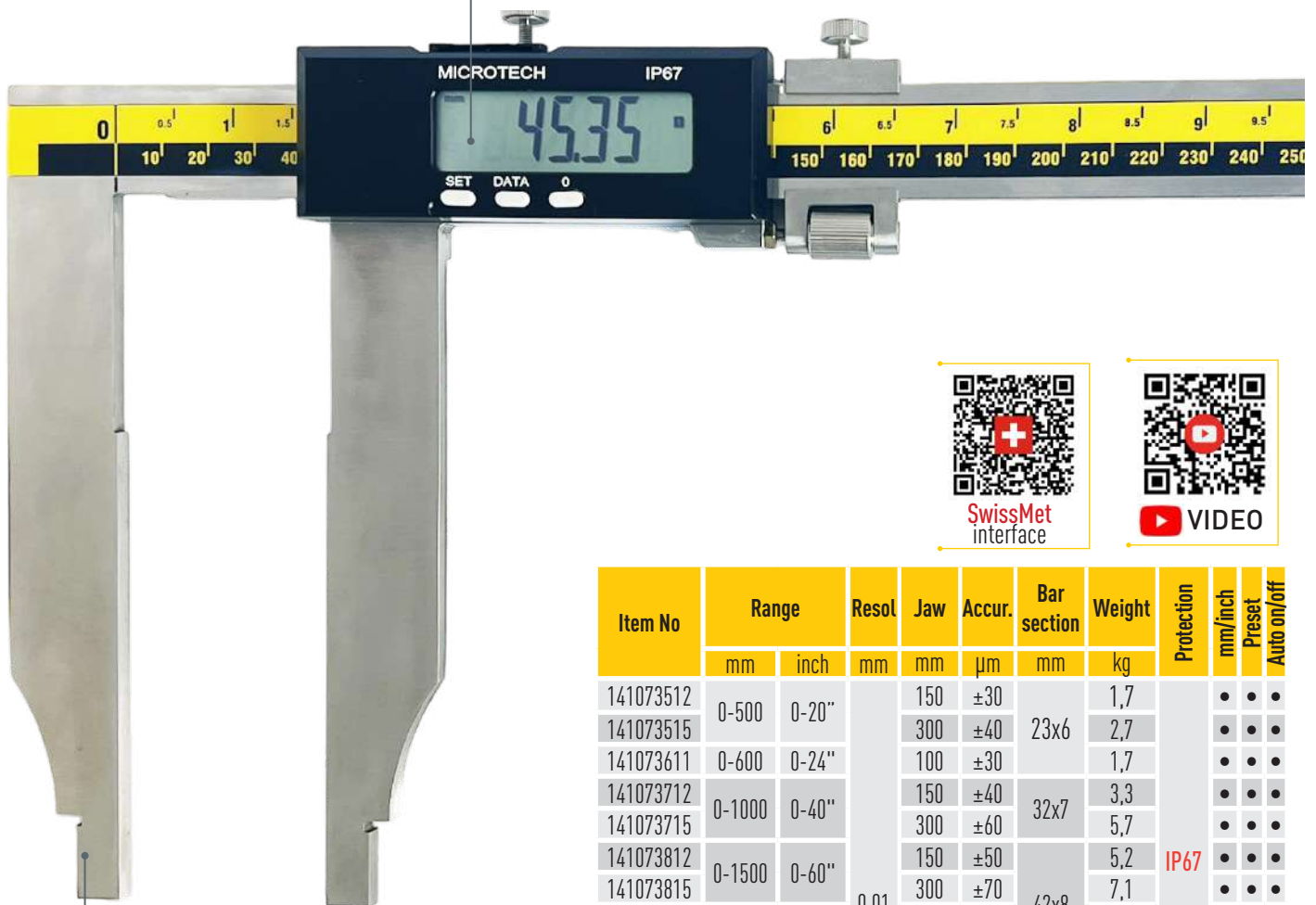


## OPTIONAL



- Long jaw digital caliper with waterproof **IP67** Swiss electronics with PRESET function
- High quality Swiss electronics with PRESET function and **IP67** protection (IEC60529) in Aluminium casing
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 14mm) with refresh rate >10/s
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

**IP67**  **SWISS ELECTRONICS**



HAND FINISHED MEASURING SURFACES

## SWISSMET IP67 FUNCTIONS

**PrE** **Unit** **Hold**

PRESET

mm/inch

HOLD

**SLEEP (SIS)**

**IP67**



Auto ON/OFF

IP 67 (IEC60529)

Swiss electronics

**MDS APP**



WIRELESS MDS app

**HID**



WIRELESS HID



SwissMet interface



VIDEO

| Item No   | Range  |        | Resol | Jaw | Accur. | Bar section | Weight | Protection | mm/inch | Preset | Auto on/off |    |    |
|-----------|--------|--------|-------|-----|--------|-------------|--------|------------|---------|--------|-------------|----|----|
|           | mm     | inch   |       |     |        |             |        |            |         |        |             | mm | mm |
| 141073512 | 0-500  | 0-20"  | 0,01  | 150 | ±30    | 23x6        | 1,7    | IP67       | Al case | •      | •           | •  |    |
| 141073515 |        |        |       | 300 | ±40    |             | 23x6   |            |         | 2,7    | •           | •  | •  |
| 141073611 | 0-600  | 0-24"  |       | 100 | ±30    | 23x6        | 1,7    |            |         | •      | •           | •  |    |
| 141073712 | 0-1000 | 0-40"  |       | 150 | ±40    | 32x7        | 3,3    |            |         | •      | •           | •  |    |
| 141073715 |        |        |       | 300 | ±60    |             | 32x7   |            |         | 5,7    | •           | •  | •  |
| 141073812 | 0-1500 | 0-60"  |       | 150 | ±50    | 42x8        | 5,2    |            |         | •      | •           | •  |    |
| 141073815 |        |        |       | 300 | ±70    |             | 42x8   |            |         | 7,1    | •           | •  | •  |
| 141073912 | 0-2000 | 0-80"  |       | 150 | ±60    | 42x8        | 7,1    |            |         | •      | •           | •  |    |
| 141073915 |        |        |       |     | ±80    |             | 42x8   |            |         | 8,6    | •           | •  | •  |
| 141073255 | 0-2500 | 0-100' |       | 300 |        | ±90         | 53x8   |            |         |        | •           | •  | •  |
| 141073305 | 0-3000 | 0-120' |       |     |        | ±100        |        |            |         |        | •           | •  | •  |
| 141073405 | 0-4000 | 0-160' |       |     |        | ±130        |        |            |         |        | •           | •  | •  |
| 141073505 | 0-5000 | 0-200' |       |     |        | ±160        |        |            |         |        | •           | •  | •  |
| 141073605 | 0-6000 | 0-240' |       |     |        | ±200        |        |            |         |        | •           | •  | •  |

## DELIVERY SET



- Long jaw **WIRELESS** digital caliper with waterproof **IP67** Swiss electronics with PRESET function
- High quality Swiss electronics with PRESET function and **IP67** protection (IEC60529) in Aluminium casing
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 14mm) with refresh rate >10/s
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- 3V battery (CR2032)
- **3 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Calibration certificate included (ISO17025 (Ilac MRA))



HAND FINISHED MEASURING SURFACES

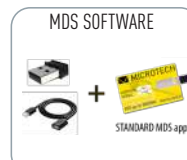


| Item No   | Range  |        | Resol | Jaw | Accur. | Bar section | Weight | Protection | mm/inch | Preset | Auto on/off | WIRELESS |    |
|-----------|--------|--------|-------|-----|--------|-------------|--------|------------|---------|--------|-------------|----------|----|
|           | mm     | inch   |       |     |        |             |        |            |         |        |             |          | mm |
| 141073592 | 0-500  | 0-20"  | 0,01  | 150 | ±30    | 23x6        | 1,75   | IP67       | Al case |        |             |          |    |
| 141073595 |        |        |       | 300 | ±40    |             | 2,65   |            |         |        |             |          |    |
| 141073691 | 0-600  | 0-24"  |       | 100 | ±30    | 32x7        | 1,66   |            |         |        |             |          |    |
| 141073792 |        |        |       | 150 | ±40    |             | 3,32   |            |         |        |             |          |    |
| 141073795 | 0-1000 | 0-40"  |       | 300 | ±60    | 42x8        | 5,70   |            |         |        |             |          |    |
| 141073892 |        |        |       | 150 | ±50    |             | 5,2    |            |         |        |             |          |    |
| 141073895 | 0-1500 | 0-60"  |       | 300 | ±70    | 53x8        | 7,1    |            |         |        |             |          |    |
| 141073992 |        |        |       | 150 | ±60    |             | 7,1    |            |         |        |             |          |    |
| 141073995 | 0-2000 | 0-80"  |       |     | ±80    |             | 8,6    |            |         |        |             |          |    |
| 141073265 | 0-2500 | 0-100' |       | 300 |        | ±90         |        |            |         |        |             |          |    |
| 141073315 | 0-3000 | 0-120' |       |     |        | ±100        |        |            |         |        |             |          |    |
| 141073415 | 0-4000 | 0-160' |       |     |        | ±130        |        |            |         |        |             |          |    |
| 141073525 | 0-5000 | 0-200' |       |     |        | ±160        |        |            |         |        |             |          |    |
| 141073625 | 0-6000 | 0-240' |       |     |        | ±200        |        |            |         |        |             |          |    |

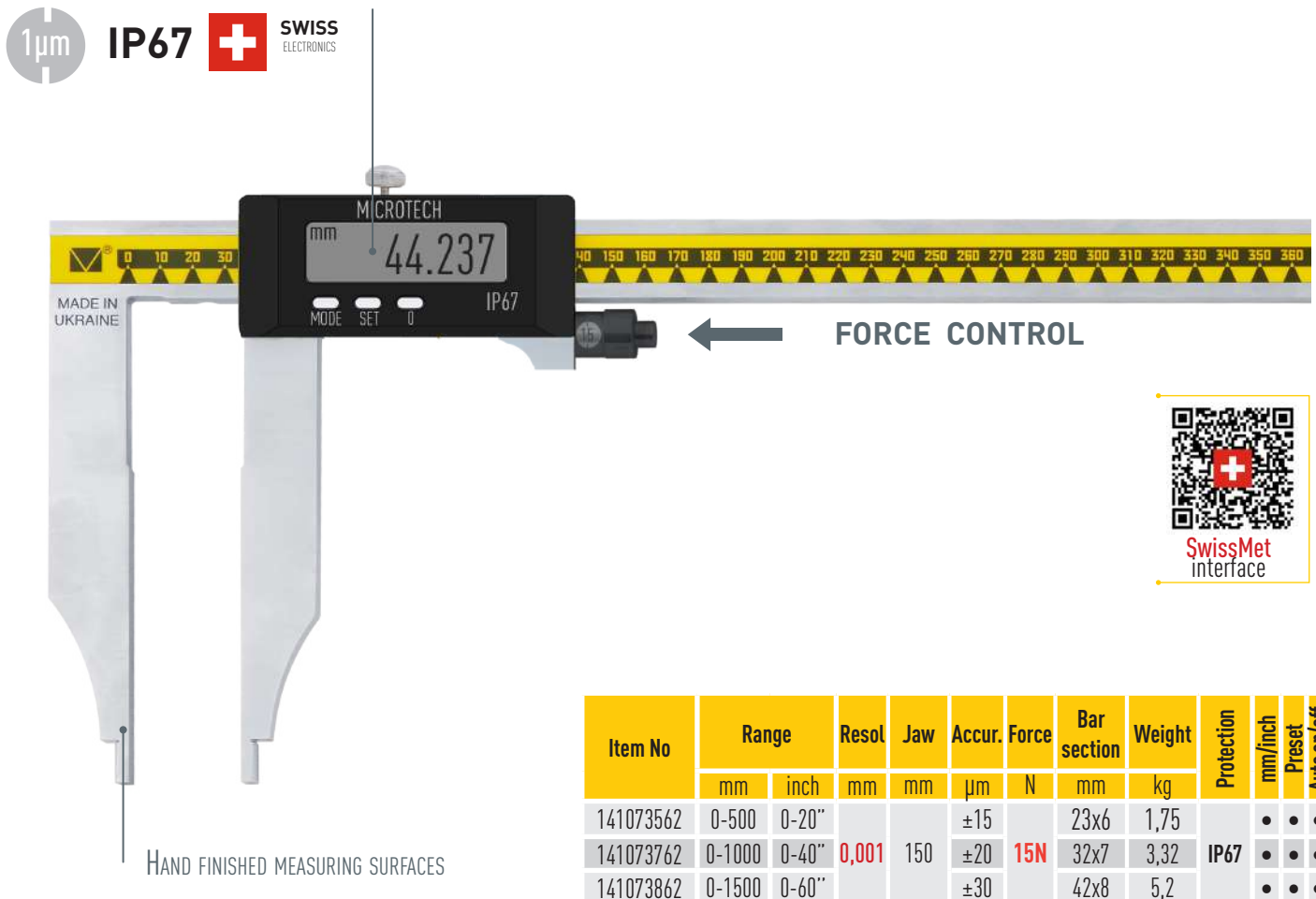
## DELIVERY SET



## OPTIONAL



- **MICRON FORCE SwissMet** Long jaw digital caliper
- **FORCE** control module with 15N external **FORCE** (Patents US10429165, UA146381)
- High quality **MICRON** Swiss electronics with **PRESET** function and **IP67** protection (IEC60529) in Aluminium casing
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 14mm) with refresh rate >10/s
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No   | Range  |       | Resol | Jaw | Accur. | Force | Bar section | Weight | Protection | mm/inch | Preset | Auto on/off |
|-----------|--------|-------|-------|-----|--------|-------|-------------|--------|------------|---------|--------|-------------|
|           | mm     | inch  | mm    | mm  | µm     | N     | mm          | kg     |            |         |        |             |
| 141073562 | 0-500  | 0-20" |       |     | ±15    |       | 23x6        | 1,75   |            | •       | •      | •           |
| 141073762 | 0-1000 | 0-40" | 0,001 | 150 | ±20    | 15N   | 32x7        | 3,32   | IP67       | •       | •      | •           |
| 141073862 | 0-1500 | 0-60" |       |     | ±30    |       | 42x8        | 5,2    |            | •       | •      | •           |

## SWISSMET IP67 FUNCTIONS

**PrE**  
PRESET

**Unit**  
mm/inch

**Hold**  
HOLD

**SLEEP (SIS)**  
Auto ON/OFF

**IP67**  
IP 67 (IEC60529)

**SWISS ELECTRONICS**

**S\_connect** data output

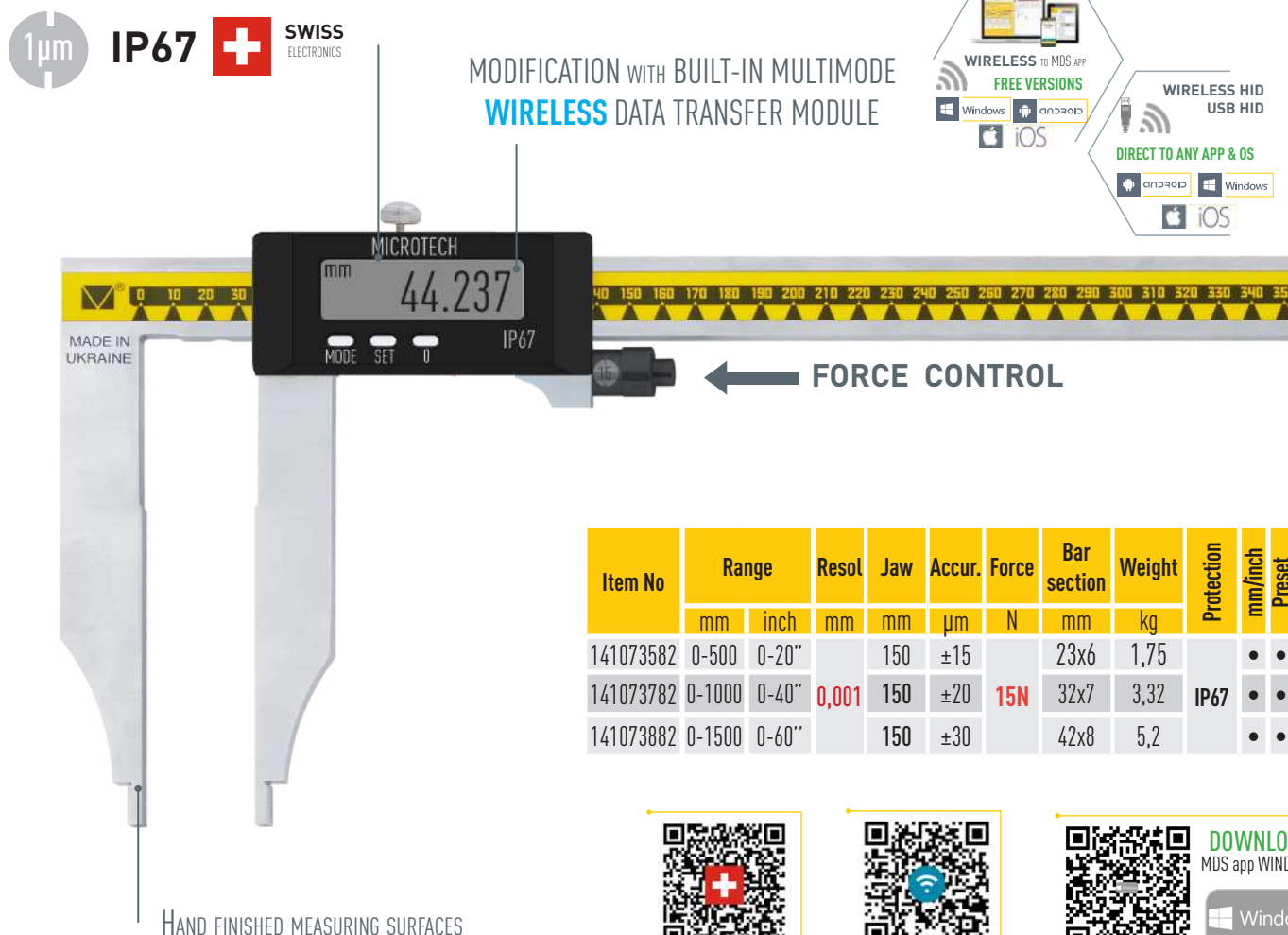
**23.45**  
Big display - 14mm Digit

## DELIVERY SET





- MICRON WIRELESS FORCE SwissMet Long jaw digital caliper
- FORCE control module with 15N external FORCE (Patents US10429165, UA146381)
- High quality MICRON Swiss electronics with PRESET function and IP67 protection (IEC60529) in Aluminium casing
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 14mm) with refresh rate >10/s
- 3 MODES DATA TRANSFER: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- 3V battery (CR2032)
- Calibration certificate included (ISO17025 (Ilac MRA))



| Item No   | Range  |       | Resol | Jaw | Accur. | Force | Bar section | Weight | Protection | mm/inch | Preset | Auto on/off | WIRELESS |
|-----------|--------|-------|-------|-----|--------|-------|-------------|--------|------------|---------|--------|-------------|----------|
|           | mm     | inch  | mm    | mm  | µm     | N     | mm          | kg     |            |         |        |             |          |
| 141073582 | 0-500  | 0-20" |       | 150 | ±15    |       | 23x6        | 1,75   |            | •       | •      | •           | •        |
| 141073782 | 0-1000 | 0-40" | 0,001 | 150 | ±20    | 15N   | 32x7        | 3,32   | IP67       | •       | •      | •           | •        |
| 141073882 | 0-1500 | 0-60" |       | 150 | ±30    |       | 42x8        | 5,2    |            | •       | •      | •           | •        |



## SWISSMET IP67 FUNCTIONS

**PrE**

PRESET

**Unit**

mm/inch

**Hold**

HOLD

**SLEEP (SIS)**

Auto ON/OFF

**IP67**

IP 67 (IEC60529)

**SWISS ELECTRONICS**

Swiss electronics

**MDS APP**

WIRELESS MDS app

**HID**

WIRELESS HID

## DELIVERY SET

FREE VERSIONS OF MDS APP

ILAC-MRA

CALIBRATION PROTOCOL

## OPTIONAL

DATAmet BUTTON

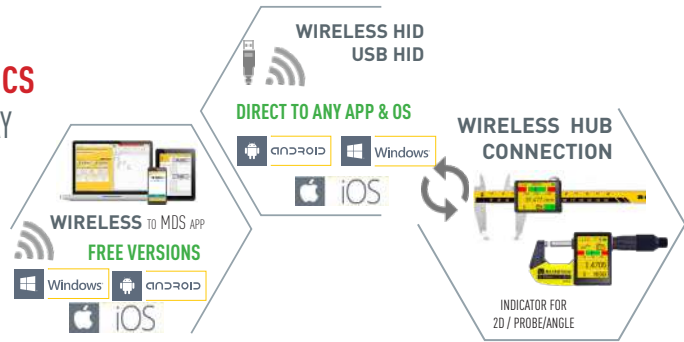
DATAmet FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

STANDARD MDS app

TABLET MULTIFUNCTIONAL MICS  
2.4" TOUCHSCREEN DISPLAY



E-FORCE CONTROL 1-20N

COLOR FORCE INDICATION

- 8N FORCE LOW
- 8N FORCE OK
- 8N FORCE TOO HIGH

3 FORCE MODES

(AUTO/STANDARD/INDICATION)  
SELECTING FORCE 1-20N IN MENU  
COLOR FORCE STATUS INDICATION

HAND FINISHED MEASURING SURFACES

## DATA MET FUNCTIONS

|                                    |                                   |                                       |                                      |                                        |                                              |
|------------------------------------|-----------------------------------|---------------------------------------|--------------------------------------|----------------------------------------|----------------------------------------------|
| <p><b>ANALOG SCALE</b></p>         | <p><b>COLOR GO / NOGO</b></p>     | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>                  | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> |
| <p><b>GRAPHIC MODE 1D/2D</b></p>   | <p><b>MEMORY 2000 values</b></p>  | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p>      | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>                       |
| <p><b>DISPLAY &amp; ENERGY</b></p> | <p><b>RESOLUTION, mm/inch</b></p> | <p><b>WIRELESS to MDS app</b></p>     | <p><b>WIRELESS &amp; USB HID</b></p> | <p><b>HUB mode (2D, Probe)</b></p>     | <p><b>DEVICE INFO, UPDATE</b></p>            |

- Industry 4.0 adopted **DataMet** caliper with computerized MICS system with 2.4" color Touchscreen
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Modification with MICRON with **SWISS made reading system** resolution **1 micron** (0,001/0,01/0,1mm selection)
- E-Force control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))

## MICRON DataMet LONG JAW E-FORCE CALIPER

| Item No   | Range  |       | Resol. | Jaws | Accuracy | eForce | Measuring HUB | Analog scale | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory             | WIRELESS         | USB HID | FW update |
|-----------|--------|-------|--------|------|----------|--------|---------------|--------------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------------------|------------------|---------|-----------|
|           | mm     | inch  | mm     | mm   | µm       | N      |               |              |         |        |         |         |         |       |           |             |             |          |                    |                  |         |           |
| 141005217 | 0-500  | 0-20" | 0,001  | 100  | ±20      | 1-20   | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val | Long range / HID | •       | •         |
| 141005227 |        |       |        | 150  | ±20      |        | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  | •       |           |
| 141005257 |        |       |        | 300  | ±25      |        | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  | •       |           |
| 141006217 | 0-630  | 0-25" |        | 100  | ±20      |        | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |           |
| 141010217 |        |       |        | 150  | ±30      |        | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |           |
| 141010257 | 0-1000 | 0-40" |        | 300  | ±40      |        | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  | •       | •         |

## DataMet LONG JAW E-FORCE CALIPER

| Item No   | Range  |        | Resol. | Jaws | Accuracy | eForce | Measuring HUB | Analog scale | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory             | WIRELESS         | USB HID | FW update |                    |                  |   |   |   |
|-----------|--------|--------|--------|------|----------|--------|---------------|--------------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------------------|------------------|---------|-----------|--------------------|------------------|---|---|---|
|           | mm     | inch   | mm     | mm   | µm       | N      |               |              |         |        |         |         |         |       |           |             |             |          |                    |                  |         |           |                    |                  |   |   |   |
| 141005216 | 0-500  | 0-20"  | 0,01   | 100  | ±30      | 1-20   | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val | Long range / HID | •       | •         |                    |                  |   |   |   |
| 141005226 |        |        |        | 150  | ±30      |        | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  | •       | •         | •                  | •                | • |   |   |
| 141005256 |        |        |        | 300  | ±30      |        | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  | •       | •         | •                  | •                | • |   |   |
| 141006216 | 0-630  | 0-25"  |        | 100  | ±30      |        | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  | •       | •         | •                  |                  |   |   |   |
| 141010216 |        |        |        | 150  | ±40      |        | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  | •       | •         | •                  | •                |   |   |   |
| 141010256 | 0-1000 | 0-40"  |        | 300  | ±50      |        | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  | •       | •         | •                  | •                |   |   |   |
| 141015216 |        |        |        | 150  | ±50      |        | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  | •       | •         | •                  | •                |   |   |   |
| 141015256 | 0-1500 | 0-60"  |        | 300  | ±60      |        | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  | •       | •         | •                  | •                |   |   |   |
| 141020216 |        |        |        | 150  | ±50      |        | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  | •       | •         | •                  | •                | • |   |   |
| 141020256 | 0-2000 | 0-80"  |        |      | ±60      |        | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  | •       | •         | •                  | •                |   |   |   |
| 141025256 |        |        |        |      | ±80      |        | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  | •       | •         | •                  | •                | • |   |   |
| 141030256 | 0-2500 | 0-100" |        | 300  |          |        | ±90           | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  | •       | •         | Folders / 2000 val | Long range / HID | • | • |   |
| 141040256 | 0-3000 | 0-120" |        |      |          |        | ±110          | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  | •       | •         |                    |                  | • | • | • |
| 141040256 | 0-4000 | 0-160" |        |      |          |        | ±130          | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  | •       | •         |                    |                  | • | • | • |
| 141050256 | 0-5000 | 0-200' |        |      | ±130     |        | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  | •       | •         |                    |                  |   |   |   |



DOWNLOAD  
MDS app WINDOWS

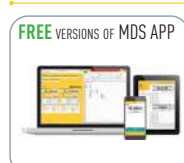


DOWNLOAD  
MDS app iOS, MacOS



DOWNLOAD  
MDS app ANDROID

## DELIVERY SET



## OPTIONAL



1µm  
MODIFICATION

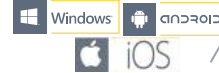
IP67



SWISS  
ELECTRONICS

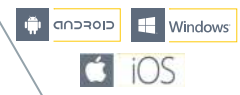


WIRELESS TO MDS APP  
FREE VERSIONS

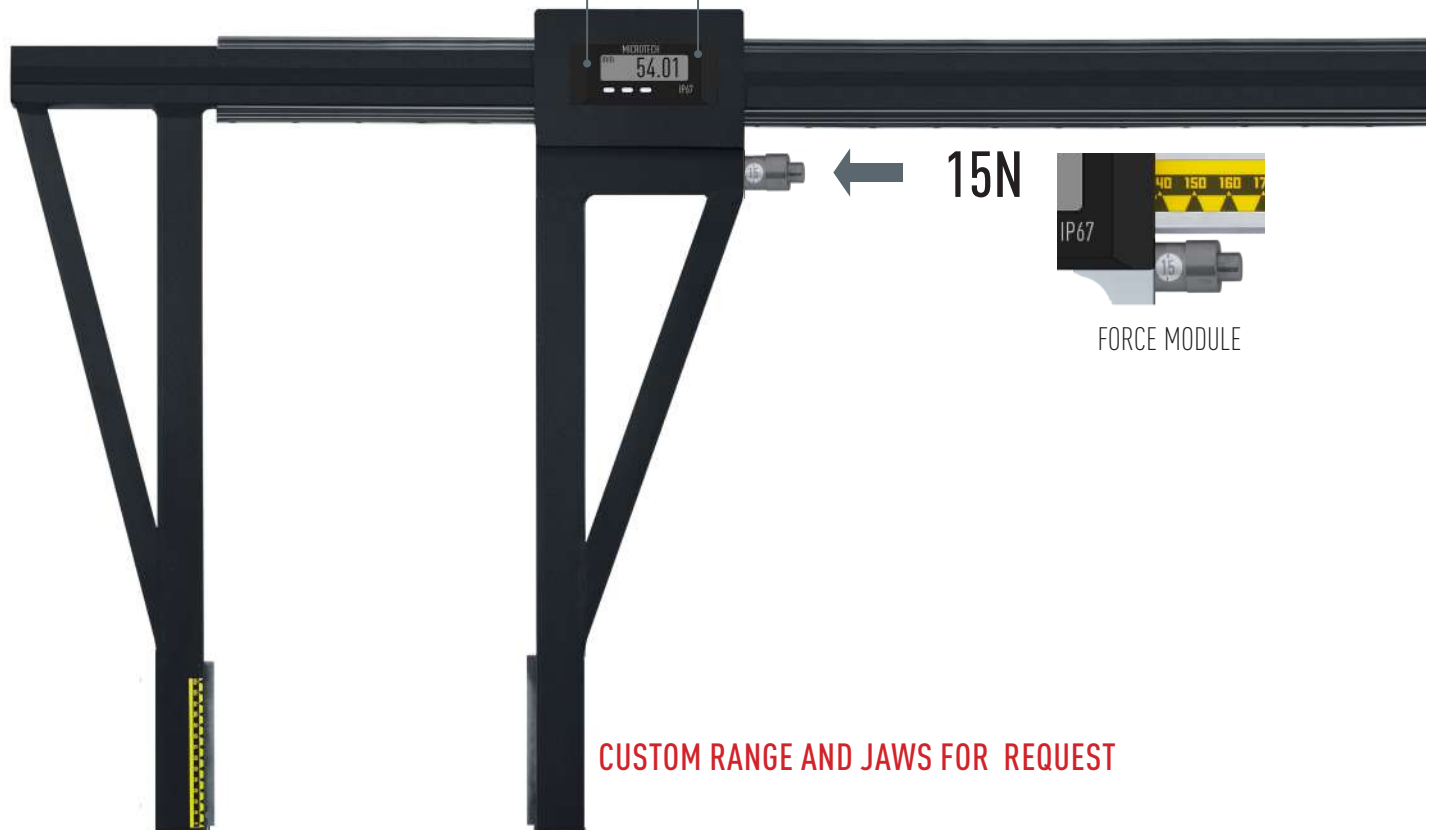


WIRELESS HID  
USB HID

DIRECT TO ANY APP & OS



BUILT-IN MULTIMODE **WIRELESS**  
DATA TRANSFER MODULE



15N



FORCE MODULE

CUSTOM RANGE AND JAWS FOR REQUEST

HAND FINISHED MEASURING SURFACES

## SwissMet IP67 FUNCTIONS

|            |             |             |
|------------|-------------|-------------|
| <b>PrE</b> | <b>Unit</b> | <b>Hold</b> |
| PRESET     | mm/inch     | HOLD        |

SLEEP (SIS)

IP67



SWISS  
ELECTRONICS

Auto ON/OFF

IP 67 (IEC60529)

Swiss electronics

MDS APP



WIRELESS MDS app

HID



WIRELESS HID



ROLL SLIDING SYSTEM

- Light aluminium base
- 2x steel roll for easy sliding

- Aluminium construction with precision linear guides





- Extra Long jaw digital caliper with waterproof **IP67** Swiss electronics in Al case
- Jaw length up to 1000mm
- Aluminium construction with precision linear guides
- **3 MODES DATA TRANSFER:** **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- Calibration certificate included (ISO17025 (Ilac MRA))

## MICRON WIRELESS FORCE **SwissMet** IP67 EXTRA LONG JAW DIGITAL CALIPER

| Item No   | Range  |       | Resol. | Jaws | Accuracy | Weight | Protection          | mm/inch | Preset | Auto on/off | WIRELESS |
|-----------|--------|-------|--------|------|----------|--------|---------------------|---------|--------|-------------|----------|
|           | mm     | inch  | mm     | mm   | µm       | kg     |                     |         |        |             |          |
| 142408447 | 0-800  | 0-32" | 0,001  | 400  | ±25      | 3,9    | IP67<br><br>Al case | •       | •      | •           | •        |
| 142411447 | 0-1000 | 0-40' |        | 400  | ±30      | 4,3    |                     | •       | •      | •           | •        |
| 142411467 |        |       |        | 600  | ±40      | 4,7    |                     | •       | •      | •           | •        |
| 142415447 | 0-1500 | 0-60' |        | 400  | ±30      | 5,6    |                     | •       | •      | •           | •        |
| 142415467 |        |       |        | 600  | ±40      | 6,1    |                     | •       | •      | •           | •        |
| 142418447 | 0-1800 | 0-70" |        | 400  | ±40      | 6.2    |                     | •       | •      | •           | •        |
| 142418467 |        |       |        | 600  | ±60      | 6,6    |                     | •       | •      | •           | •        |



## WIRELESS FORCE **SwissMet** IP67 EXTRA LONG JAW DIGITAL CALIPER

| Item No   | Range  |        | Resol. | Jaws | Accuracy | Weight | Protection          | mm/inch | Preset | Auto on/off | WIRELESS |
|-----------|--------|--------|--------|------|----------|--------|---------------------|---------|--------|-------------|----------|
|           | mm     | inch   | mm     | mm   | µm       | kg     |                     |         |        |             |          |
| 142408446 | 0-800  | 0-32"  | 0,01   | 400  | ±30      | 3,9    | IP67<br><br>Al case | •       | •      | •           | •        |
| 142411446 | 0-1000 | 0-40'  |        | 400  | ±40      | 4,3    |                     | •       | •      | •           | •        |
| 142411466 |        |        |        | 600  | ±50      | 4,7    |                     | •       | •      | •           | •        |
| 142415446 | 0-1500 | 0-60'  |        | 400  | ±40      | 5,6    |                     | •       | •      | •           | •        |
| 142415466 |        |        |        | 600  | ±50      | 6,1    |                     | •       | •      | •           | •        |
| 142418446 | 0-1800 | 0-70"  |        | 400  | ±50      | 6,2    |                     | •       | •      | •           | •        |
| 142418466 |        |        |        | 600  | ±60      | 6,6    |                     | •       | •      | •           | •        |
| 142120146 | 0-2000 | 0-80"  |        | 400  | ±60      | 17,5   |                     | •       | •      | •           | •        |
| 142120166 |        |        |        | 600  | ±85      | 18,0   |                     | •       | •      | •           | •        |
| 142120106 | 0-2500 | 0-100" |        | 1000 | ±120     | 19,0   |                     | •       | •      | •           | •        |
| 142125146 |        |        |        | 400  | ±90      | 20,0   |                     | •       | •      | •           | •        |
| 142125166 | 0-3000 | 0-120" |        | 600  | ±105     | 20,5   |                     | •       | •      | •           | •        |
| 142125106 |        |        |        | 1000 | ±140     | 21,5   |                     | •       | •      | •           | •        |
| 142130146 | 0-3500 | 0-140" |        | 400  | ±100     | 24,0   |                     | •       | •      | •           | •        |
| 142130166 |        |        |        | 600  | ±110     | 24,5   |                     | •       | •      | •           | •        |
| 142130106 |        |        |        | 1000 | ±160     | 25,5   |                     | •       | •      | •           | •        |
| 142135146 |        |        |        | 400  | ±120     | 26,5   |                     | •       | •      | •           | •        |
| 142135166 |        |        |        | 600  | ±160     | 27,0   |                     | •       | •      | •           | •        |
| 142135106 |        |        |        | 1000 | ±240     | 28,0   |                     | •       | •      | •           | •        |



## DELIVERY SET



## OPTIONAL





1µm

**IP67**



**SWISS**  
ELECTRONICS



**WIRELESS HID**  
USB HID

**DIRECT TO ANY APP & OS**



**WIRELESS HUB CONNECTION**



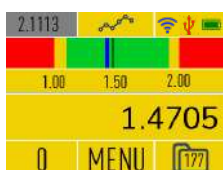
INDICATOR FOR  
2D / PROBE/ANGLE



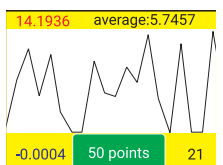
**CUSTOM RANGE AND JAWS FOR REQUEST**



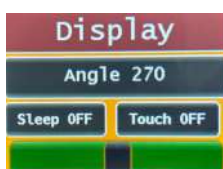
## DATAmet FUNCTIONS



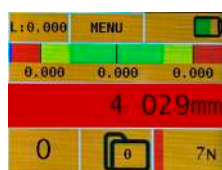
**ANALOG SCALE**



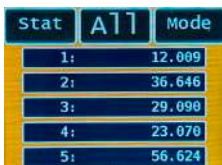
**GRAPHIC MODE 1D/2D**



**DISPLAY & ENERGY**



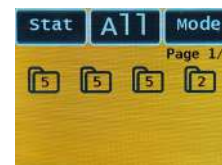
**COLOR GO / NOGO**



**MEMORY 2000 values**



**COLOR MAX / MIN / RANGE**



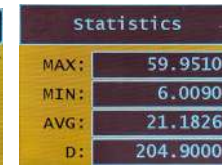
**FOLDERS mode**



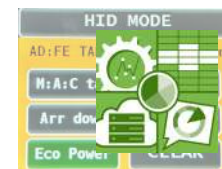
**WIRELESS to MDS app**



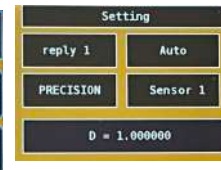
**TIMER**



**MEMORY STATISTICS**



**WIRELESS & USB HID**



**TOUCH PROBE SETTINGS**



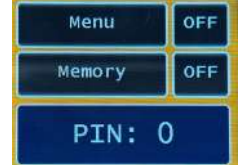
**TEMPERATURE COMPENSATION**



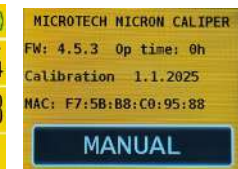
**HUB mode (2D, Probe)**



**FORMULA  $Ax^2+Bx+C$**



**PASSWORD**



**DEVICE INFO, UPDATE**

- Industry 4.0 adopted Extra long jaw Tablet caliper with computerized MICS system with 2.4" color Touchscreen
- Patents US10184772, UA111194, UA112361, UA121681, UA2022205040
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Modification with MICRON with **SWISS made reading system** resolution **1 micron** (0,001/0,01/0,1mm selection)
- Aluminium construction with precision linear guides
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

## MICRON DataMet EXTRA LONG JAW E-FORCE CALIPER

| Item No   | Range  |       | Resol. | Jaws | Accu-<br>racy | Weight | Measuring HUB | Analog scale | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory             | WIRELESS         | USB HID |   |   |
|-----------|--------|-------|--------|------|---------------|--------|---------------|--------------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------------------|------------------|---------|---|---|
|           | mm     | inch  | mm     | mm   | µm            | kg     |               |              |         |        |         |         |         |       |           |             |             |          |                    |                  |         |   |   |
| 142408442 | 0-800  | 0-32" | 0,001  | 400  | ±30           | 3,9    | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val | Long range / HID | •       |   |   |
| 142411442 | 0-1000 | 0-40" |        | 400  | ±40           | 4,3    | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  | •       | • |   |
| 142411462 |        |       |        | 600  | ±60           | 4,7    | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  | •       | • |   |
| 142415442 | 0-1500 | 0-50" |        | 400  | ±50           | 5.5    | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  | •       | • |   |
| 142415462 |        |       |        | 600  | ±70           | 5,9    | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  | •       | • |   |
| 142418442 | 0-1800 | 0-60" |        | 400  | ±60           | 6.2    | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  | •       | • | • |
| 142418462 |        |       |        | 600  | ±80           | 6.6    | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  | •       | • | • |

## DataMet EXTRA LONG JAW E-FORCE CALIPER

| Item No   | Range  |        | Resol. | Jaws | Accu-<br>racy | Weight | Measuring HUB | Analog scale | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory                                 | WIRELESS | USB HID |    |
|-----------|--------|--------|--------|------|---------------|--------|---------------|--------------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|----------------------------------------|----------|---------|----|
|           | mm     | inch   |        |      |               |        |               |              |         |        |         |         |         |       |           |             |             |          |                                        |          |         | mm |
| 142120142 | 0-2000 | 0-80"  | 0.01   | 400  | ±60           | 17,5   | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val<br>Long range / HID |          | •       |    |
| 142120162 |        |        |        | 600  | ±85           | 18,0   | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                                        | •        | •       | •  |
| 142120102 |        |        |        | 1000 | ±120          | 19,0   | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                                        | •        | •       | •  |
| 142125142 | 0-2500 | 0-100" |        | 400  | ±90           | 20,0   | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                                        | •        | •       | •  |
| 142125162 |        |        |        | 600  | ±105          | 20,5   | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                                        | •        | •       | •  |
| 142125102 |        |        |        | 1000 | ±140          | 21.5   | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                                        | •        | •       | •  |
| 142130142 | 0-3000 | 0-120" |        | 400  | ±100          | 24.0   | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                                        | •        | •       | •  |
| 142130162 |        |        |        | 600  | ±110          | 24.5   | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                                        | •        | •       | •  |
| 142130102 |        |        |        | 1000 | ±160          | 25.5   | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                                        | •        | •       | •  |
| 142135142 | 0-3500 | 0-140" |        | 400  | ±120          | 26.5   | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                                        | •        | •       | •  |
| 142135162 |        |        |        | 600  | ±160          | 27.0   | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                                        | •        | •       | •  |
| 142135102 |        |        |        | 1000 | ±240          | 28.0   | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                                        | •        | •       | •  |



DataMet  
interface



CONNECTION  
possibilities



VIDEO



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Windows

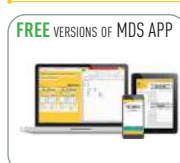


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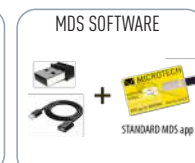


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android

## DELIVERY SET



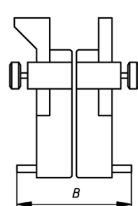
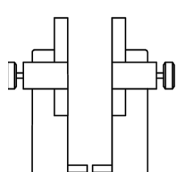
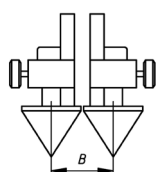
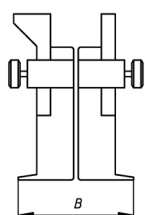
## OPTIONAL



**IP67**  **SWISS**  
ELECTRONICS



**1µm** **IP67**  **SWISS**  
ELECTRONICS



3 PAIRS ANVILS

## SwissMet IP67 FUNCTIONS

**PrE**

PRESET

**Unit**

mm/inch

**I Hold**

HOLD

**SLEEP (SIS)**

Auto ON/OFF

**IP67**

IP 67 (IEC60529)



**SWISS**  
ELECTRONICS

Swiss electronics

**MDS APP** 

WIRELESS MDS app

**HID** 

WIRELESS HID

- Universal caliper with 3 pairs of measuring jaws for 5 types of measuring (internal & external point, groove, offset centerline)
- Digital Waterproof **IP67** Swiss electronics with 0.01 or 0.001mm resolution
- Modification with **Bi-Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- Modification with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

## UNIVERSAL **SwissMet IP67** DIGITAL CALIPER

| Item No   | Range |       | Reso-<br>lution | Accu-<br>racy | Anvils set              |                        |        | Depth | Force | Protection | Preset | mm/inch | Auto on/off | S_connect |
|-----------|-------|-------|-----------------|---------------|-------------------------|------------------------|--------|-------|-------|------------|--------|---------|-------------|-----------|
|           | mm    | inch  | mm              | μm            | inside & outside groove | inside & outside point | disk D | mm    | N     |            |        |         |             |           |
| 141630153 | 0-150 | 0-6"  | 0,01            | ±30           | 5                       | D3x5                   | 30     | 40    | -     | IP67       | •      | •       | •           | •         |
| 141630303 | 0-300 | 0-12" |                 | ±40           | 10                      | D3x10                  | 50     | 60    |       |            | •      | •       | •           | •         |

## UNIVERSAL **WIRELESS SwissMet IP67** MICRON **Bi-FORCE** DIGITAL CALIPER

| Item No   | Range |       | Reso-<br>lution | Accu-<br>racy | Anvils set              |                        |        | Depth | Force | Protection | Preset | mm/inch | Auto on/off | WIRELESS |
|-----------|-------|-------|-----------------|---------------|-------------------------|------------------------|--------|-------|-------|------------|--------|---------|-------------|----------|
|           | mm    | inch  | mm              | μm            | inside & outside groove | inside & outside point | disk D | mm    | N     |            |        |         |             |          |
| 141630155 | 0-150 | 0-6"  | 0,001           | ±15           | 5                       | D3x5                   | 30     | 40    | 8/4   | IP67       | •      | •       | •           | •        |
| 141630305 | 0-300 | 0-12" |                 | ±25           | 10                      | D3x10                  | 50     | 60    |       |            | •      | •       | •           | •        |



CONNECTION  
possibilities



SwissMet  
interface



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## DELIVERY SET

FREE VERSIONS OF MDS APP



CALIBRATION PROTOCOL

USB DATA/CHARGING  
CABLE



## OPTIONAL

DATA<sub>Met</sub> BUTTON



DATA<sub>Met</sub> FOOTSWITCH



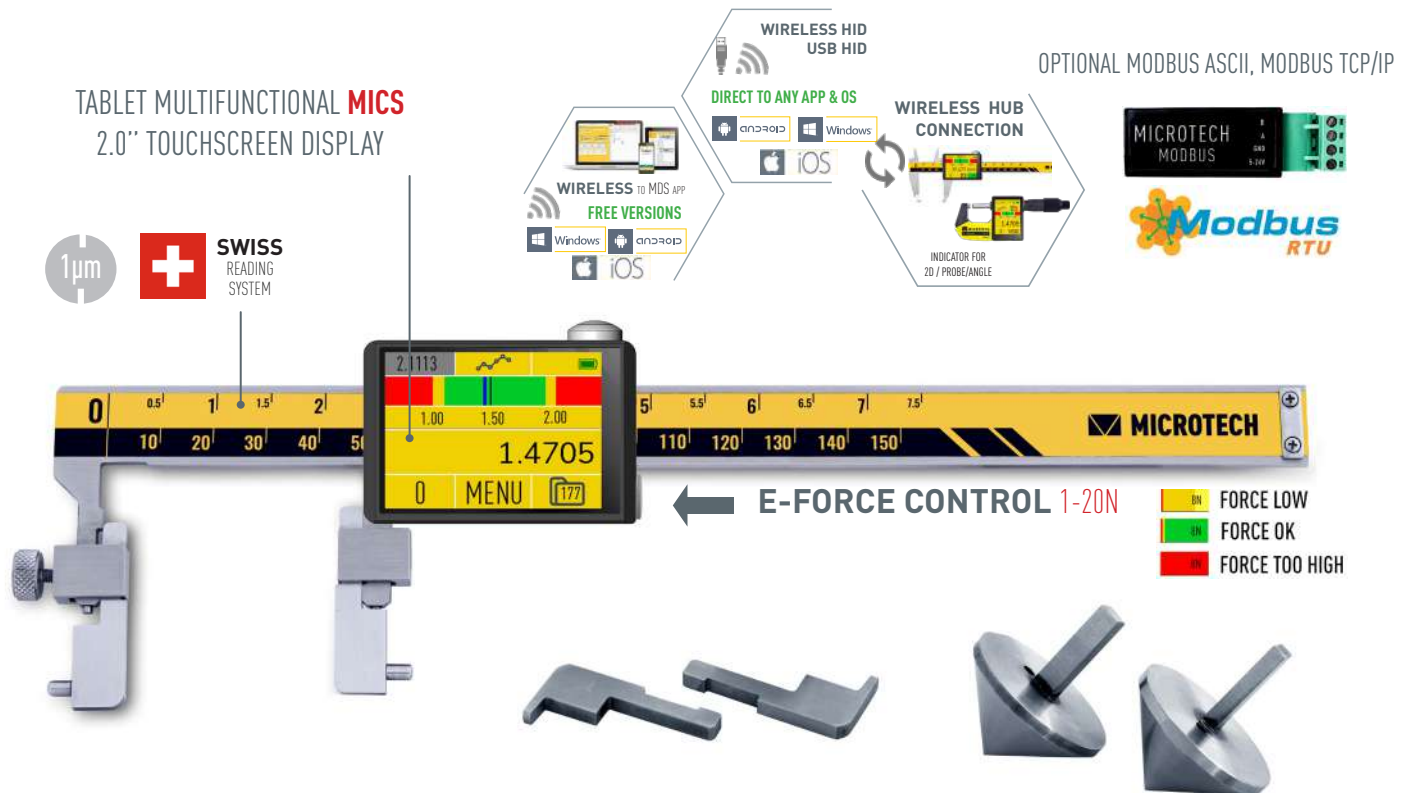
MDS DISPLAY UNIT



MDS SOFTWARE







## DATAmet FUNCTIONS



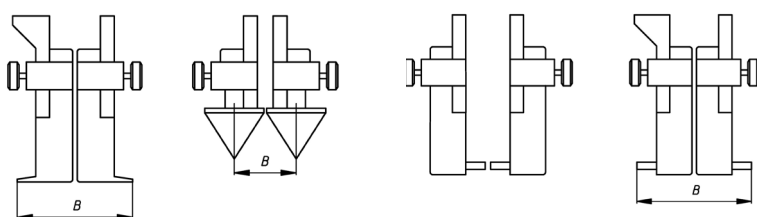
- Universal caliper with 3 pairs of measuring jaws for 5 types of measuring (internal & external point, groove, offset centerline)
- **MICRON with SWISS made reading system** resolution **1 micron** (0,0005/0,001/0,01/0,1mm selection)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **4 MODES DATA TRANSFER:** **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**, **USB HID**
- **MODIFICATION MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))

## UNIVERSAL MICRON DataMet CALIPER

| Item No   | Range |       | Reso-<br>lution | Accu-<br>racy | Anvils set              |                        |        | Depth | Force | Protection | Measuring HUB | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB |
|-----------|-------|-------|-----------------|---------------|-------------------------|------------------------|--------|-------|-------|------------|---------------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|
|           | mm    | inch  | mm              | µm            | inside & outside groove | inside & outside point | disk D | mm    | N     |            |               |              |        |         |         |         |       |           |             |             |          |        |          |     |
| 141630158 | 0-150 | 0-6"  | 0,001           | ±15           | 5                       | D3x5                   | 30     | 40    | 1-20  | IP54       | •             | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 141630308 | 0-300 | 0-12" |                 | ±25           | 10                      | D3x10                  | 50     | 60    |       |            | •             | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |

## UNIVERSAL MODBUS DataMet CALIPER

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy | Anvils set                    |                              |        | Depth | Force | Protection | Measuring HUB | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB | MODBUS RTU | MODBUS ASCII | MODBUS TCP/IP |
|------------|-------|-------|-----------------|---------------|-------------------------------|------------------------------|--------|-------|-------|------------|---------------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|------------|--------------|---------------|
|            | mm    | inch  | mm              | µm            | inside &<br>outside<br>groove | inside &<br>outside<br>point | disk D | mm    | N     |            |               |              |        |         |         |         |       |           |             |             |          |        |          |     |            |              |               |
| 141630158M | 0-150 | 0-6"  | 0,001           | ±15           | 5                             | D3x5                         | 30     | 40    | 1-20  | IP54       | •             | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | option       | option        |
| 141630308M | 0-300 | 0-12" |                 | ±25           | 10                            | D3x10                        | 50     | 60    |       |            | •             | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | •            | •             |



### 3 PAIRS ANVILS



DataMet  
interface



CONNECTION  
possibilities



MODBUS  
protocol



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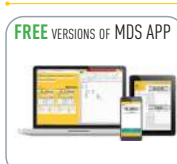
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MDS app ANDROID



## DELIVERY SET



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CALIBRATION PROTOCOL



USB DATA/CHARGING  
CABLE

## OPTIONAL



DATAMET BUTTON



DATAMET FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE

**IP67**  **SWISS**  
ELECTRONICS

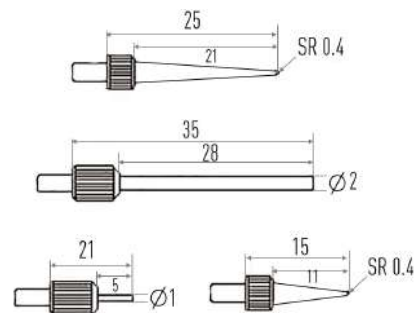


**1μm** **IP67**  **SWISS**  
ELECTRONICS



## SwissMet IP67 FUNCTIONS

|                                                                                                    |                                                                                                |                                                                                                                 |
|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>PrE</b>                                                                                         | <b>Unit</b>                                                                                    | <b>Hold</b>                                                                                                     |
| PRESET                                                                                             | mm/inch                                                                                        | HOLD                                                                                                            |
| <b>SLEEP (sis)</b>                                                                                 | <b>IP67</b>                                                                                    |  <b>SWISS</b><br>ELECTRONICS |
| Auto ON/OFF                                                                                        | IP 67 (IEC60529)                                                                               | Swiss electronics                                                                                               |
| <b>MDS APP</b>  | <b>HID</b>  |                                                                                                                 |
| WIRELESS MDS app                                                                                   | WIRELESS HID                                                                                   |                                                                                                                 |



**4 PAIR ANVILS**

- **SwissMet** Interchangeable point caliper with 4 pairs of anvils for internal & external measurements
- Digital Waterproof **IP67** Swiss electronics with 0.01 or **0.001**mm resolution
- Modification with **Bi-Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- Modification with **3 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Calibration certificate included (ISO17025 (Ilac MRA))

## INTERCHANGEABLE POINTS **SwissMet IP67** DIGITAL CALIPER

| Item No   | Range  |       | Depth | Resolution | Accuracy | Anvils  | Protection | Preset | mm/inch | HOLD | Auto on/off | S connect |
|-----------|--------|-------|-------|------------|----------|---------|------------|--------|---------|------|-------------|-----------|
|           | mm     | inch  |       |            |          |         |            |        |         |      |             |           |
| 141650303 | 0-300  | 0-12" | 90    |            | ±40      |         |            | •      | •       | •    | •           | •         |
| 141650503 | 0-500  | 0-20" | 150   | 0.01       | ±50      | 4 pairs | IP67       | •      | •       | •    | •           | •         |
| 141651003 | 0-1000 | 0-40" | 150   |            | ±60      |         |            | •      | •       | •    | •           | •         |



## INTERCHANGEABLE POINTS **WIRELESS** **SwissMet IP67** MICRON BI-FORCE DIGITAL CALIPER

| Item No   | Range |       | Depth | Resolution   | Accuracy | Anvils  | Force | Protection | Preset | mm/inch | Auto on/off | WIRELESS |
|-----------|-------|-------|-------|--------------|----------|---------|-------|------------|--------|---------|-------------|----------|
|           | mm    | inch  |       |              |          |         |       |            |        |         |             |          |
| 141650305 | 0-300 | 0-12" | 90    | <b>0,001</b> | ±25      | 4 pairs | 8/4   | IP67       | •      | •       | •           | •        |



## INTERCHANGEABLE POINTS **WIRELESS** **SwissMet IP67** MICRON DIGITAL CALIPER

| Item No   | Range  |       | Depth | Resolution   | Accuracy | Anvils  | Protection | Preset | mm/inch | Auto on/off | WIRELESS |
|-----------|--------|-------|-------|--------------|----------|---------|------------|--------|---------|-------------|----------|
|           | mm     | inch  |       |              |          |         |            |        |         |             |          |
| 141650506 | 0-500  | 0-20" | 150   | <b>0,001</b> | ±30      | 4 pairs | IP67       | •      | •       | •           | •        |
| 141651006 | 0-1000 | 0-40" | 150   |              | ±45      |         |            | •      | •       | •           | •        |

## DELIVERY SET



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CALIBRATION PROTOCOL



USB DATA/CHARGING CABLE



INTERCHANGEABLE ANVILS (4 PAIRS)



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## OPTIONAL



DATAMET BUTTON



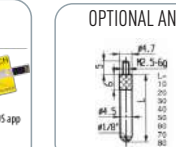
DATAMET FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



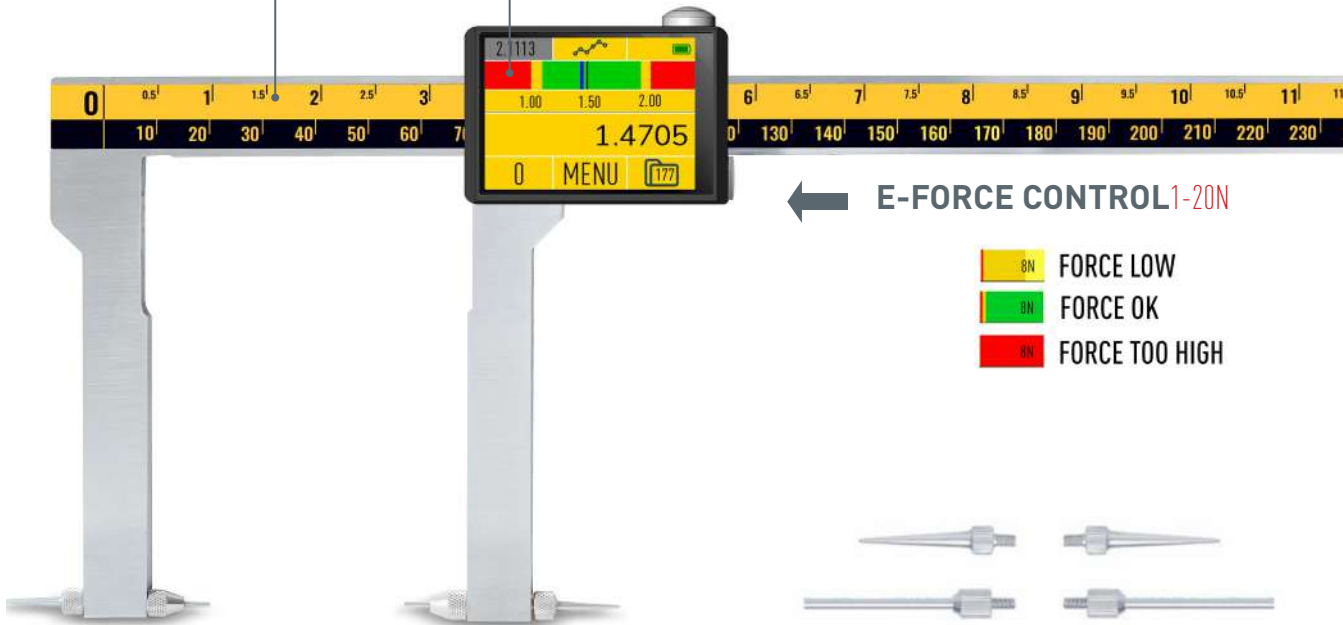
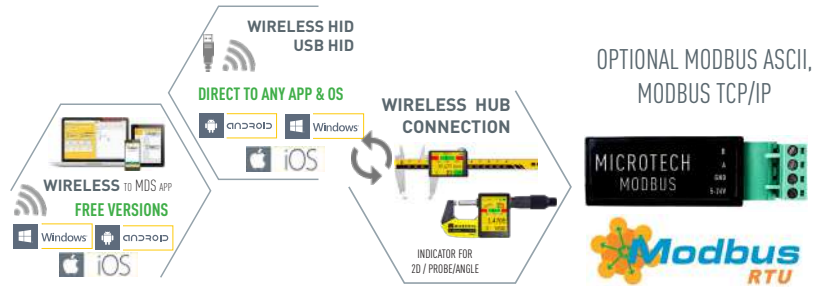
OPTIONAL ANVILS



TABLET MULTIFUNCTIONAL **MICS**  
2.0" TOUCHSCREEN DISPLAY

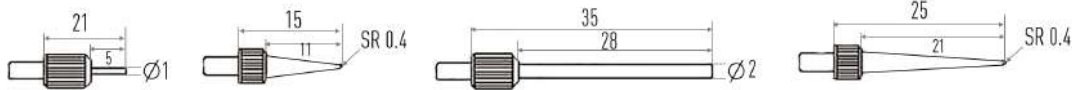


**SWISS**  
READING  
SYSTEM



**E-FORCE CONTROL 1-20N**

- 8N FORCE LOW
- 8N FORCE OK
- 8N FORCE TOO HIGH



**4 PAIR ANVILS**

## DATAmet FUNCTIONS

|                                    |                                   |                                       |                                      |                                        |                                              |
|------------------------------------|-----------------------------------|---------------------------------------|--------------------------------------|----------------------------------------|----------------------------------------------|
| <p><b>ANALOG SCALE</b></p>         | <p><b>COLOR GO / NOGO</b></p>     | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>                  | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> |
| <p><b>GRAPHIC MODE 1D/2D</b></p>   | <p><b>MEMORY 2000 values</b></p>  | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p>      | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>                       |
| <p><b>DISPLAY &amp; ENERGY</b></p> | <p><b>RESOLUTION, mm/inch</b></p> | <p><b>WIRELESS to MDS app</b></p>     | <p><b>WIRELESS &amp; USB HID</b></p> | <p><b>HUB mode (2D, Probe)</b></p>     | <p><b>DEVICE INFO, UPDATE</b></p>            |

- Interchangeable point caliper with 4 pairs of anvils for internal & external measurements
- MICRON with **SWISS made reading system** resolution **1 micron** (0,0005/0,001/0,01/0,1mm selection)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **4 MODES DATA TRANSFER:** **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**, **USB HID**
- **MODIFICATION MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))

## INTERCHANGEABLE POINT MICRON DataMet CALIPER

| Item No   | Range  |       | Depth | Resolution   | Accuracy | Anvils  | Force       | Protection | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB |
|-----------|--------|-------|-------|--------------|----------|---------|-------------|------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|
|           | mm     | inch  | mm    | mm           | µm       | SET     | N           |            |        |         |         |         |       |           |             |             |          |        |          |     |
| 141650308 | 0-300  | 0-12" | 90    |              | ±25      |         |             |            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 141650508 | 0-500  | 0-20" | 150   | <b>0,001</b> | ±30      | 4 pairs | <b>1-20</b> | IP54       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 141651008 | 0-1000 | 0-40" | 150   |              | ±40      |         |             |            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |



## INTERCHANGEABLE POINT MODBUS DataMet CALIPER

| Item No    | Range  |       | Depth | Resolution   | Accuracy | Anvils  | Force       | Protection | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB | MODBUS RTU | MODBUS ASCII | MODBUS TCP/IP |
|------------|--------|-------|-------|--------------|----------|---------|-------------|------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|------------|--------------|---------------|
|            | mm     | inch  | mm    | mm           | µm       | SET     | N           |            |        |         |         |         |       |           |             |             |          |        |          |     |            |              |               |
| 141650308M | 0-300  | 0-12" | 90    |              | ±25      |         |             |            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          |              |               |
| 141650508M | 0-500  | 0-20" | 150   | <b>0,001</b> | ±30      | 4 pairs | <b>1-20</b> | IP54       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | option       | option        |
| 141651008M | 0-1000 | 0-40" | 150   |              | ±40      |         |             |            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          |              |               |



## DELIVERY SET

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CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE

INTERCHANGEABLE ANVILS (4 PAIRS)

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MDS app WINDOWS

DOWNLOAD  
MDS app iOS, MacOS

## OPTIONAL

DATAmet BUTTON

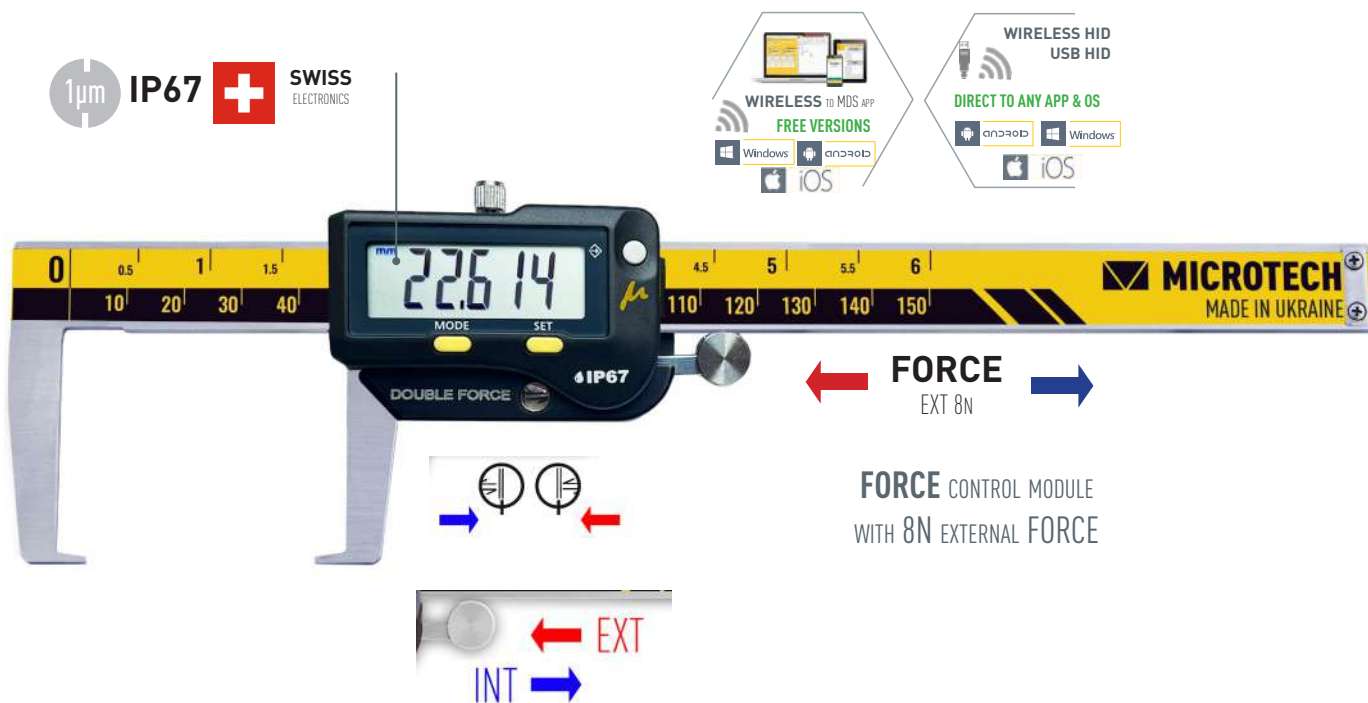
DATAmet FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

OPTIONAL ANVILS

DOWNLOAD  
MDS app ANDROID



## SwissMet IP67 FUNCTIONS

**PrE** **Unit** **Hold**

PRESET

mm/inch

HOLD

**SLEEP (SIS)**

**IP67**

**SWISS ELECTRONICS**

Auto ON/OFF

IP 67 (IEC60529)

Swiss electronics

**MDS APP**

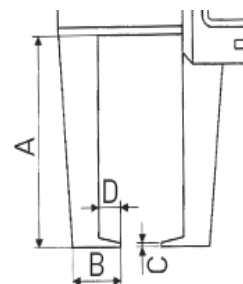
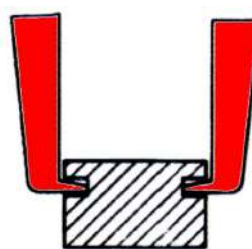


WIRELESS MDS app

**HID**



WIRELESS HID



|       | A  | B  | C   | D  |
|-------|----|----|-----|----|
| mm    | mm | mm | mm  | mm |
| 0-150 | 25 | 9  | 1   | 5  |
| 0-200 | 25 | 9  | 1.5 | 8  |
| 0-300 | 43 | 16 | 1.5 | 8  |

- **SwissMet** Outside groove caliper with flat points
- Digital Waterproof **IP67** Swiss electronics with 0.01 or **0.001** mm resolution
- Modification with **Force** control module with 8N external FORCE (Patents US10429165, UA146381)
- Modification with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

## OUTSIDE GROOVE **SwissMet IP67** DIGITAL CALIPER

| Item No                                              | Range |       | Resolution | Accuracy | Force | Protection | Preset | mm/inch | HOLD | S connect | WIRELESS |
|------------------------------------------------------|-------|-------|------------|----------|-------|------------|--------|---------|------|-----------|----------|
|                                                      | mm    | inch  | mm         | µm       | N     |            |        |         |      |           |          |
| OUTSIDE GROOVE <b>SWISSMET</b> DIGITAL CALIPER IP67  |       |       |            |          |       |            |        |         |      |           |          |
| 141430153                                            | 0-150 | 0-6"  | 0,01       | ±30      | -     | IP67       | •      | •       | •    | •         |          |
| 141430203                                            | 0-200 | 0-8"  |            | ±30      |       |            | •      | •       | •    | •         |          |
| 141430303                                            | 0-300 | 0-12" |            | ±30      |       |            | •      | •       | •    | •         |          |
| OUTSIDE GROOVE <b>SWISSMET WIRELESS</b> CALIPER IP67 |       |       |            |          |       |            |        |         |      |           |          |
| 141430154                                            | 0-150 | 0-6"  | 0,01       | ±30      | -     | IP67       | •      | •       |      |           | •        |
| 141430204                                            | 0-200 | 0-8"  |            | ±30      |       |            | •      | •       |      |           | •        |
| 141430304                                            | 0-300 | 0-12" |            | ±30      |       |            | •      | •       |      |           | •        |

## OUTSIDE GROOVE **SwissMet IP67** MICRON FORCE DIGITAL CALIPER

| Item No                                                                   | Range |       | Resolution | Accuracy | Force | Protection | Preset | mm/inch | HOLD | S_connect | WIRELESS |
|---------------------------------------------------------------------------|-------|-------|------------|----------|-------|------------|--------|---------|------|-----------|----------|
|                                                                           | mm    | inch  | mm         | µm       | N     |            |        |         |      |           |          |
| OUTSIDE GROOVE <b>SWISSMET MICRON FORCE</b> DIGITAL CALIPER IP67          |       |       |            |          |       |            |        |         |      |           |          |
| 141430156                                                                 | 0-150 | 0-6"  | 0,001      | ±10      | 8     | IP67       | •      | •       | •    | •         |          |
| 141430206                                                                 | 0-200 | 0-8"  |            | ±15      |       |            | •      | •       | •    | •         |          |
| 141430306                                                                 | 0-300 | 0-12" |            | ±20      |       |            | •      | •       | •    | •         |          |
| OUTSIDE GROOVE <b>SWISSMET WIRELESS MICRON FORCE</b> DIGITAL CALIPER IP67 |       |       |            |          |       |            |        |         |      |           |          |
| 141430155                                                                 | 0-150 | 0-6"  | 0,001      | ±10      | 8     | IP67       | •      | •       |      |           | •        |
| 141430205                                                                 | 0-200 | 0-8"  |            | ±15      |       |            | •      | •       |      |           | •        |
| 141430305                                                                 | 0-300 | 0-12" |            | ±20      |       |            | •      | •       |      |           | •        |



## DELIVERY SET



## OPTIONAL

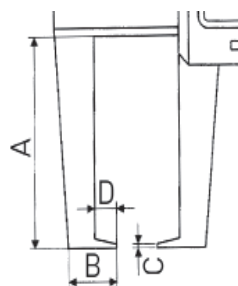
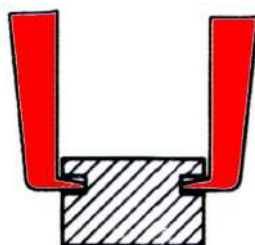




- **CertiMet** Outside groove caliper with flat points
- High quality Big screen digital caliper **IP54** waterproof with optimal price level
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No   | Range |       | Reso-<br>lution | Accu-<br>racy | Protection | USB HID |
|-----------|-------|-------|-----------------|---------------|------------|---------|
|           | mm    | inch  | mm              | $\mu\text{m}$ |            |         |
| 141430150 | 0-150 | 0-6"  |                 | $\pm 30$      |            | •       |
| 141430200 | 0-200 | 0-8"  | 0,01            | $\pm 30$      | IP67       | •       |
| 141430300 | 0-300 | 0-12" |                 | $\pm 30$      |            | •       |



|       | A  | B  | C   | D  |
|-------|----|----|-----|----|
| mm    | mm | mm | mm  | mm |
| 0-150 | 25 | 9  | 1   | 5  |
| 0-200 | 25 | 9  | 1.5 | 8  |
| 0-300 | 43 | 16 | 1.5 | 8  |

## DELIVERY SET



## OPTIONAL

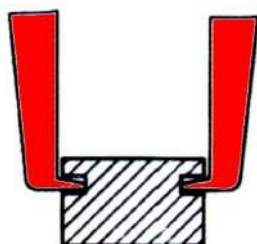
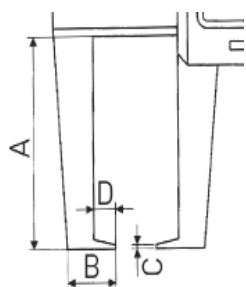
**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE A  
KEYBOARD



- **DataMet** Outside groove caliper with flat points
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **E-Force control module** with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **MODIFICATION MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration certificate** included (ISO17025 (Ilac MRA))



| Item No   | Range |       | Resolution | Accuracy | Force | Protection | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB HID |
|-----------|-------|-------|------------|----------|-------|------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|---------|
|           | mm    | inch  |            |          |       |            |        |         |         |         |       |           |             |             |          |        |          |         |
| 141430157 | 0-150 | 0-6"  | 0,005      | ±20      | 1-20  | IP54       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •       |
| 141430207 | 0-200 | 0-8"  |            | ±25      |       |            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •       |
| 141430307 | 0-300 | 0-12" |            | ±25      |       |            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •       |



|       | A  | B  | C   | D  |
|-------|----|----|-----|----|
| mm    | mm | mm | mm  | mm |
| 0-150 | 25 | 9  | 1   | 5  |
| 0-200 | 25 | 9  | 1.5 | 8  |
| 0-300 | 43 | 16 | 1.5 | 8  |



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MDS app WINDOWS



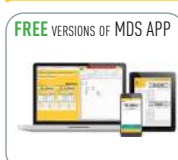
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## DELIVERY SET



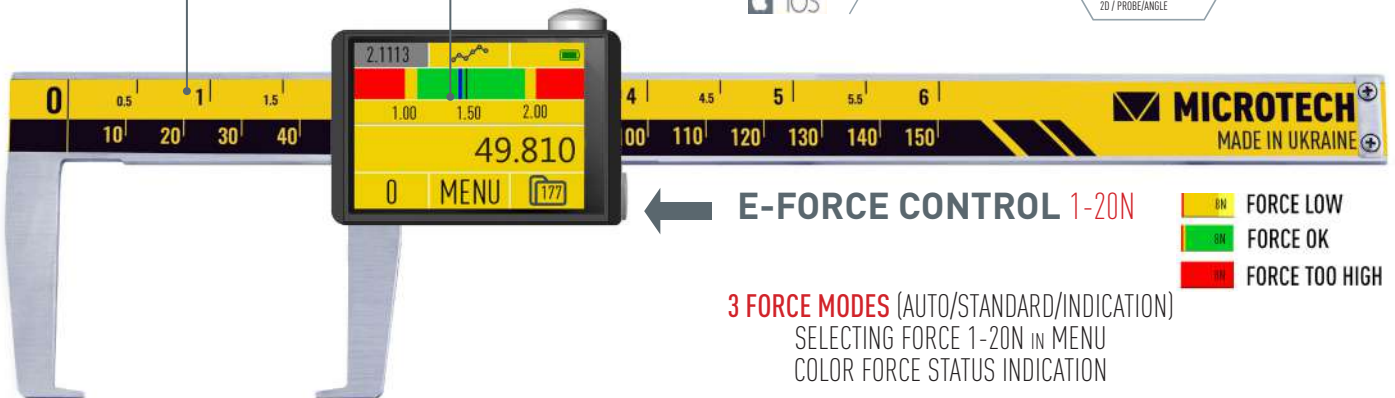
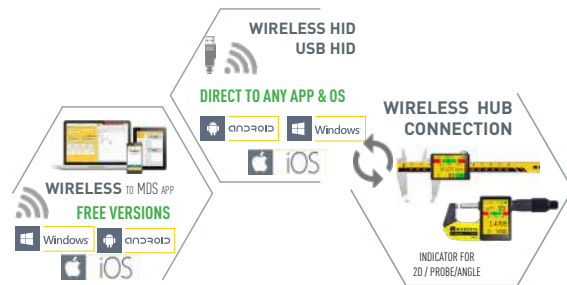
## OPTIONAL



TABLET MULTIFUNCTIONAL MICS  
2.0" TOUCHSCREEN DISPLAY



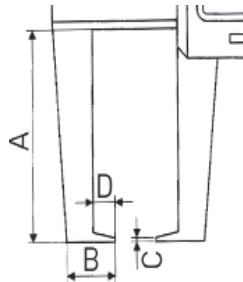
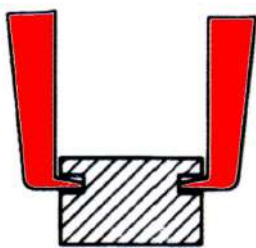
SWISS  
READING  
SYSTEM



E-FORCE CONTROL 1-20N

3 FORCE MODES (AUTO/STANDARD/INDICATION)  
SELECTING FORCE 1-20N IN MENU  
COLOR FORCE STATUS INDICATION

8N FORCE LOW  
8N FORCE OK  
20N FORCE TOO HIGH



|       | A  | B  | C   | D  |
|-------|----|----|-----|----|
| mm    | mm | mm | mm  | mm |
| 0-150 | 25 | 9  | 1   | 5  |
| 0-200 | 25 | 9  | 1.5 | 8  |
| 0-300 | 43 | 16 | 1.5 | 8  |

## DataMet FUNCTIONS

ANALOG SCALE

COLOR GO / NOGO

COLOR MAX / MIN / RANGE

TIMER

TOUCH PROBE SETTINGS

FORMULA  $Ax^2+Bx+C$

GRAPHIC MODE 1D/2D

MEMORY 2000 values

FOLDERS mode

MEMORY STATISTICS

TEMPERATURE COMPENSATION

PASSWORD

DISPLAY & ENERGY

RESOLUTION, mm/inch

WIRELESS to MDS app

WIRELESS & USB HID

HUB mode (2D, Probe)

DEVICE INFO, UPDATE

- **DataMet** Outside groove caliper with flat points
- **MICRON** with **SWISS made reading system** resolution **1 micron** (0,0005/0,001/0,01/0,1mm selection)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **4 MODES DATA TRANSFER:** **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**, **USB HID**
- **MODIFICATION MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))

## OUTSIDE GROOVE **MICRON DataMet** CALIPER

| Item No   | Range |       | Reso-<br>lution | Accu-<br>racy | Force       | Protection | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB HID |
|-----------|-------|-------|-----------------|---------------|-------------|------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|---------|
|           | mm    | inch  | mm              | µm            | N           |            |        |         |         |         |       |           |             |             |          |        |          |         |
| 141430158 | 0-150 | 0-6"  |                 | ±10           |             |            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •       |
| 141430208 | 0-200 | 0-8"  | <b>0,001</b>    | ±15           | <b>1-20</b> | IP54       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •       |
| 141430308 | 0-300 | 0-12" |                 | ±20           |             |            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •       |

## MODBUS OUTSIDE GROOVE **MICRON DataMet** CALIPER

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy | Force       | Protection | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB HID | MODBUS RTU | MODBUS ASCII | MODBUS TCP/IP |
|------------|-------|-------|-----------------|---------------|-------------|------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|---------|------------|--------------|---------------|
|            | mm    | inch  | mm              | µm            | N           |            |        |         |         |         |       |           |             |             |          |        |          |         |            |              |               |
| 141430158M | 0-150 | 0-6"  |                 | ±10           |             |            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •       | •          |              |               |
| 141430208M | 0-200 | 0-8"  | <b>0,001</b>    | ±15           | <b>1-20</b> | IP54       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •       | •          | option       | option        |
| 141430308M | 0-300 | 0-12" |                 | ±20           |             |            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •       | •          |              |               |


DataMet  
interface

CONNECTION  
possibilities

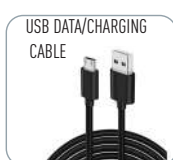
MODBUS  
protocol

**DOWNLOAD**  
MDS app WINDOWS

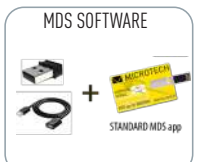
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MDS app iOS, MacOS

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MDS app ANDROID


## DELIVERY SET



## OPTIONAL







1µm

IP67



SWISS  
ELECTRONICS



← **FORCE  
CONTROL**

1µm

IP67



SWISS  
ELECTRONICS



← **FORCE  
CONTROL**

## SWISSMET IP67 FUNCTIONS

**PrE**

PRESET

**Unit**

mm/inch

**Hold**

HOLD

**SLEEP (SIS)**

Auto ON/OFF

**IP67**

IP 67 (IEC60529)



SWISS  
ELECTRONICS

Swiss electronics

**MDS APP**

WIRELESS MDS app

**HID**

WIRELESS HID

- **SwissMet** Outside point caliper
- Digital Waterproof **IP67** Swiss electronics with 0.01 or **0.001**mm resolution
- Modification with **Force** control module with 12N external FORCE (Patents US10429165, UA146381)
- Modification with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

## OUTSIDE POINT **SwissMet IP67** DIGITAL CALIPER

| Item No   | Range  |       | Resolu-<br>tion | Jaws  |            | Accu-<br>racy | Force | Protection | Preset | mm/inch | HOLD | S connect |
|-----------|--------|-------|-----------------|-------|------------|---------------|-------|------------|--------|---------|------|-----------|
|           |        |       |                 | Depth | D<br>point |               |       |            |        |         |      |           |
|           | mm     | inch  |                 | mm    | mm         |               |       |            |        |         |      |           |
| 141403143 | 0-300  | 0-12" | 0,01            | 90    | 1          | ±30           |       | IP67       | •      | •       | •    | •         |
| 141405143 | 0-500  | 0-20" |                 | 150   |            | ±40           |       |            | •      | •       | •    | •         |
| 141405153 |        |       |                 | 300   | 3          | ±40           |       |            | •      | •       | •    | •         |
| 141410153 | 0-1000 | 0-40" |                 |       |            | ±70           |       |            | •      | •       | •    | •         |

## OUTSIDE POINT **WIRELESS** **SwissMet IP67** MICRON FORCE DIGITAL CALIPER

| Item No   | Range  |       | Resolu-<br>tion | Jaws  |            | Accu-<br>racy | Force | Protection | Preset | mm/inch | WIRELESS |
|-----------|--------|-------|-----------------|-------|------------|---------------|-------|------------|--------|---------|----------|
|           |        |       |                 | Depth | D<br>point |               |       |            |        |         |          |
|           | mm     | inch  |                 | mm    | mm         |               |       |            |        |         |          |
| 141403145 | 0-300  | 0-12" | 0,001           | 90    | 1          | ±15           | 8     | IP67       | •      | •       | •        |
| 141405145 | 0-500  | 0-20" |                 | 150   |            | ±25           | 12    |            | •      | •       | •        |
| 141405155 |        |       |                 |       |            |               |       |            |        | •       | •        |
| 141410155 | 0-1000 | 0-40" |                 |       | 300        | 3             | +40   |            |        | •       | •        |



SwissMet  
interface



CONNECTION  
possibilities



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MDS app WINDOWS



DOWNLOAD  
MDS app iOS, MacOS



DOWNLOAD  
MDS app ANDROID

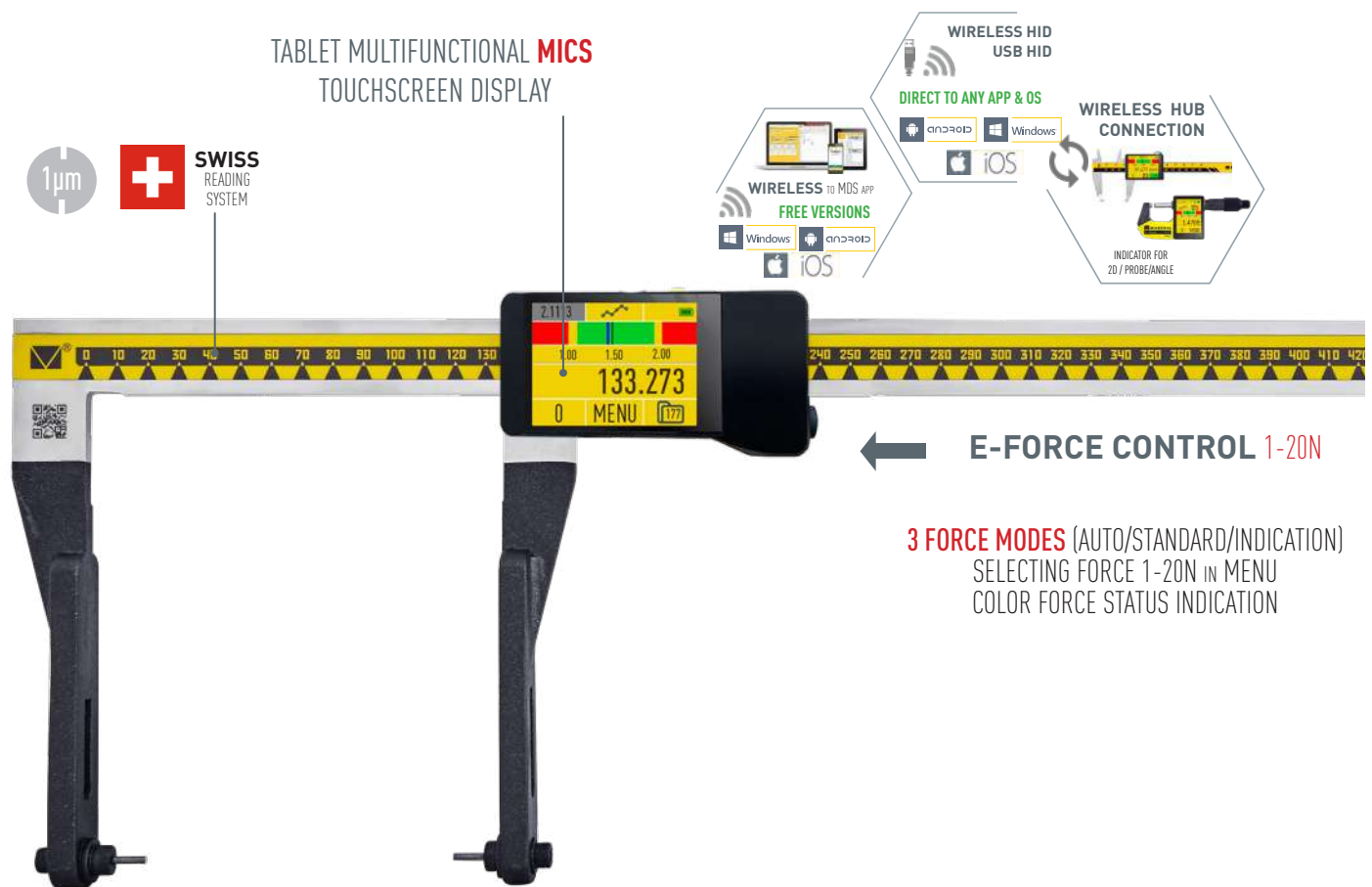


## DELIVERY SET

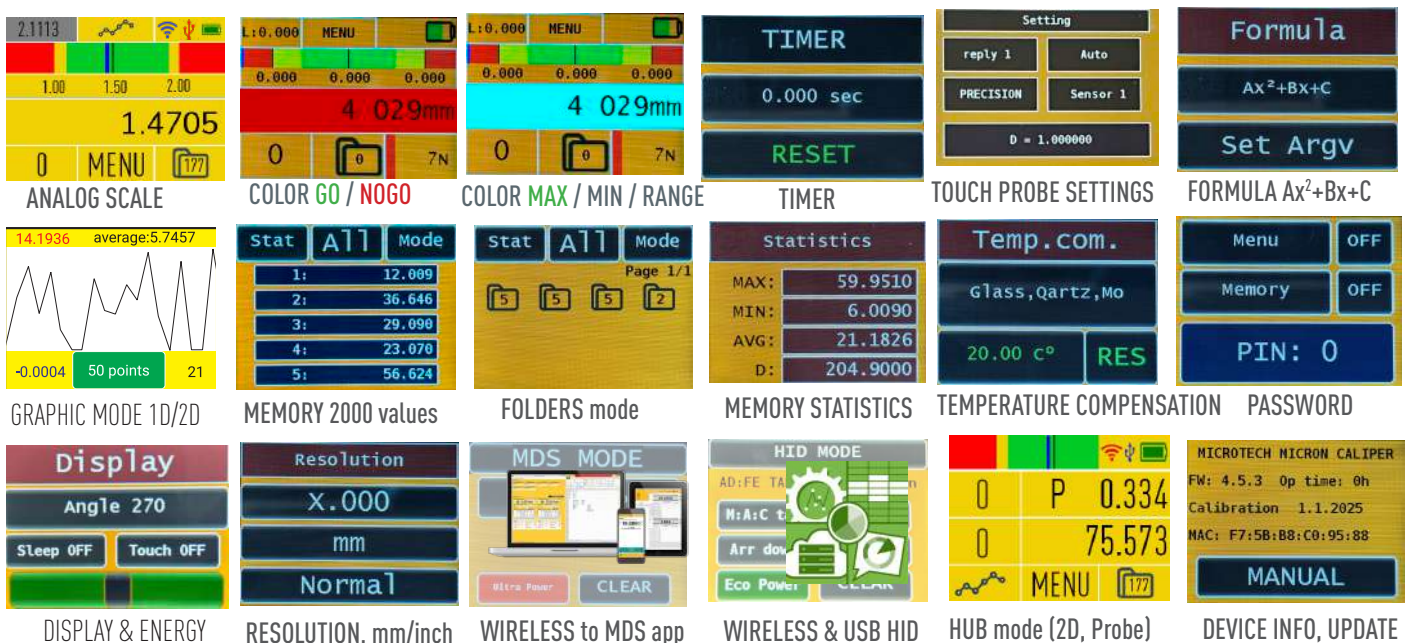


## OPTIONAL





## DATAmet FUNCTIONS



- **DataMet** Outside point caliper with e-Force control 1-20N
- Computerized **MICS** indication system with 0.01 or 0,001mm resolution **SWISS made reading system**
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- E-Force control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- MODIFICATION MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))

## OUTSIDE POINT DataMet CALIPER

| Item No   | Range  |       | Resolu-<br>tion | Jaws  |         | Accu-<br>racy | Force | Protection | Measuring HUB | Analog scale | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB HID |
|-----------|--------|-------|-----------------|-------|---------|---------------|-------|------------|---------------|--------------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|---------|
|           |        |       |                 | Depth | D point |               |       |            |               |              |         |        |         |         |         |       |           |             |             |          |        |          |         |
|           | mm     | inch  | mm              | mm    | mm      | µm            | N     |            |               |              |         |        |         |         |         |       |           |             |             |          |        |          |         |
| 141403147 | 0-300  | 0-12" | 0.005           | 90    | 1       | ±25           |       |            |               |              |         |        |         |         |         |       |           |             |             |          |        |          |         |
| 141405147 | 0-500  | 0-20" | 0,01            | 150   | 1       | ±40           | 1-20  | IP54       |               |              |         |        |         |         |         |       |           |             |             |          |        |          |         |
| 141405157 |        |       |                 | 300   | 3       |               |       |            |               |              |         |        |         |         |         |       |           |             |             |          |        |          |         |
| 141410157 | 0-1000 | 0-40" |                 |       |         | ±60           |       |            |               |              |         |        |         |         |         |       |           |             |             |          |        |          |         |

## OUTSIDE POINT MICRON DataMet CALIPER

| Item No   | Range  |       | Resolu-<br>tion | Jaws  |            | Accu-<br>racy | Force | Protection | Measuring HUB | Analog scale | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB HID |   |
|-----------|--------|-------|-----------------|-------|------------|---------------|-------|------------|---------------|--------------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|---------|---|
|           |        |       |                 | Depth | D<br>point |               |       |            |               |              |         |        |         |         |         |       |           |             |             |          |        |          |         |   |
|           | mm     | inch  | mm              | mm    | mm         | µm            | N     |            |               |              |         |        |         |         |         |       |           |             |             |          |        |          |         |   |
| 141403148 | 0-300  | 0-12" | 0,001           | 90    | 1          | ±15           | 1-20  | IP54       |               |              |         | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •       |   |
| 141405148 | 0-500  | 0-20" |                 | 150   | 1          | ±25           |       |            |               | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •       |   |
| 141405158 |        |       |                 | 300   | 3          |               |       |            |               | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •       | • |
| 141410158 | 0-1000 | 0-40" |                 |       |            | ±40           |       |            |               | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •       | • |

## MODBUS OUTSIDE POINT MICRON DataMet CALIPER

| Item No    | Range  | Resolu-<br>tion | Jaws  |         | Accu-<br>racy | Force | Protection | Measuring HUB | Analog scale | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB HID | MODBUS RTU | MODBUS ASCII | MODBUS TCP/IP |   |        |
|------------|--------|-----------------|-------|---------|---------------|-------|------------|---------------|--------------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|---------|------------|--------------|---------------|---|--------|
|            |        |                 | Depth | D point |               |       |            |               |              |         |        |         |         |         |       |           |             |             |          |        |          |         |            |              |               |   |        |
|            | mm     | mm              | mm    | mm      | µm            | N     |            |               |              |         |        |         |         |         |       |           |             |             |          |        |          |         |            |              |               |   |        |
| 141403148M | 0-300  | 0,001           | 90    | 1       | ±15           | 1-20  | IP54       |               |              |         | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •       | •          | •            |               |   |        |
| 141405148M | 0-500  |                 | 150   |         | ±25           |       |            | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •       | •          | •            | •             | • | •      |
| 141405158M |        |                 | 300   | 3       | ±40           |       |            | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •       | •          | •            | •             | • | option |
| 141410158M | 0-1000 |                 |       |         |               |       |            | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •       | •          | •            |               |   |        |



## DELIVERY SET



## OPTIONAL



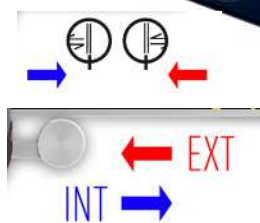
**IP67**  **SWISS**  
ELECTRONICS



## SwissMet IP67 FUNCTIONS

|                                    |                                 |                                                                                                                  |
|------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>PrE</b><br>PRESET               | <b>Unit</b><br>mm/inch          | <b>Hold</b><br>HOLD                                                                                              |
| <b>SLEEP (sis)</b><br>Auto ON/OFF  | <b>IP67</b><br>IP 67 (IEC60529) |  <b>SWISS</b><br>ELECTRONICS |
| <b>MDS APP</b><br>WIRELESS MDS app | <b>HID</b><br>WIRELESS HID      |                                                                                                                  |

**1µm** **IP67**  **SWISS**  
ELECTRONICS



**Bi-FORCE**  
EXT 8N INT 4N

**Bi-FORCE** CONTROL MODULE  
WITH 8N EXTERNAL AND 4N INTERNAL FORCE

HAND FINISHED MEASURING SURFACES

- **SwissMet** Digital ROPE caliper with or without FORCE control
- ROPE caliper for accurately measuring the diameter of ropes, wire ropes, cables, or cylindrical objects. It typically has wide jaws or large measuring surfaces to prevent measuring errors caused by uneven or soft surfaces of ropes
- Digital Waterproof **IP67** Swiss electronics with 0.01 or **0.001** mm resolution
- Modification with **Bi-Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- Modification with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

**ROPE SwissMet IP67** DIGITAL CALIPER

| Item No   | Range |       | Resolu-<br>tion | Jaws   |       | Accu-<br>racy | Force | Protection | Preset | mm/inch | HOLD | S connect |
|-----------|-------|-------|-----------------|--------|-------|---------------|-------|------------|--------|---------|------|-----------|
|           |       |       |                 | Height | Width |               |       |            |        |         |      |           |
|           | mm    | inch  | mm              | mm     | mm    | µm            | N     |            |        |         |      |           |
| 141490153 | 0-150 | 0-6"  | 0,01            | 30     | 60    | ±30           |       |            | •      | •       | •    | •         |
| 141490303 | 0-300 | 0-12" |                 | 30     | 60    | ±40           |       | IP67       | •      | •       | •    | •         |
| 141490393 | 0-300 | 0-12" |                 | 90     | 20    | ±40           |       |            | •      | •       | •    | •         |

**ROPE WIRELESS SwissMet IP67 MICRON FORCE** DIGITAL CALIPER

| Item No   | Range |       | Resolu-<br>tion | Jaws   |       | Accu-<br>racy | Force | Protection | Preset | mm/inch | HOLD | WIRELESS |
|-----------|-------|-------|-----------------|--------|-------|---------------|-------|------------|--------|---------|------|----------|
|           |       |       |                 | Height | Width |               |       |            |        |         |      |          |
|           | mm    | inch  | mm              | mm     | mm    | µm            | N     |            |        |         |      |          |
| 141490156 | 0-150 | 0-6"  | <b>0,001</b>    | 30     | 60    | ±15           |       |            | •      | •       | •    | •        |
| 141490306 | 0-300 | 0-12" |                 | 30     | 60    | ±20           | 8N    | IP67       | •      | •       | •    | •        |
| 141490396 | 0-300 | 0-12" |                 | 90     | 20    | ±30           |       |            | •      | •       | •    | •        |



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interface



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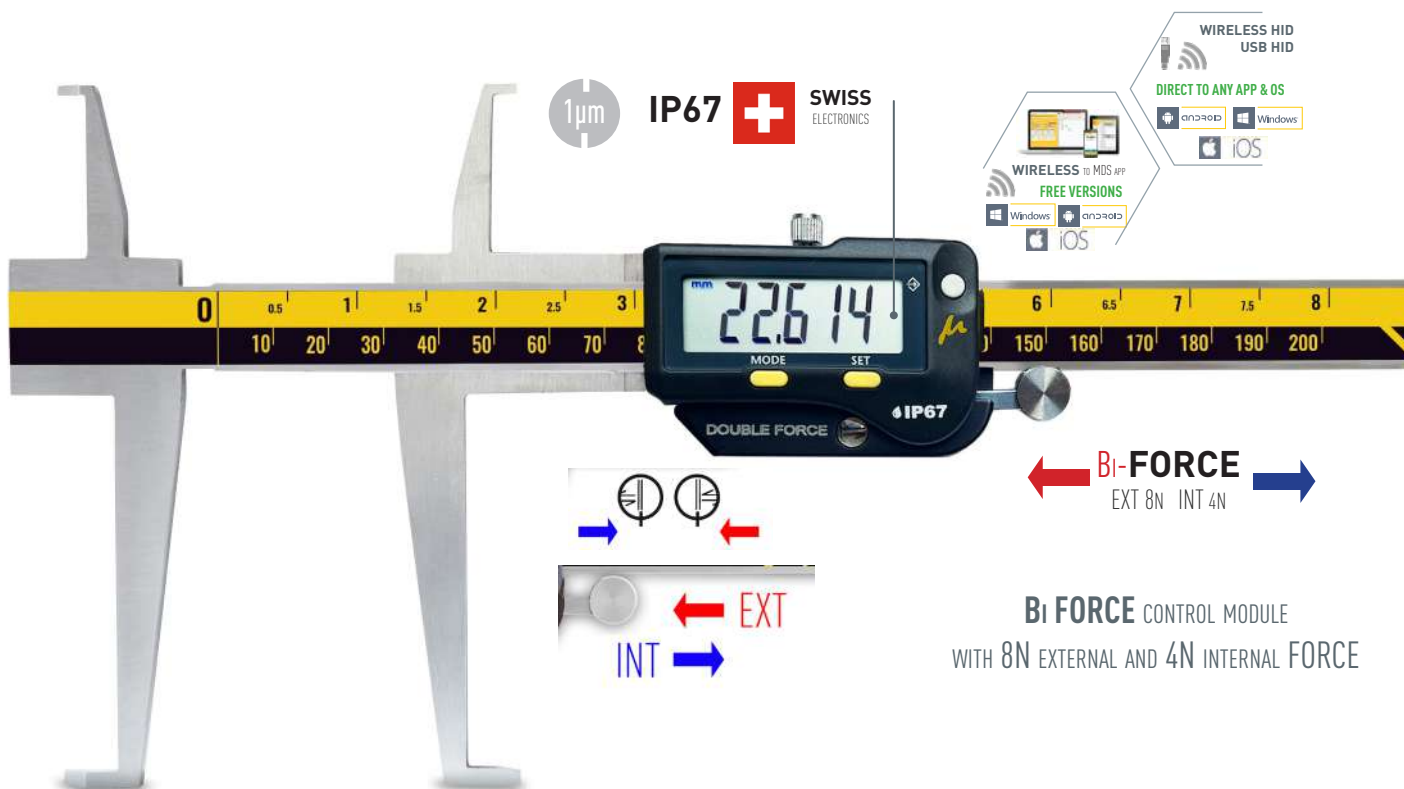
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**DELIVERY SET**

**OPTIONAL**

**Bi-FORCE**  
EXT 8N INT 4N

**Bi FORCE** CONTROL MODULE  
WITH 8N EXTERNAL AND 4N INTERNAL FORCE

## SwissMet IP67 FUNCTIONS

|                                                                                                      |                                                                                                  |                                                                                                                |
|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>PrE</b>                                                                                           | <b>Unit</b>                                                                                      | <b>Hold</b>                                                                                                    |
| PRESET                                                                                               | mm/inch                                                                                          | HOLD                                                                                                           |
| <b>SLEEP (SIS)</b>                                                                                   | <b>IP67</b>                                                                                      |  <b>SWISS ELECTRONICS</b> |
| Auto ON/OFF                                                                                          | IP 67 (IEC60529)                                                                                 | Swiss electronics                                                                                              |
| <b>MDS APP</b>  | <b>HID</b>  |                                                                                                                |
| WIRELESS MDS app                                                                                     | WIRELESS HID                                                                                     |                                                                                                                |

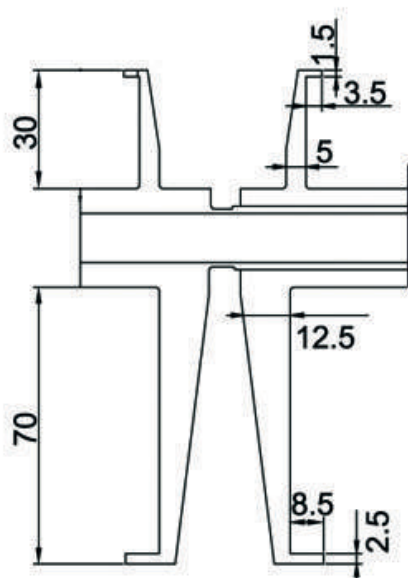
- **SwissMet** Inside groove caliper with Double internal jaws (30+70mm)
- Digital Waterproof **IP67** Swiss electronics with 0.01 or 0.001mm resolution
- Modification with **Bi-Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- Modification with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- Calibration certificate included (ISO17025 (Ilac MRA))

## INSIDE GROOVE **SwissMet IP67** DIGITAL CALIPER

| Item No                             | Range |         |        |         | Jaws  |       | Pins    |         | Reso-<br>lution | Accu-<br>racy | FORCE | Protection | Preset | mm/inch | HOLD | S_connect | WIRELESS |
|-------------------------------------|-------|---------|--------|---------|-------|-------|---------|---------|-----------------|---------------|-------|------------|--------|---------|------|-----------|----------|
|                                     | upper |         | lower  |         | upper | lower | upper   | lower   |                 |               |       |            |        |         |      |           |          |
|                                     | mm    | inch    | mm     | inch    |       |       |         |         |                 |               |       |            |        |         |      |           |          |
| INSIDE GROOVE DIGITAL CALIPER IP67  |       |         |        |         |       |       |         |         |                 |               |       |            |        |         |      |           |          |
| 141220203                           | 9-200 | 0.4-8"  | 17-200 | 0,7-8"  | 30    | 70    | 3,5x1,5 | 8,5x2,5 | 0,01            | ±30           |       | IP67       | •      | •       | •    | •         |          |
| 141220303                           | 9-300 | 0.4-12" | 17-300 | 0,7-12" |       |       |         |         |                 | ±40           |       |            | •      | •       | •    | •         |          |
| INSIDE GROOVE WIRELESS CALIPER IP67 |       |         |        |         |       |       |         |         |                 |               |       |            |        |         |      |           |          |
| 141220204                           | 9-200 | 0.4-8"  | 17-200 | 0,7-8"  | 30    | 70    | 3,5x1,5 | 8,5x2,5 | 0,01            | ±30           |       | IP67       | •      | •       |      |           | •        |
| 141220304                           | 9-300 | 0.4-12" | 17-300 | 0,7-12" |       |       |         |         |                 | ±40           |       |            | •      | •       |      |           |          |

## INSIDE GROOVE **WIRELESS** **SwissMet IP67** MICRON FORCE DIGITAL CALIPER

| Item No   | Range |         |        |         | Jaws  |       | Pins    |         | Reso-<br>lution | Accu-<br>racy | FORCE | Protection | Preset | mm/inch | HOLD | WIRELESS |
|-----------|-------|---------|--------|---------|-------|-------|---------|---------|-----------------|---------------|-------|------------|--------|---------|------|----------|
|           | upper |         | lower  |         | upper | lower | upper   | lower   |                 |               |       |            |        |         |      |          |
|           | mm    | inch    | mm     | inch    |       |       |         |         |                 |               |       |            |        |         |      |          |
| 141220205 | 9-200 | 0.4-8"  | 17-200 | 0.7-8"  | 30    | 70    | 3,5x1,5 | 8,5x2,5 | 0,001           | ±20           | 8/4   | IP67       | •      | •       | •    | •        |
| 141220305 | 9-300 | 0.4-12" | 17-300 | 0.7-12" |       |       |         |         |                 | ±25           |       |            | •      | •       | •    | •        |



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## DELIVERY SET



## OPTIONAL

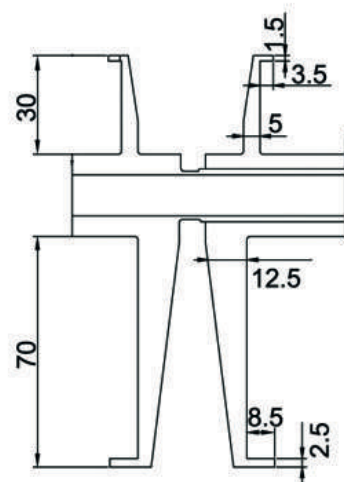




- **CertiMet** Inside groove caliper with Double internal jaws (30+70mm)
- Digital indication system with 0.01 mm resolution
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No   | Range |         |        |         | Jaws  |       | Pins    |         | Resolution | Accuracy | Protection | USB HID |
|-----------|-------|---------|--------|---------|-------|-------|---------|---------|------------|----------|------------|---------|
|           | upper |         | lower  |         | upper | lower | upper   | lower   |            |          |            |         |
|           | mm    | inch    | mm     | inch    | mm    | mm    | mm      | mm      |            |          |            |         |
| 141220200 | 9-200 | 0.4-8"  | 17-200 | 0.7-8"  | 30    | 70    | 3,5x1,5 | 8,5x2,5 | 0,01       | ±30      | IP54       | •       |
| 141220300 | 9-300 | 0.4-12" | 17-300 | 0.7-12" |       |       |         |         |            | ±40      |            | •       |



## DELIVERY SET

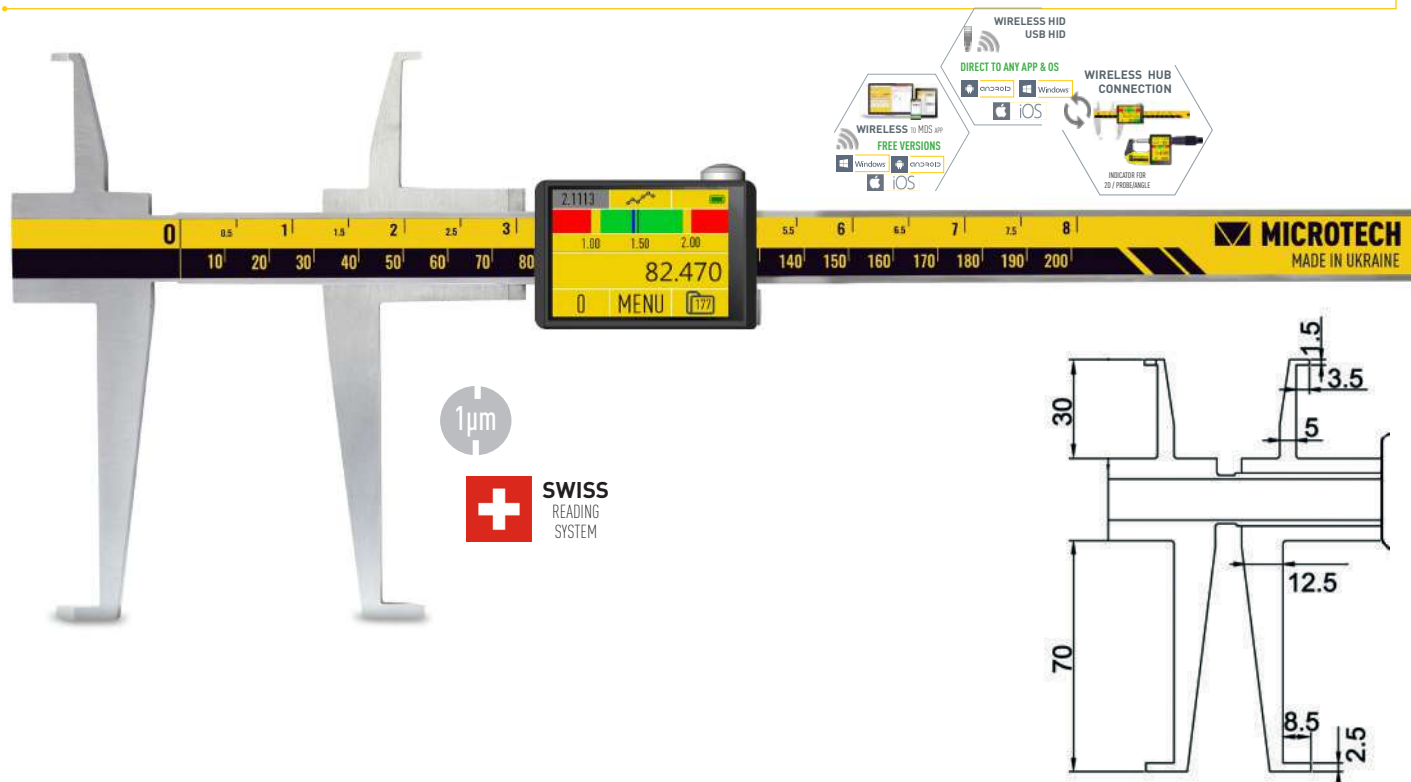


## OPTIONAL

**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE A  
KEYBOARD



- **DataMet** Inside groove caliper with Double internal jaws (30+70mm)
- Computerized **MICS** indication system with 0.01 or 0,001mm resolution **SWISS made reading system**
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- OPTIONAL **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))



| Item No   | Range |         |        |         | Jaws  |       | Pins    |         | Reso-<br>lution | Accu-<br>racy | FORCE | Protection | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Calibr date | Memory | WIRELESS | USB HID | MODBUS RTU |
|-----------|-------|---------|--------|---------|-------|-------|---------|---------|-----------------|---------------|-------|------------|--------|---------|---------|---------|-------|-----------|-------------|--------|----------|---------|------------|
|           | upper |         | lower  |         | upper | lower | upper   | lower   |                 |               |       |            |        |         |         |         |       |           |             |        |          |         |            |
|           | mm    | inch    | mm     | inch    |       |       |         |         |                 |               |       |            |        |         |         |         |       |           |             |        |          |         |            |
| 141220208 | 9-200 | 0.4-8"  | 17-200 | 0,7-8"  | 30    | 70    | 3,5x1,5 | 8,5x2,5 | 0,001           | ±20           | -     | IP54       | •      | •       | •       | •       | •     | •         | •           | •      | •        | •       |            |
| 141220308 | 9-300 | 0.4-12" | 17-300 | 0,7-12" |       |       |         |         | 0,001           | ±25           |       |            | •      | •       | •       | •       | •     | •         | •           | •      | •        | •       |            |



DataMet interface



CONNECTION possibilities



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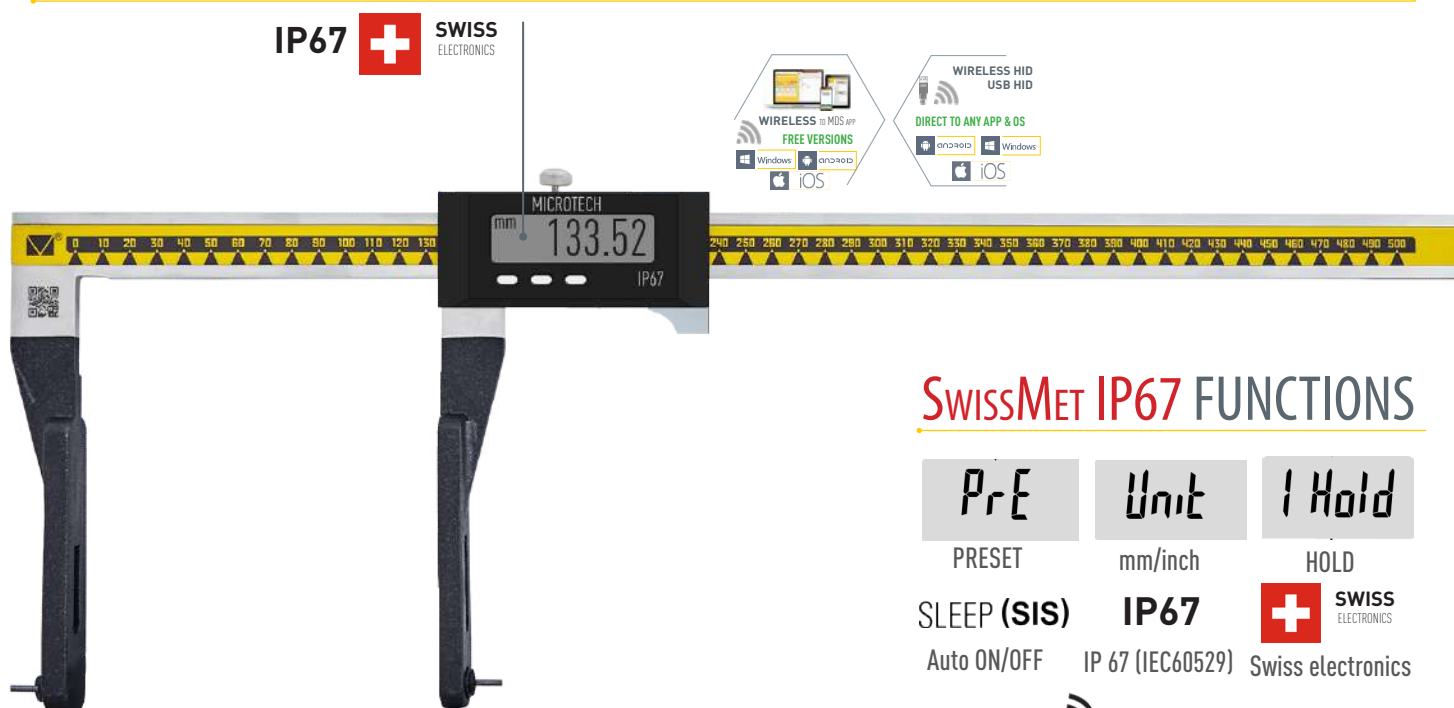
## DELIVERY SET



## OPTIONAL



- **SwissMet** Inside point digital caliper
- Digital Waterproof **IP67** Swiss electronics with 0.01mm resolution
- Modification with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- Calibration certificate included (ISO17025 (Ilac MRA))



## SwissMet IP67 FUNCTIONS

|                    |                  |                   |
|--------------------|------------------|-------------------|
| <b>PrE</b>         | <b>Unit</b>      | <b>I Hold</b>     |
| PRESET             | mm/inch          | HOLD              |
| <b>SLEEP (SIS)</b> | <b>IP67</b>      |                   |
| Auto ON/OFF        | IP 67 (IEC60529) | Swiss electronics |
| <b>MDS APP</b>     |                  | <b>HID</b>        |
| WIRELESS MDS app   |                  | WIRELESS HID      |

## CUSTOM RANGE AND JAWS FOR REQUEST

| Item No                                   | Range   |         | Resolu-<br>tion | Jaws  |         | Accu-<br>racy | Preset | mm/inch | Auto on/off | WIRELESS |
|-------------------------------------------|---------|---------|-----------------|-------|---------|---------------|--------|---------|-------------|----------|
|                                           | mm      | inch    |                 | Depth | D point |               |        |         |             |          |
| INSIDE POINT DIGITAL CALIPER IP67         |         |         |                 |       |         |               |        |         |             |          |
| 141305143                                 | 42-542  | 1.7-22" | 0,01            | 150   | 1       | ±50           | •      | •       | •           |          |
| 141305153                                 | 75-575  | 3-23"   |                 | 300   | 3       |               | •      | •       | •           |          |
| 141310153                                 | 85-1000 | 4-44"   |                 |       |         | ±80           | •      | •       | •           |          |
| INSIDE POINT <b>WIRELESS</b> CALIPER IP67 |         |         |                 |       |         |               |        |         |             |          |
| 141305144                                 | 42-542  | 1.7-22" | 0,01            | 150   | 1       | ±50           | •      | •       | •           | •        |
| 141305154                                 | 75-575  | 3-23"   |                 | 300   | 3       |               | •      | •       | •           | •        |
| 141310154                                 | 85-1000 | 4-44"   |                 |       |         | ±80           | •      | •       | •           | •        |



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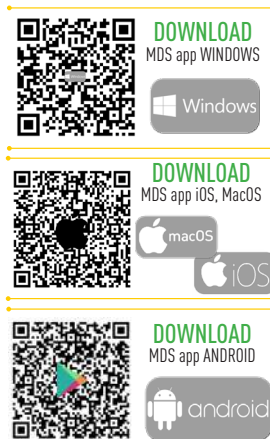
## DELIVERY SET



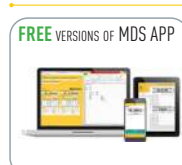
## OPTIONAL



- 
- WIRELESS HID  
USB HID
- DIRECT TO ANY APP & OS
- WIRELESS HUB CONNECTION
- WIRELESS TO IOS APP  
FREE VERSIONS
- Windows Android iOS
- INDICATOR FOR  
20 / PROBE/ANGLE

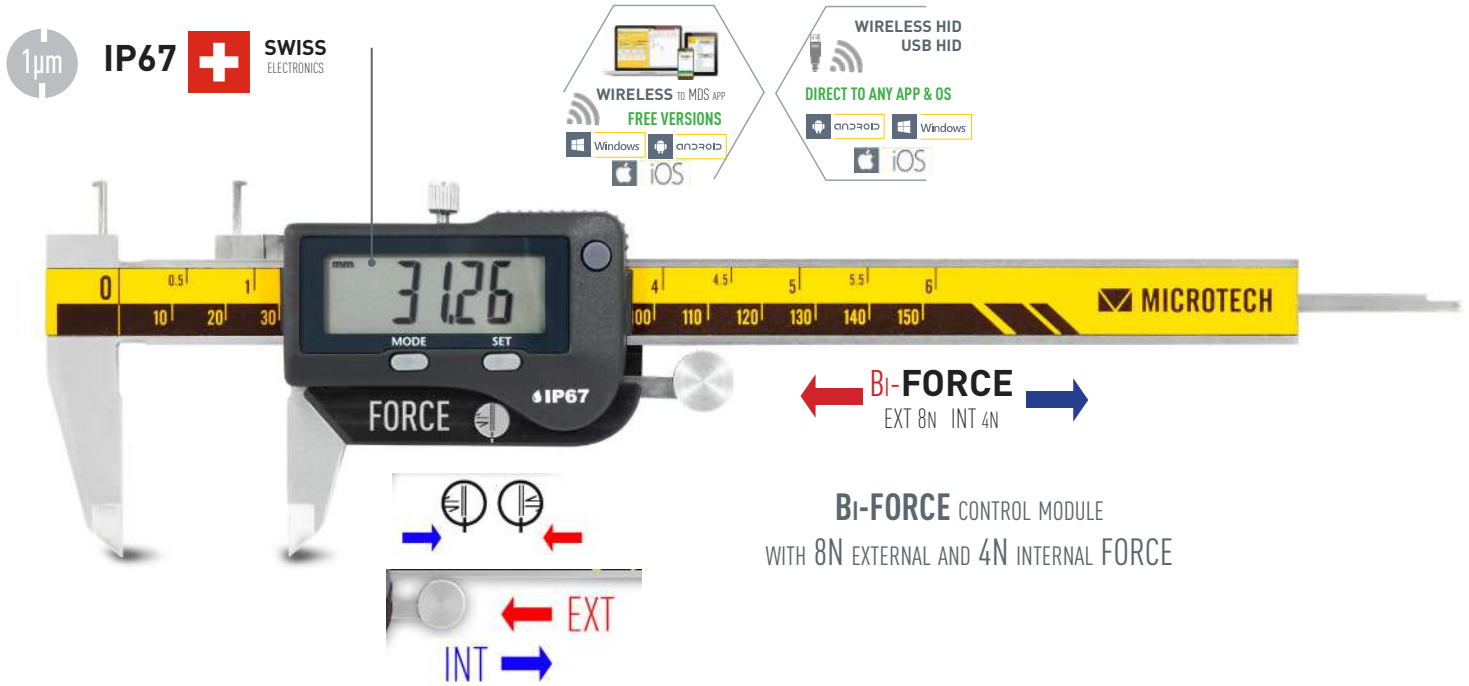
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## OPTIONAL

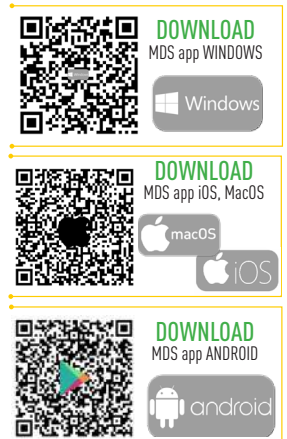
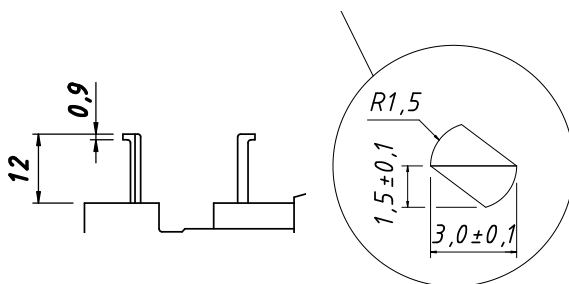




- **SwissMet** digital small grooves caliper
- Digital Waterproof **IP67** Swiss electronics with 0.01 or **0.001**mm resolution
- **Bi-Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- Modification with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No   | Range    |      |          |         | Reso-<br>lution | Bi-<br>force   | Accuracy | Protection | mm/inch | Preset | Auto on/off | HOLD | S_connect | WIRELESS |
|-----------|----------|------|----------|---------|-----------------|----------------|----------|------------|---------|--------|-------------|------|-----------|----------|
|           | External |      | Internal |         |                 |                |          |            |         |        |             |      |           |          |
|           | mm       | inch | mm       | inch    |                 |                | µm       |            |         |        |             |      |           |          |
| 141830156 |          |      |          |         | 0,001           | 8 ext<br>4 int | ±15      | IP67       | •       | •      | •           | •    | •         |          |
| 141830153 | 0-150    | 0-6" | 3-150    | 0,12-6" | 0,01            |                | ±20      |            | •       | •      | •           | •    | •         |          |
| 141830154 |          |      |          |         |                 |                | ±20      |            | •       | •      | •           |      |           | •        |



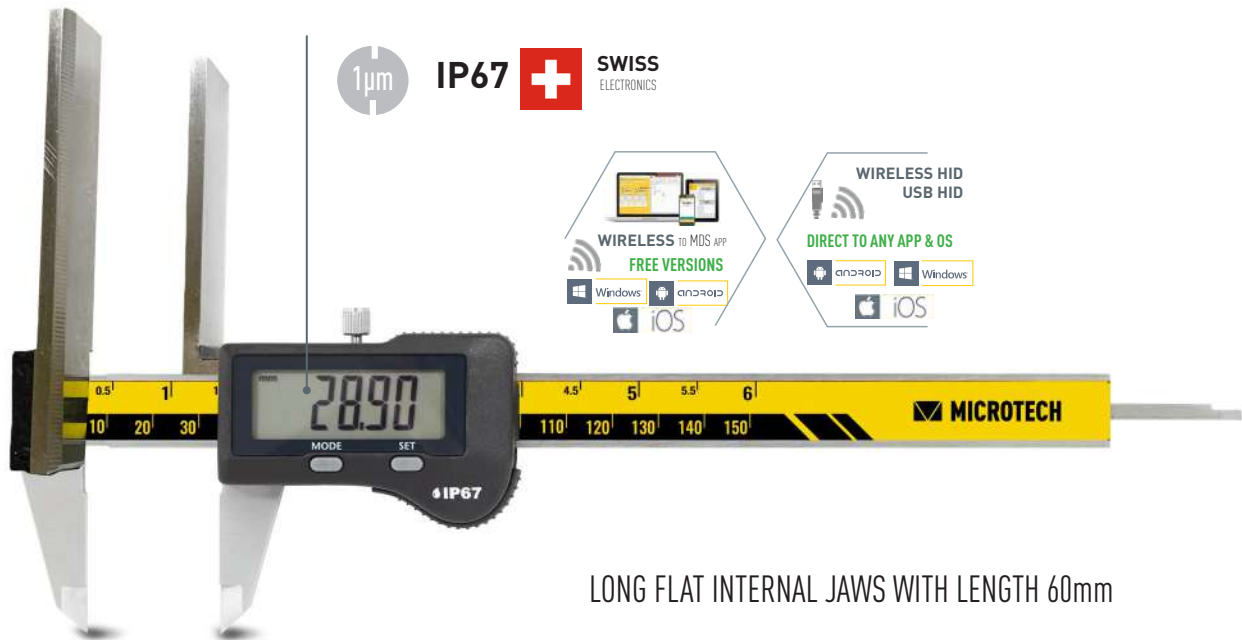
## DELIVERY SET



## OPTIONAL



- **SwissMet** digital Flat internal jaws caliper
- Digital Waterproof **IP67** Swiss electronics with 0.01 or 0.001mm resolution
- Modification with **Double Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- Modification with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))



LONG FLAT INTERNAL JAWS WITH LENGTH 60mm

| Item No   | Range |      | Resolution | Bi-force | Accuracy | Jaws     |          | Protection | mm/inch | Preset | Auto on/off | HOLD | S_connect | WIRELESS |
|-----------|-------|------|------------|----------|----------|----------|----------|------------|---------|--------|-------------|------|-----------|----------|
|           | mm    | inch |            |          |          | External | Internal |            |         |        |             |      |           |          |
| 141840156 | 0-150 | 0-6" | 0.001      | 8/4      | ±20      | 40       | 60       | IP67       |         |        |             |      |           |          |
| 141840153 |       |      | 0.01       | -        | ±30      |          |          |            |         |        |             |      |           |          |
| 141840154 |       |      |            |          | ±30      |          |          |            |         |        |             |      |           |          |

## SwissMet IP67 FUNCTIONS

**PrE** **Unit** **Hold**

PRESET

mm/inch

HOLD

**SLEEP (SIS)**

**IP67**



**SWISS ELECTRONICS**

Auto ON/OFF

IP 67 (IEC60529)

Swiss electronics

**MDS APP**



WIRELESS MDS app

**HID**



WIRELESS HID



CONNECTION possibilities



SwissMet interface



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## DELIVERY SET

FREE VERSIONS OF MDS APP



## OPTIONAL

**DATAMET BUTTON**



**DATAMET FOOTSWITCH**



**MDS DISPLAY UNIT**



**MDS SOFTWARE**





## SwissMet IP67 FUNCTIONS

| PrE                                                                                                  | Unit                                                                                             | I Hold                                                                                                         |
|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| PRESET                                                                                               | mm/inch                                                                                          | HOLD                                                                                                           |
| SLEEP (SIS)                                                                                          | <b>IP67</b>                                                                                      |  <b>SWISS ELECTRONICS</b> |
| Auto ON/OFF                                                                                          | IP 67 (IEC60529)                                                                                 | Swiss electronics                                                                                              |
| <b>MDS APP</b>  | <b>HID</b>  |                                                                                                                |
| WIRELESS MDS app                                                                                     | WIRELESS HID                                                                                     |                                                                                                                |

- **SwissMet** digital Long internal Jaw calipers (Internal jaw 41.5mm)
- Digital Waterproof **IP67** Swiss electronics with 0.01 or **0.001**mm resolution
- Modification with **Bi-Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- Modification with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

## LONG INTERNAL JAWS **SwissMet IP67** DIGITAL CALIPER

| Item No                                 | Range |       | Resolution | Accuracy | Jaws |      | Protection | mm/inch | Preset | HOLD | S_connect | WIRELESS |
|-----------------------------------------|-------|-------|------------|----------|------|------|------------|---------|--------|------|-----------|----------|
|                                         | mm    | inch  |            |          | mm   | µm   |            |         |        |      |           |          |
| LONG INTERNAL JAW DIGITAL CALIPER IP67  |       |       |            |          |      |      |            |         |        |      |           |          |
| 141130153                               | 0-150 | 0-6"  | 0,01       | ±30      | 40   | 41.5 | IP67       | •       | •      | •    | •         |          |
| 141130303                               | 0-300 | 0-12" |            | ±40      |      |      |            | •       | •      | •    | •         |          |
| LONG INTERNAL JAW WIRELESS CALIPER IP67 |       |       |            |          |      |      |            |         |        |      |           |          |
| 141130154                               | 0-150 | 0-6"  | 0,01       | ±30      | 40   | 41.5 | IP67       | •       | •      |      |           | •        |
| 141130304                               | 0-300 | 0-12" |            | ±40      |      |      |            | •       | •      |      |           |          |

## LONG INTERNAL JAWS **SwissMet IP67 WIRELESS MICRON FORCE** DIGITAL CALIPER

| Item No   | Range |       | Resolution   | Accuracy | Jaws     |          | Force | Protection | mm/inch | Preset | WIRELESS |
|-----------|-------|-------|--------------|----------|----------|----------|-------|------------|---------|--------|----------|
|           |       |       |              |          | External | Internal |       |            |         |        |          |
|           | mm    | inch  | mm           | µm       | mm       | mm       | N     |            |         |        |          |
| 141130155 | 0-150 | 0-6"  | <b>0,001</b> | ±15      | 40       | 41.5     | EXT 8 | IP67       | •       | •      | •        |
| 141130305 | 0-300 | 0-12" |              | ±20      |          |          | INT 4 |            |         |        |          |



## DELIVERY SET

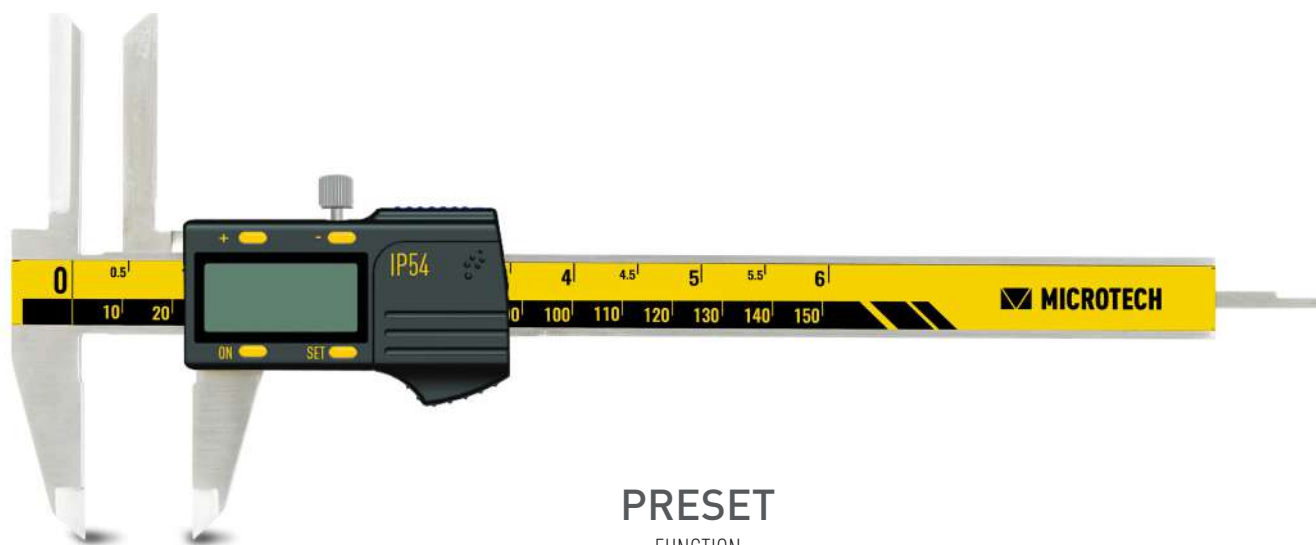


## OPTIONAL





- **CertiMet** Long jaw Internal caliper with PRESET function
- Digital indication system with 0.01 mm resolution
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No   | Range |       | Resolution | Accuracy | Jaws     |          | Protection | mm/inch | Preset | USB |
|-----------|-------|-------|------------|----------|----------|----------|------------|---------|--------|-----|
|           |       |       |            |          | External | Internal |            |         |        |     |
|           | mm    | inch  | mm         | μm       | mm       | mm       |            |         |        |     |
| 141130151 | 0-150 | 0-6"  | 0,01       | ±30      | 40       | 41.5     | IP54       | •       | •      | •   |
| 141130301 | 0-300 | 0-12" |            | ±40      |          |          |            |         |        |     |

## DELIVERY SET

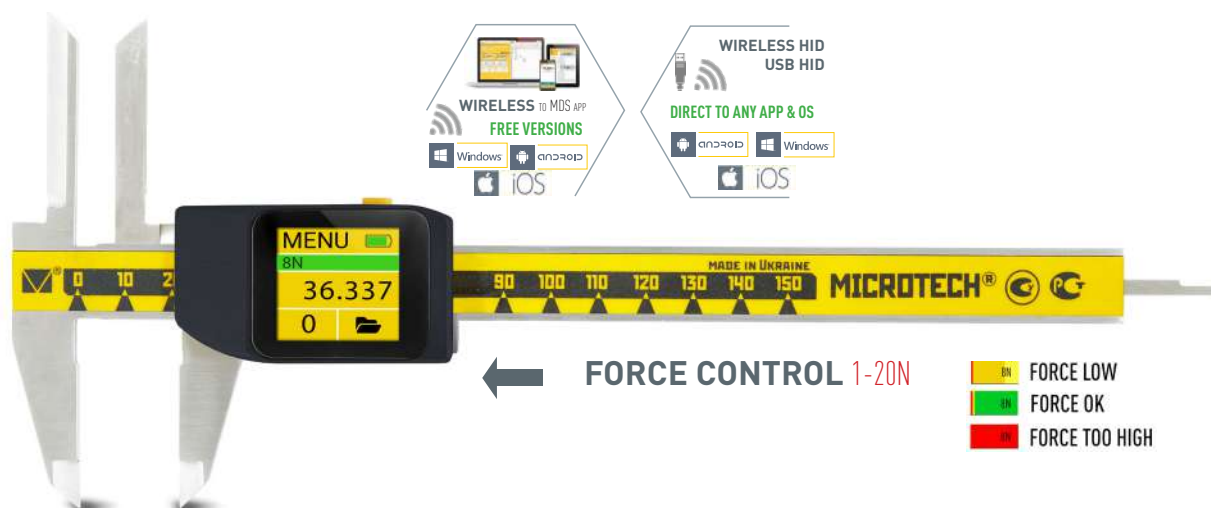


## OPTIONAL

**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE A  
KEYBOARD



- **DataMet** Long internal jaw (41.5mm) caliper
- Computerized **MICS** indication system with 0.005 resolution
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- OPTIONAL **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No   | Range |       | Resolution | Accuracy | Jaws     |          | Protection | mm/inch | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | USB | WIRELESS |
|-----------|-------|-------|------------|----------|----------|----------|------------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|-----|----------|
|           | mm    | inch  |            |          | External | Internal |            |         |        |         |         |         |       |           |             |             |          |        |     |          |
| 141130157 | 0-150 | 0-6"  | 0.005      | ±20      | 40       | 41.5     | IP54       | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •   | •        |
| 141130307 | 0-300 | 0-12" |            | ±30      |          |          |            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •   | •        |



DataMet  
interface



CONNECTION  
possibilities



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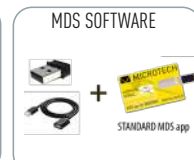
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## DELIVERY SET

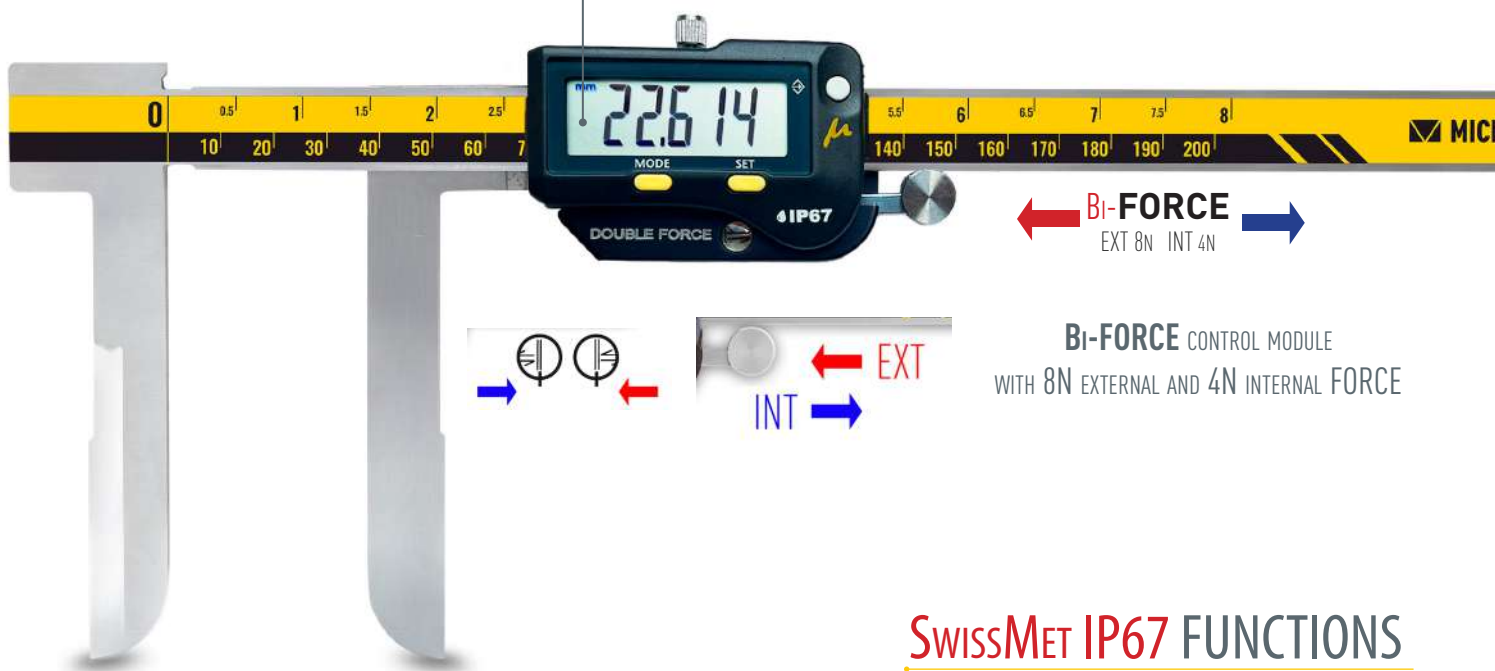


## OPTIONAL

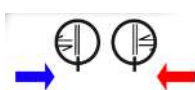




1  $\mu$ m IP67  SWISS  
ELECTRONICS



**Bi-FORCE**  
EXT 8N INT 4N



**Bi-FORCE** CONTROL MODULE  
WITH 8N EXTERNAL AND 4N INTERNAL FORCE

## SwissMET IP67 FUNCTIONS

|                                    |                                                                                       |                                                                                                                   |
|------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>PrE</b><br>PRESET               | <b>Unit</b><br>mm/inch                                                                | <b>Hold</b><br>HOLD                                                                                               |
| <b>SLEEP (SIS)</b><br>Auto ON/OFF  | <b>IP67</b><br>IP 67 (IEC60529)                                                       |  <b>SWISS</b><br>ELECTRONICS |
| <b>MDS APP</b><br>WIRELESS MDS app |  | <b>HID</b> <br>WIRELESS HID  |

- **SwissMet** digital Knife edge inside caliper with jaw length 100 or 150 mm
- Digital Waterproof **IP67** Swiss electronics with 0.01 or 0.001mm resolution
- Modification with **Bi-Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- Modification with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

## KNIFE EDGE INSIDE **SwissMet IP67** DIGITAL CALIPER

| Item No                                 | Range  |         | Resolution | Accuracy | Depth | Protection | Preset | mm/inch | HOLD | S connect | WIRELESS |
|-----------------------------------------|--------|---------|------------|----------|-------|------------|--------|---------|------|-----------|----------|
|                                         | mm     | inch    | mm         | µm       | mm    |            |        |         |      |           |          |
| KNIFE EDGE INSIDE DIGITAL CALIPER IP67  |        |         |            |          |       |            |        |         |      |           |          |
| 141210203                               | 22-200 | 0.8-8"  | 0,01       | ±30      | 100   | IP67       | •      | •       | •    | •         |          |
| 141210303                               | 22-300 | 0.8-12" |            | ±40      | 150   |            | •      | •       | •    | •         |          |
| KNIFE EDGE INSIDE WIRELESS CALIPER IP67 |        |         |            |          |       |            |        |         |      |           |          |
| 141210204                               | 22-200 | 0.8-8"  | 0,01       | ±30      | 100   | IP67       | •      | •       |      |           | •        |
| 141210304                               | 22-300 | 0.8-12" |            | ±40      | 150   |            | •      | •       |      |           |          |

## KNIFE EDGE INSIDE **WIRELESS SwissMet IP67** MICRON FORCE DIGITAL CALIPER

| Item No   | Range  |         | Resolution | Accuracy | Depth | Force | Protection | Preset | mm/inch | WIRELESS |
|-----------|--------|---------|------------|----------|-------|-------|------------|--------|---------|----------|
|           | mm     | inch    | mm         | µm       | mm    | N     |            |        |         |          |
| 141210205 | 22-200 | 0.8-8"  | 0,001      | ±30      | 100   | EXT 8 | IP67       | •      | •       | •        |
| 141210305 | 22-300 | 0.8-12" |            | ±30      | 150   | INT 4 |            | •      | •       | •        |



### DELIVERY SET



### OPTIONAL





- **CertiMet** Knife edge digital inside caliper
- Digital indication system with 0.01 mm resolution
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No   | Range  |         | Resolution | Accuracy | Depth | Protection | USB |
|-----------|--------|---------|------------|----------|-------|------------|-----|
|           | mm     | inch    | mm         | μm       | mm    |            |     |
| 141210200 | 22-200 | 0.8-8"  | 0,01       | ±30      | 100   | IP54       | •   |
| 141210300 | 22-300 | 0.8-12" |            | ±50      | 150   |            | •   |

## DELIVERY SET



## OPTIONAL

**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE A  
KEYBOARD



- **DataMet** Knife edge inside caliper
- Computerized **MICS** indication system with 0.005 mm resolution
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- OPTIONAL **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No   | Range  |         | Resolution | Accuracy | Depth | Protection | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory | WIRELESS | USB |
|-----------|--------|---------|------------|----------|-------|------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------|----------|-----|
|           | mm     | inch    | mm         | μm       | mm    |            |        |         |         |         |       |           |             |             |           |          |        |          |     |
| 141210207 | 22-200 | 0.8-8"  | 0.005      | ±20      | 100   | IP54       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |
| 141210307 | 22-300 | 0.8-12" |            | ±40      | 150   |            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |



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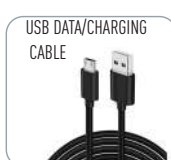
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## DELIVERY SET



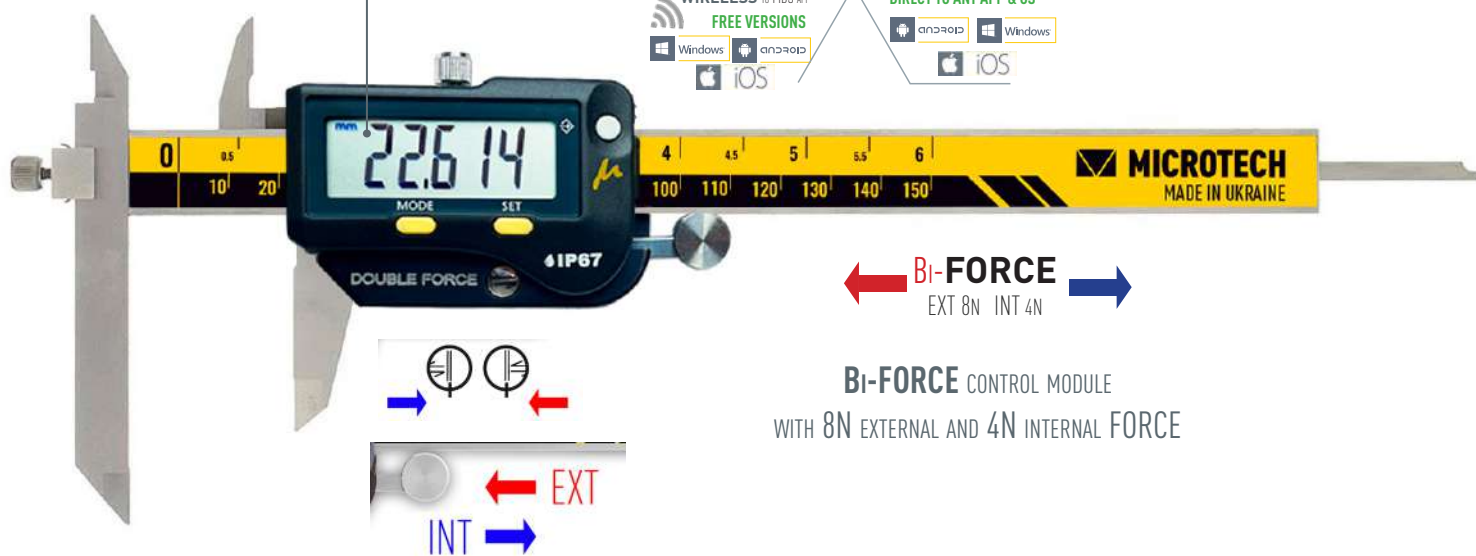
## OPTIONAL



**IP67**  **SWISS**  
ELECTRONICS



 **IP67**  **SWISS**  
ELECTRONICS



## SwissMet IP67 FUNCTIONS

**PrE** **Unit** **Hold**

PRESET

mm/inch

HOLD

**SLEEP (SIS)**

**IP67**

 **SWISS**  
ELECTRONICS

Auto ON/OFF

IP 67 (IEC60529)

Swiss electronics

**MDS APP** 

WIRELESS MDS app

**HID** 

WIRELESS HID

- **SwissMet** digital OFFSET caliper for measure hard to get dimensions
- Digital Waterproof **IP67** Swiss electronics with 0.01 or **0.001** mm resolution
- Modification with **Bi-Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- Modification with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

## OFFSET **SwissMet IP67** DIGITAL CALIPER

| Item No                      | Range | Jaws  |     | Reso-<br>lution | Accu-<br>racy | Force | Protection | Preset | mm/inch | HOLD | S. connect | WIRELESS |
|------------------------------|-------|-------|-----|-----------------|---------------|-------|------------|--------|---------|------|------------|----------|
|                              |       | slide | fix |                 |               |       |            |        |         |      |            |          |
|                              | mm    | mm    | mm  | mm              | µm            | N     |            |        |         |      |            |          |
| OFFSET DIGITAL CALIPER IP67  |       |       |     |                 |               |       |            |        |         |      |            |          |
| 141740153                    | 0-150 | 110   | 40  | 0,01            | ±30           |       | IP67       | •      | •       | •    | •          |          |
| 141740303                    | 0-300 | 130   | 60  |                 | ±40           |       |            | •      | •       | •    | •          |          |
| OFFSET WIRELESS CALIPER IP67 |       |       |     |                 |               |       |            |        |         |      |            |          |
| 141740154                    | 0-150 | 110   | 40  | 0,01            | ±30           |       | IP67       | •      | •       |      |            | •        |
| 141740304                    | 0-300 | 130   | 60  |                 | ±40           |       |            | •      | •       |      |            | •        |

## OFFSET **WIRELESS** **SwissMet IP67** MICRON FORCE DIGITAL CALIPER

| Item No   | Range | Jaws  |     | Resolution | Accuracy | Force | Protection | Preset | mm/inch | WIRELESS |
|-----------|-------|-------|-----|------------|----------|-------|------------|--------|---------|----------|
|           |       | slide | fix |            |          |       |            |        |         |          |
|           | mm    | mm    | mm  | mm         | µm       | N     |            |        |         |          |
| 141740155 | 0-150 | 110   | 40  | 0,001      | ±15      | EXT 8 | IP67       | •      | •       | •        |
| 141740305 | 0-300 | 130   | 60  |            | ±20      | INT 4 |            | •      | •       | •        |



## DELIVERY SET



## OPTIONAL





- **CertiMet** Offset digital caliper
- Digital indication system with 0.01 mm resolution
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No   | Range | Jaws  |     | Resolution | Accuracy | Protection | USB |
|-----------|-------|-------|-----|------------|----------|------------|-----|
|           |       | slide | fix |            |          |            |     |
|           |       | mm    | mm  |            | μm       |            |     |
| 141740150 | 0-150 | 110   | 40  | 0,01       | ±30      | IP54       | •   |
| 141740300 | 0-300 | 130   | 60  |            | ±40      |            | •   |

## DELIVERY SET

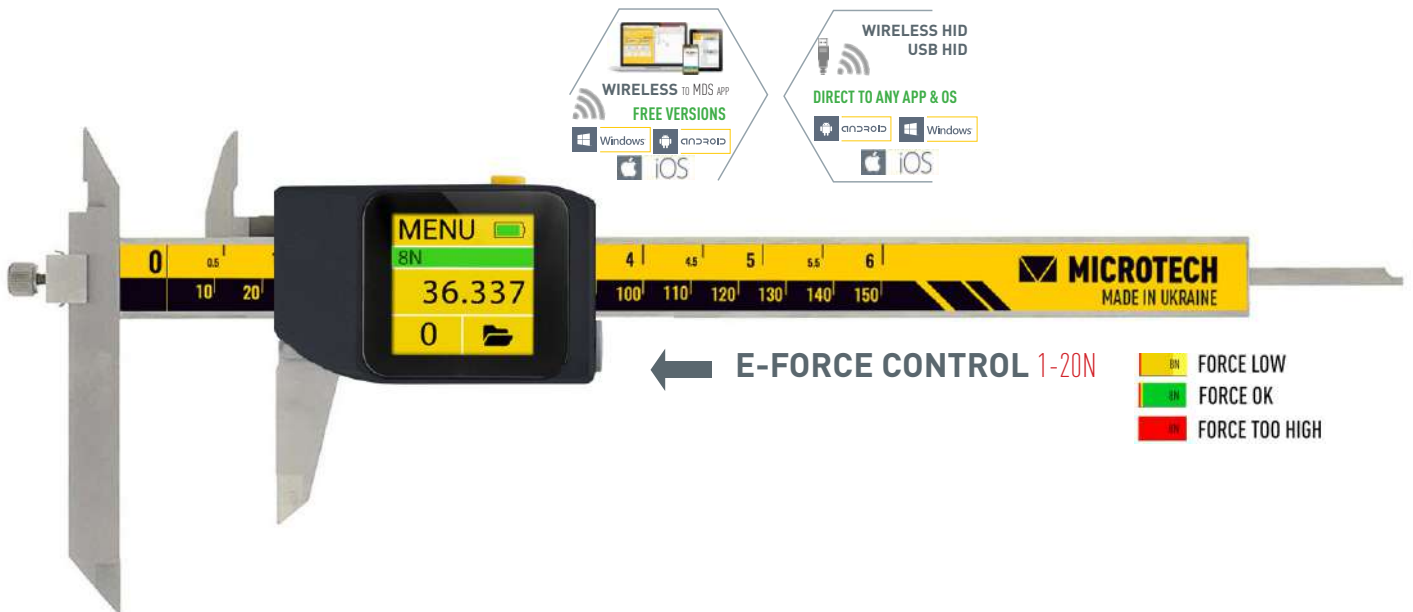


## OPTIONAL

**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE A  
KEYBOARD



- **DataMet** Offset caliper
- Computerized **MICS** indication system with 0.005 resolution
- E-Force control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- OPTIONAL **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))



| Item No   | Range | Jaws  |     | Resolution | Accuracy | Force | Protection | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory | WIRELESS | USB |
|-----------|-------|-------|-----|------------|----------|-------|------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------|----------|-----|
|           |       | slide | fix |            |          |       |            |        |         |         |         |       |           |             |             |           |          |        |          |     |
| 141740157 | 0-150 | 110   | 40  | 0,005      | ±20      | 1-20  | IP54       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |
| 141740307 | 0-300 | 130   | 60  | 0,005      | ±30      | 1-20  | IP54       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |



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## DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE

## OPTIONAL

DataMet BUTTON

DataMet FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

**IP67**  **SWISS ELECTRONICS**



**1μm** **IP67**  **SWISS ELECTRONICS**



## SwissMet IP67 FUNCTIONS

**PrE** **Unit** **Hold**

PRESET

mm/inch

HOLD

**SLEEP (SIS)**

**IP67**



**SWISS ELECTRONICS**

Auto ON/OFF

IP 67 (IEC60529)

Swiss electronics

**MDS APP**



WIRELESS MDS app

**HID**



WIRELESS HID

ANVIL D=10MM

ANVIL D=20MM

ANVIL D=35MM

**CUSTOM RANGE AND ANVILS FOR REQUEST**

- **SwissMet** digital OFFSET CENTERLINE caliper for hole center distance measurements
- Digital Waterproof **IP67** Swiss electronics with 0.01 or 0.001mm resolution
- Modification with **Bi-Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- Modification with **3 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Calibration certificate included (ISO17025 (Ilac MRA))

## OFFSET CENTERLINE **SwissMet IP67** DIGITAL CALIPER

| Item No                                 | Range   |           | Reso-<br>lution | Accu-<br>racy | Anvil D  |        | Protection | Preset | mm/inch | Auto on/off | HOLD | S connect | WIRELESS |
|-----------------------------------------|---------|-----------|-----------------|---------------|----------|--------|------------|--------|---------|-------------|------|-----------|----------|
|                                         |         |           |                 |               | standard | option |            |        |         |             |      |           |          |
|                                         | mm      | inch      |                 |               | mm       | µm     |            |        |         |             |      |           |          |
| OFFSET CENTERLINE DIGITAL CALIPER IP67  |         |           |                 |               |          |        |            |        |         |             |      |           |          |
| 141730153                               | 10-160  | 0.4-6.4"  | 0,01            | ±30           | 10       | 20, 35 | IP67       | •      | •       | •           | •    | •         |          |
| 141730203                               | 10-210  | 0.4-8.4"  |                 |               |          |        |            | •      | •       | •           | •    | •         |          |
| 141730303                               | 10-310  | 0.4-12.4" |                 |               |          |        |            | •      | •       | •           | •    | •         |          |
| 141730513                               | 20-520  | 0.8-20.4" |                 |               |          |        |            | •      | •       | •           | •    | •         |          |
| 141731013                               | 20-1020 | 0.8-40.4" |                 | ±40           | 20       | 35, 50 |            | •      | •       | •           | •    | •         |          |
| 141731513                               | 20-1520 | 0.8-40.4" |                 |               |          |        |            | •      | •       | •           | •    | •         |          |
| 141732013                               | 20-2020 | 0.8-60.4" |                 |               |          |        |            | •      | •       | •           | •    | •         |          |
| 141733013                               | 20-3020 | 0.8-80.4" |                 |               |          |        |            | •      | •       | •           | •    | •         |          |
| OFFSET CENTERLINE WIRELESS CALIPER IP67 |         |           |                 |               |          |        |            |        |         |             |      |           |          |
| 141730154                               | 10-160  | 0.4-6.4"  | 0,01            | ±30           | 10       | 20, 35 | IP67       | •      | •       | •           |      |           | •        |
| 141730204                               | 10-210  | 0.4-8.4"  |                 |               |          |        |            | •      | •       | •           |      |           | •        |
| 141730304                               | 10-310  | 0.4-12.4" |                 |               |          |        |            | •      | •       | •           |      |           | •        |
| 141730514                               | 20-520  | 0.8-20.4" |                 |               |          |        |            | •      | •       | •           |      |           | •        |
| 141731014                               | 20-1020 | 0.8-40.4" |                 | ±40           | 20       | 35, 50 |            | •      | •       | •           |      |           | •        |
| 141731514                               | 20-1520 | 0.8-40.4" |                 |               |          |        |            | •      | •       | •           |      |           | •        |
| 141732014                               | 20-2020 | 0.8-60.4" |                 |               |          |        |            | •      | •       | •           |      |           | •        |
| 141733014                               | 20-3020 | 0.8-80.4" |                 |               |          |        |            | •      | •       | •           |      |           |          |



SwissMet  
interface



CONNECTION  
possibilities

## OFFSET CENTERLINE **WIRELESS MICRON FORCE** **SwissMet IP67** DIGITAL CALIPER

| Item No   | Range   |           | Reso-<br>lution | Accu-<br>racy | Anvil D  |        | Force  | Protection | Preset | mm/inch | Auto on/off | WIRELESS |
|-----------|---------|-----------|-----------------|---------------|----------|--------|--------|------------|--------|---------|-------------|----------|
|           |         |           |                 |               | standard | option |        |            |        |         |             |          |
|           | mm      | inch      |                 |               | mm       | µm     | mm     |            |        |         |             |          |
| 141730155 | 10-160  | 0.4-6.4"  | 0,001           | ±20           | 10       | 20, 35 | EXT 8  | IP67       | ●      | ●       | ●           | ●        |
| 141730205 | 10-210  | 0.4-8.4"  |                 |               |          |        | INT 4  |            | ●      | ●       | ●           | ●        |
| 141730305 | 10-310  | 0.4-12.4" |                 |               | 20       | 35, 50 | EXT 12 |            | ●      | ●       | ●           | ●        |
| 141730515 | 20-520  | 0.8-20.4" |                 | ●             |          |        |        |            | ●      | ●       | ●           |          |
| 141731015 | 20-1020 | 0.8-40.4" |                 | ●             |          |        |        |            | ●      | ●       | ●           |          |



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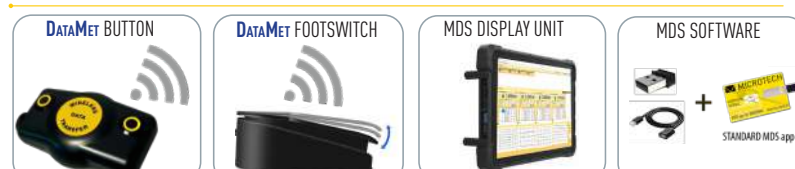


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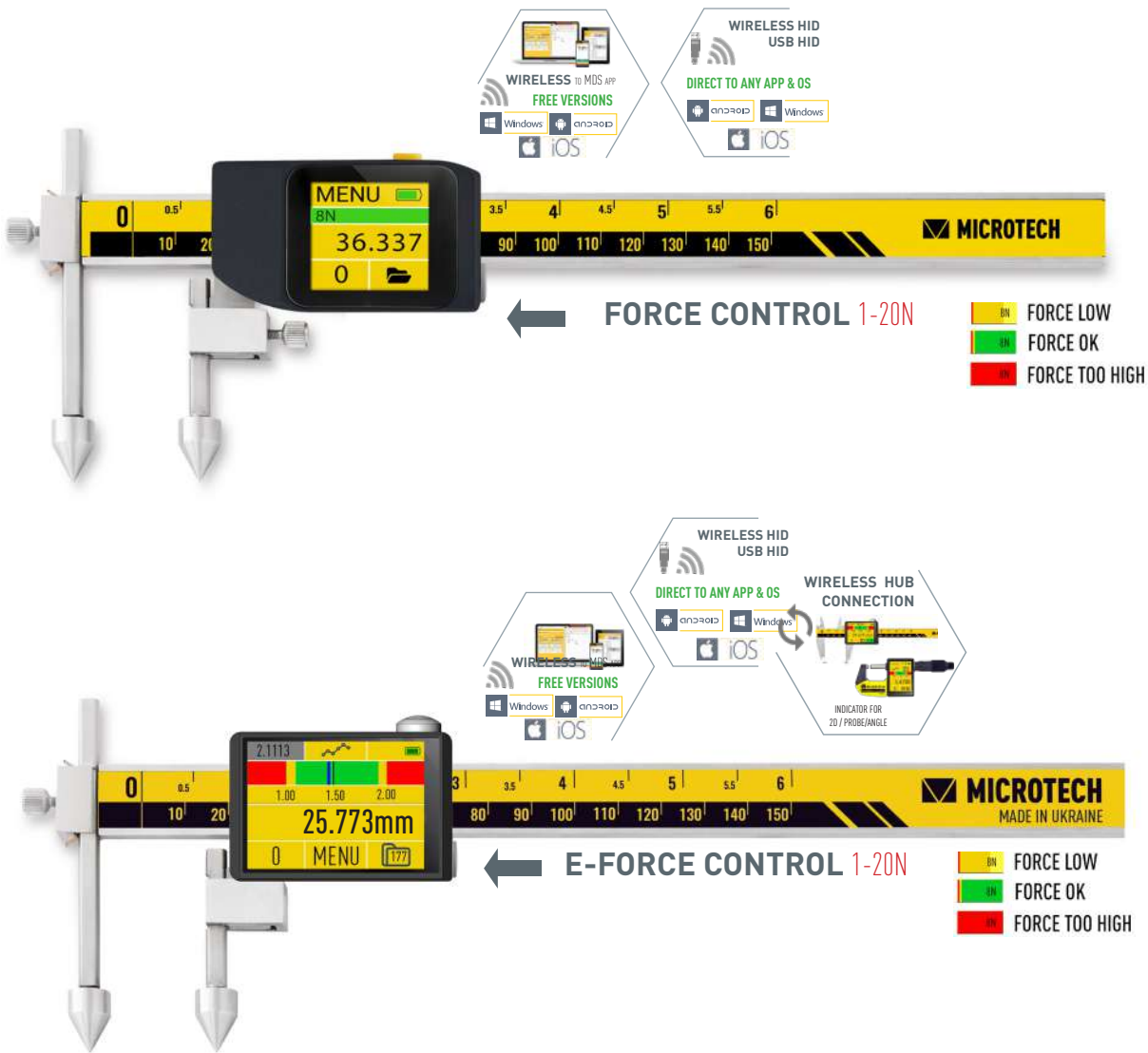
## DELIVERY SET



## OPTIONAL







**CUSTOM RANGE AND ANVILS FOR REQUEST**

## DATAmet FUNCTIONS



- **DataMet** Offset centerline caliper for hole center distance measurings
- Computerized **MICS** indication system with 0,005, 0.01 or 0,001mm resolution **SWISS made reading system**
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**, **USB HID**
- **OPTIONAL MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))

| Item No                          | Range   |           | Reso-<br>lution | Accu-<br>racy | Anvil D  |        | Force | Protection | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory             | WIRELESS         | USB      | MODBUS RTU |   |   |   |   |
|----------------------------------|---------|-----------|-----------------|---------------|----------|--------|-------|------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------------------|------------------|----------|------------|---|---|---|---|
|                                  |         |           |                 |               | standard | option |       |            |        |         |         |         |       |           |             |             |           |          |                    |                  |          |            |   |   |   |   |
|                                  | mm      | inch      | mm              | µm            | mm       | mm     | N     |            |        |         |         |         |       |           |             |             |           |          |                    |                  |          |            |   |   |   |   |
| 141730157                        | 10-160  | 0.4-6.4"  | 0,005           | ±20           | 10       | 20, 35 | 1-20  | IP54       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | Folders / 2000 val | Long range / HID | •        | •          |   |   |   |   |
| 141730207                        | 10-210  | 0.4-8.4"  |                 | ±25           |          |        |       |            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  | •        | •          | • |   |   |   |
| 141270307                        | 10-310  | 0.4-12.4" |                 | ±30           |          |        |       |            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  | •        | •          | • |   |   |   |
| 141730517                        | 20-520  | 0.8-20.4" | 0,01            | ±40           | 20       | 35, 50 |       |            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  | •        | •          | • | • |   |   |
| 141731017                        | 20-1020 | 0.8-40.4" |                 | ±50           |          |        |       |            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  | •        | •          | • | • | • |   |
| 141731517                        | 20-1520 | 0.8-40.4" |                 | ±60           |          |        |       |            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  | •        | •          | • | • | • |   |
| 141732017                        | 20-2020 | 0.8-60.4" |                 | ±70           |          |        |       |            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  | •        | •          | • | • | • |   |
| 141733017                        | 20-3020 | 0.8-80.4" |                 |               |          |        |       |            |        |         |         |         |       |           |             |             |           |          |                    |                  |          |            |   |   |   |   |
| MICRON OFFSET CENTERLINE CALIPER |         |           |                 |               |          |        |       |            |        |         |         |         |       |           |             |             |           |          |                    |                  |          |            |   |   |   |   |
| 141730158                        | 10-160  | 0.4-6.4"  | 0,001           | ±15           | 10       | 20, 35 | 1-20  | IP54       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | Folders / 2000 val | Long range / HID | optional |            |   |   |   |   |
| 141730208                        | 10-210  | 0.4-8.4"  |                 | ±20           |          |        |       |            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |          |            | • | • | • |   |
| 141270308                        | 10-310  | 0.4-12.4" |                 | ±20           |          |        |       |            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |          |            | • | • | • |   |
| 141730518                        | 20-520  | 0.8-20.4" |                 | 20            | 35, 50   |        |       |            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |          |            | • | • | • |   |
| 141731018                        | 20-1020 | 0.8-40.4" |                 |               |          |        |       |            | ±30    | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |          |            | • | • | • | • |



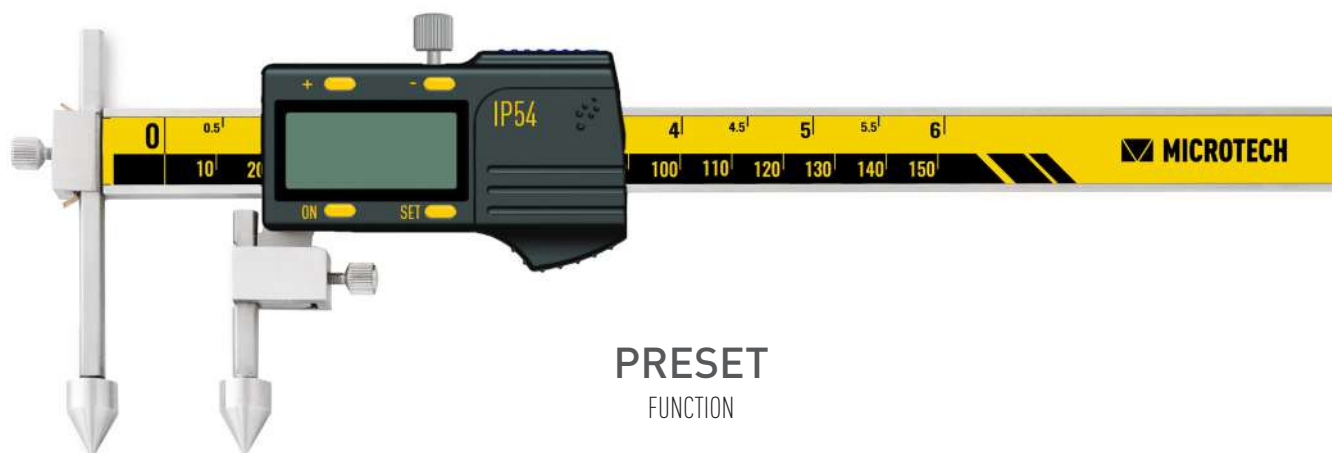
## DELIVERY SET



## OPTIONAL



- **CertiMet** Offset centerline digital caliper
- Digital indication system with 0.01 mm resolution
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



**PRESET**  
FUNCTION

| Item No   | Range  |           | Resolution | Accuracy | Anvil D  |        | Protection | Preset | USB |
|-----------|--------|-----------|------------|----------|----------|--------|------------|--------|-----|
|           |        |           |            |          | standard | option |            |        |     |
|           | mm     | inch      | mm         | μm       | mm       | mm     |            |        |     |
| 141730151 | 10-160 | 0.4-6.4"  | 0,01       | ±30      | 10       | 20, 35 | IP54       | •      | •   |
| 141730201 | 10-210 | 0.4-8.4"  |            |          |          |        |            | •      | •   |
| 141730301 | 10-310 | 0.4-12.4" |            |          |          |        |            | •      | •   |

## DELIVERY SET

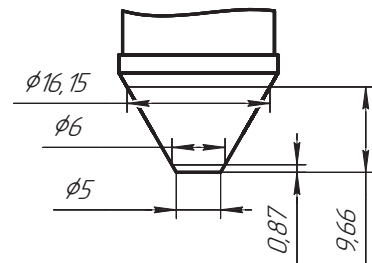
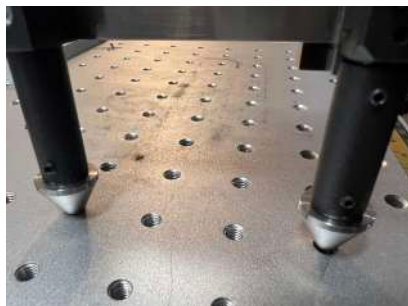


## OPTIONAL

**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE A  
KEYBOARD



- OFFSET corner caliper
- IP67 SWISS electronics with PRESET function
- MODIFICATION with **WIRELESS** data transfer **3 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Calibration certificate included (ISO17025 (Ilac MRA))



| Item No   | Range  | Jaws  |     | Resolution | Accuracy             | Protection | Preset | WIRELESS |
|-----------|--------|-------|-----|------------|----------------------|------------|--------|----------|
|           |        | slide | fix |            |                      |            |        |          |
| 141743554 | 0-500  | mm    | mm  | mm         | $\mu\text{m}$        |            | •      | •        |
| 141743954 | 0-1000 | 110   | 40  | 0,01       | $\pm 30$<br>$\pm 40$ | IP67       | •      | •        |



## DELIVERY SET



## OPTIONAL

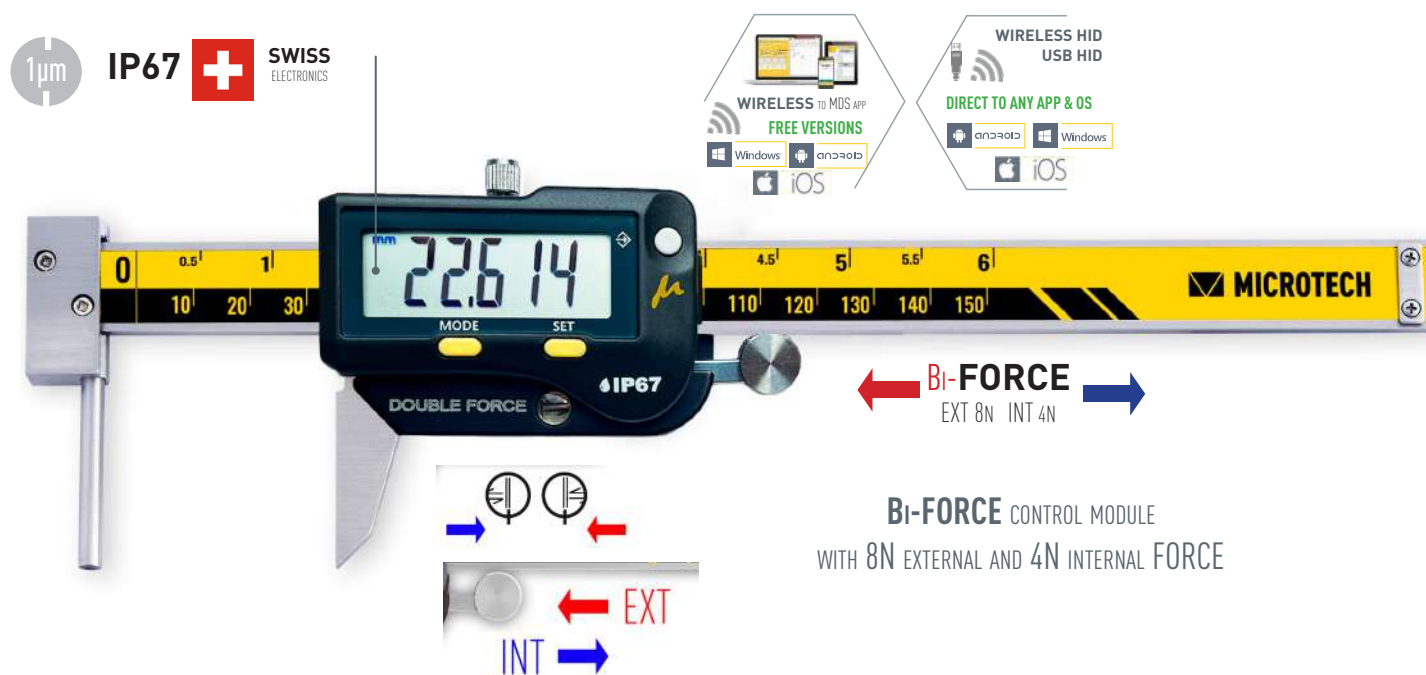




**IP67**  **SWISS**  
ELECTRONICS



**1μm** **IP67**  **SWISS**  
ELECTRONICS



## SWISSMET IP67 FUNCTIONS

**PrE** **Unit** **Hold**

PRESET

mm/inch

HOLD

**SLEEP (SIS)**

**IP67**

 **SWISS**  
ELECTRONICS

Auto ON/OFF

IP 67 (IEC60529)

Swiss electronics

**MDS APP**

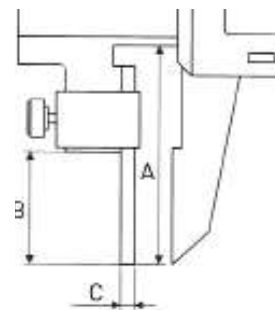
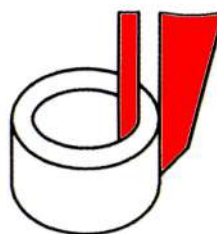


WIRELESS MDS app

**HID**



WIRELESS HID



| Range | A  | B  | C  |
|-------|----|----|----|
| mm    | mm | mm | mm |
| 0-150 | 46 | 30 | 4  |
| 0-200 | 50 | 40 | 4  |
| 0-300 | 50 | 40 | 4  |

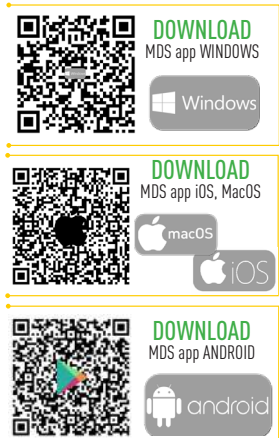
- **SwissMet** digital TUBE caliper for wall depth measurements
- Digital Waterproof **IP67** Swiss electronics with 0.01 or **0.001**mm resolution
- Modification with **Bi-Force** control module with 8N external and 4N internal FORCE (**Patents** US10429165, UA146381)
- Modification with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

## TUBE **SwissMet IP67** DIGITAL CALIPER

| Item No                           | Range |       | Reso-<br>lution | Accu-<br>racy | Anvil<br>D | Force | Protection | Preset | mm/inch | HOLD | S_connect | WIRELESS |
|-----------------------------------|-------|-------|-----------------|---------------|------------|-------|------------|--------|---------|------|-----------|----------|
|                                   | mm    | inch  | mm              | µm            | mm         | N     |            |        |         |      |           |          |
| <b>TUBE DIGITAL CALIPER IP67</b>  |       |       |                 |               |            |       |            |        |         |      |           |          |
| 141230153                         | 0-150 | 0-6"  |                 | ±30           |            | 8/4   |            |        | •       | •    | •         | •        |
| 141230203                         | 0-200 | 0-8"  | 0,01            | ±30           | 4          |       | IP67       |        | •       | •    | •         | •        |
| 141230303                         | 0-300 | 0-12" |                 | ±30           |            |       |            |        | •       | •    | •         | •        |
| <b>TUBE WIRELESS CALIPER IP67</b> |       |       |                 |               |            |       |            |        |         |      |           |          |
| 141230154                         | 0-150 | 0-6"  |                 | ±30           |            |       |            |        | •       | •    |           | •        |
| 141230204                         | 0-200 | 0-8"  | 0,01            | ±30           | 4          | -     | IP67       |        | •       | •    |           | •        |
| 141230304                         | 0-300 | 0-12" |                 | ±30           |            |       |            |        | •       | •    |           | •        |

## TUBE **SwissMet MICRON FORCE IP67** DIGITAL CALIPER

| Item No                                        | Range |       | Reso-<br>lution | Accu-<br>racy | Anvil<br>D | Force | Protection | Preset | mm/inch | HOLD | S_connect | WIRELESS |
|------------------------------------------------|-------|-------|-----------------|---------------|------------|-------|------------|--------|---------|------|-----------|----------|
|                                                | mm    | inch  | mm              | µm            | mm         | N     |            |        |         |      |           |          |
| <b>TUBE FORCE DIGITAL CALIPER IP67</b>         |       |       |                 |               |            |       |            |        |         |      |           |          |
| 141230156                                      | 0-150 | 0-6"  |                 | ±15           |            |       |            |        | •       | •    | •         | •        |
| 141230206                                      | 0-200 | 0-8"  | <b>0,001</b>    | ±15           | 4          | 8/4   | IP67       |        | •       | •    | •         | •        |
| 141230306                                      | 0-300 | 0-12" |                 | ±20           |            |       |            |        | •       | •    | •         | •        |
| <b>TUBE FORCE WIRELESS MICRON CALIPER IP67</b> |       |       |                 |               |            |       |            |        |         |      |           |          |
| 141230155                                      | 0-150 | 0-6"  |                 | ±15           |            |       |            |        | •       | •    |           | •        |
| 141230205                                      | 0-200 | 0-8"  | <b>0,001</b>    | ±15           | 4          | 8/4   | IP67       |        | •       | •    |           | •        |
| 141230305                                      | 0-300 | 0-12" |                 | ±20           |            |       |            |        | •       | •    |           | •        |



## DELIVERY SET



## OPTIONAL



- **CertiMet** Tube digital caliper
- Digital indication system with 0.01 mm resolution
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No   | Range |       | Reso-<br>lution | Accu-<br>racy | Anvil<br>D | Force | Protection | USB |
|-----------|-------|-------|-----------------|---------------|------------|-------|------------|-----|
|           | mm    | inch  | mm              | μm            | mm         | N     |            |     |
| 141230150 | 0-150 | 0-6"  | 0,01            | ±30           | 4          | -     | IP54       | •   |
| 141230200 | 0-200 | 0-8"  |                 | ±30           |            |       |            | •   |
| 141230300 | 0-300 | 0-12" |                 | ±30           |            |       |            | •   |

## DELIVERY SET

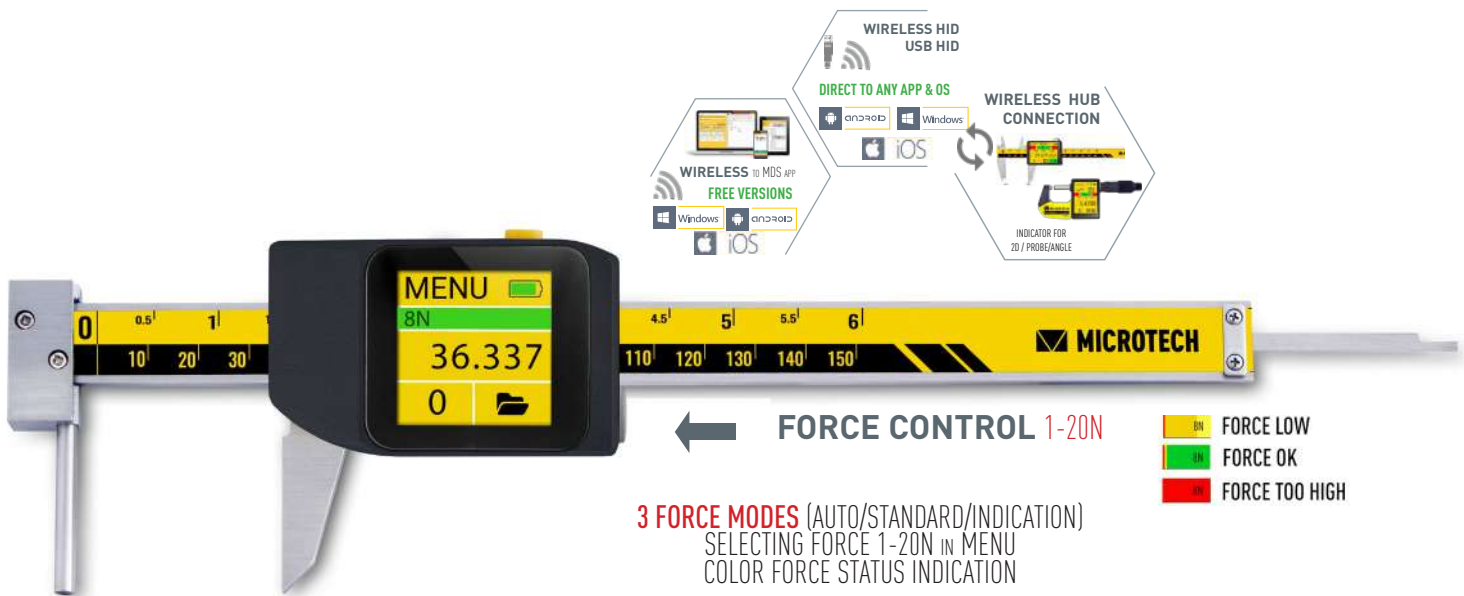


## OPTIONAL

**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE A  
KEYBOARD



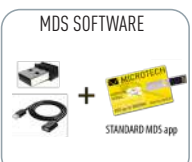
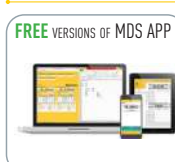
- **DataMet** Tube caliper
- Computerized **MICS** indication system with 0,005 or 0,001mm resolution **SWISS made reading system**
- E-Force control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager**: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- OPTIONAL **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))



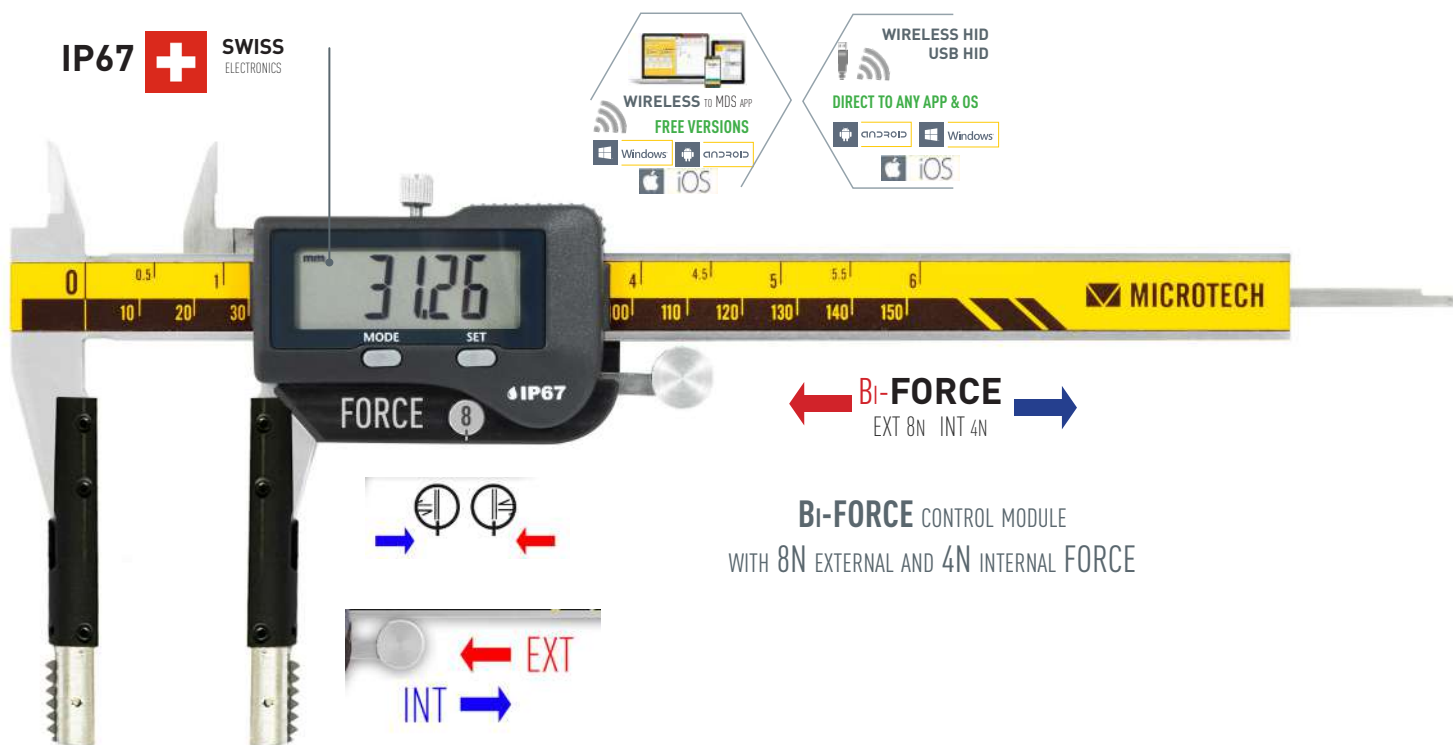
| Item No                               | Range |       | Reso-<br>lution | Accu-<br>racy | Anvil<br>D | Force | Protection | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS                               | USB | MODBUS RTU |
|---------------------------------------|-------|-------|-----------------|---------------|------------|-------|------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------------------------------------|-----|------------|
|                                       | mm    | inch  | mm              | µm            | mm         | N     |            |        |         |         |         |       |           |             |             |          |        |                                        |     |            |
| 141230157                             | 0-150 | 0-6"  |                 | ±20           |            |       |            |        |         |         |         |       |           |             |             |          |        |                                        |     |            |
| 141230207                             | 0-200 | 0-8"  | 0,005           | ±25           | 4          | 1-20  | IP54       |        |         |         |         |       |           |             |             |          |        |                                        |     |            |
| 141230307                             | 0-300 | 0-12" |                 | ±25           |            |       |            |        |         |         |         |       |           |             |             |          |        |                                        |     |            |
| MICRON TUBE COMPUTERIZED CALIPER IP54 |       |       |                 |               |            |       |            |        |         |         |         |       |           |             |             |          |        | Folders / 2000 val<br>Long range / HID |     | option     |
| 141230158                             | 0-150 | 0-6"  |                 | ±20           |            |       |            |        |         |         |         |       |           |             |             |          |        |                                        |     |            |
| 141230208                             | 0-200 | 0-8"  | 0,001           | ±25           | 4          | 1-20  | IP54       |        |         |         |         |       |           |             |             |          |        |                                        |     |            |
| 141230308                             | 0-300 | 0-12" |                 | ±25           |            |       |            |        |         |         |         |       |           |             |             |          |        |                                        |     |            |



## DELIVERY SET

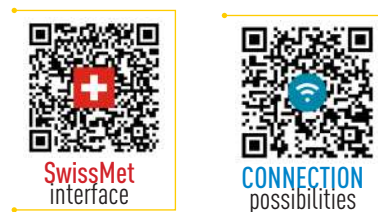






INTERNAL & EXTERNAL

ANVILS ARE OPTIONAL



## SWISSMET IP67 FUNCTIONS

|                                    |                                 |                                               |
|------------------------------------|---------------------------------|-----------------------------------------------|
| <b>PrE</b><br>PRESET               | <b>Unit</b><br>mm/inch          | <b>Hold</b><br>HOLD                           |
| <b>SLEEP (SIS)</b><br>Auto ON/OFF  | <b>IP67</b><br>IP 67 (IEC60529) | <b>SWISS ELECTRONICS</b><br>Swiss electronics |
| <b>MDS APP</b><br>WIRELESS MDS app | <b>HID</b><br>WIRELESS HID      |                                               |

- **SwissMet** Metric and BSW, BSF, Tr **THREAD** measurings (internal & external)
- Interchangeable anvils pairs or anvils set
- **Bi-Force** control module with 8N external and 4N internal FORCE
- Patents US10429165, UA146381, UA202300560
- Waterproof **IP67** Swiss electronics with **PRESET** function
- **MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

| Item No    | Range |       | Reso-<br>lution | Bi-<br>force | Protection | Fixator | Preset | mm/inch | Auto on/off | S connect | WIRELESS |
|------------|-------|-------|-----------------|--------------|------------|---------|--------|---------|-------------|-----------|----------|
|            | mm    | inch  | mm              | N            |            |         |        |         |             |           |          |
| 141078195T | 0-150 | 0-6"  | 0,001           | 8 ext        | IP-67      | •       | •      | •       | •           | •         | •        |
| 141078122T |       |       | 0,01            |              |            | •       | •      | •       | •           | •         |          |
| 141078395T | 0-300 | 0-12" | 0,001           | 4 int        |            | •       | •      | •       | •           | •         | •        |
| 141078322T |       |       | 0,01            |              |            | •       | •      | •       | •           | •         | •        |



## THREAD ANVILS (PAIR)

CUSTOM RANGE AND ANVILS FOR REQUEST

| Item No    | Pitch                             | Angle |
|------------|-----------------------------------|-------|
|            | mm                                | grad  |
| 141377110T | 1,0                               | 60°   |
| 141377112T | 1,25                              |       |
| 141377115T | 1,5                               |       |
| 141377120T | 2,0                               |       |
| 141377125T | 2,5                               |       |
| 141377130T | 3,0                               |       |
| 141377135T | 3,5                               |       |
| 141377140T | 4,0                               |       |
| 141377145T | 4,5                               |       |
| 141377150T | 5,0                               |       |
| 141377155T | 5,5                               |       |
| 141377160T | 6,0                               |       |
| 141377165T | 6,5                               |       |
| 141377170T | 7,0                               |       |
| 141377106T | SET Metric 60°<br>1,5-6mm (10pcs) |       |
| 141377107T | SET Metric 60°<br>1,5-7mm (12pcs) |       |

| Item No    | Pitch                            | Angle  |
|------------|----------------------------------|--------|
|            | mm                               | grad   |
| 141377302T | 2                                | Tr 30° |
| 141377303T | 3                                |        |
| 141377304T | 4                                |        |
| 141377305T | 5                                |        |
| 141377306T | 6                                |        |
| 141377307T | 7                                |        |
| 141377308T | 8                                |        |
| 141377309T | 9                                |        |
| 141377310T | 10                               |        |
| 141377312T | 12                               |        |
| 141377316T | 16                               |        |
| 141377320T | 20                               |        |
| 141377300T | SET Thread 30°<br>2-20mm (12pcs) |        |



| Item No    | Type                           | TPI   |
|------------|--------------------------------|-------|
| 141377211T | BSF<br>55°                     | 11    |
| 141377212T |                                | 10    |
| 141377213T |                                | 9     |
| 141377214T |                                | 8     |
| 141377215T |                                | 7     |
| 141377216T |                                | 6     |
| 141377217T |                                | 5     |
| 141377218T |                                | 4 1/2 |
| 141377219T |                                | 4     |
| 141377291T | SET BSF 55°<br>4-11 TPI (9pcs) |       |

| Item No    | Type                          | TPI   |
|------------|-------------------------------|-------|
| 141377201T | BSW<br>55°                    | 9     |
| 141377202T |                               | 8     |
| 141377203T |                               | 7     |
| 141377204T |                               | 6     |
| 141377205T |                               | 5     |
| 141377206T |                               | 4 1/2 |
| 141377207T |                               | 4     |
| 141377200T | SET BSW 55°<br>4-9 TPI (7pcs) |       |

## DELIVERY SET

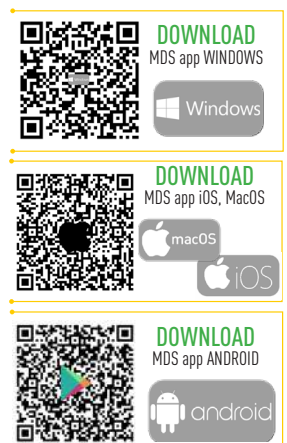


## OPTIONAL

- **SwissMet CABLE** digital caliper with Flat and Pointed (d 0.3mm) jaws
- **Bi-Force** control module with 8N external and 4N internal FORCE
- Patents US10429165, UA146381, UA202300560
- Waterproof **IP67** Swiss electronics with **PRESET** function
- **MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Calibration certificate included (ISO17025 (Ilac MRA))



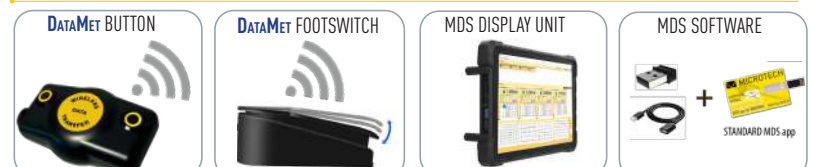
| Item No                                        | Range |      | Reso-<br>lution | Accu-<br>racy | Anvil        | Force    | Protection | Preset | mm/inch | HOLD | S_connect | WIRELESS |
|------------------------------------------------|-------|------|-----------------|---------------|--------------|----------|------------|--------|---------|------|-----------|----------|
|                                                | mm    | inch | mm              | µm            |              | N        |            |        |         |      |           |          |
| <b>TUBE FORCE DIGITAL CALIPER IP67</b>         |       |      |                 |               |              |          |            |        |         |      |           |          |
| 141270156                                      | 0-150 | 0-6" | 0,001           | ±5            | Point D0.3mm | 8/4 IP67 | •          | •      | •       | •    | •         | •        |
| <b>TUBE FORCE WIRELESS MICRON CALIPER IP67</b> |       |      |                 |               |              |          |            |        |         |      |           |          |
| 141270155                                      | 0-150 | 0-6" | 0,001           | ±5            | Point D0.3mm | 8/4 IP67 | •          | •      | •       | •    | •         | •        |



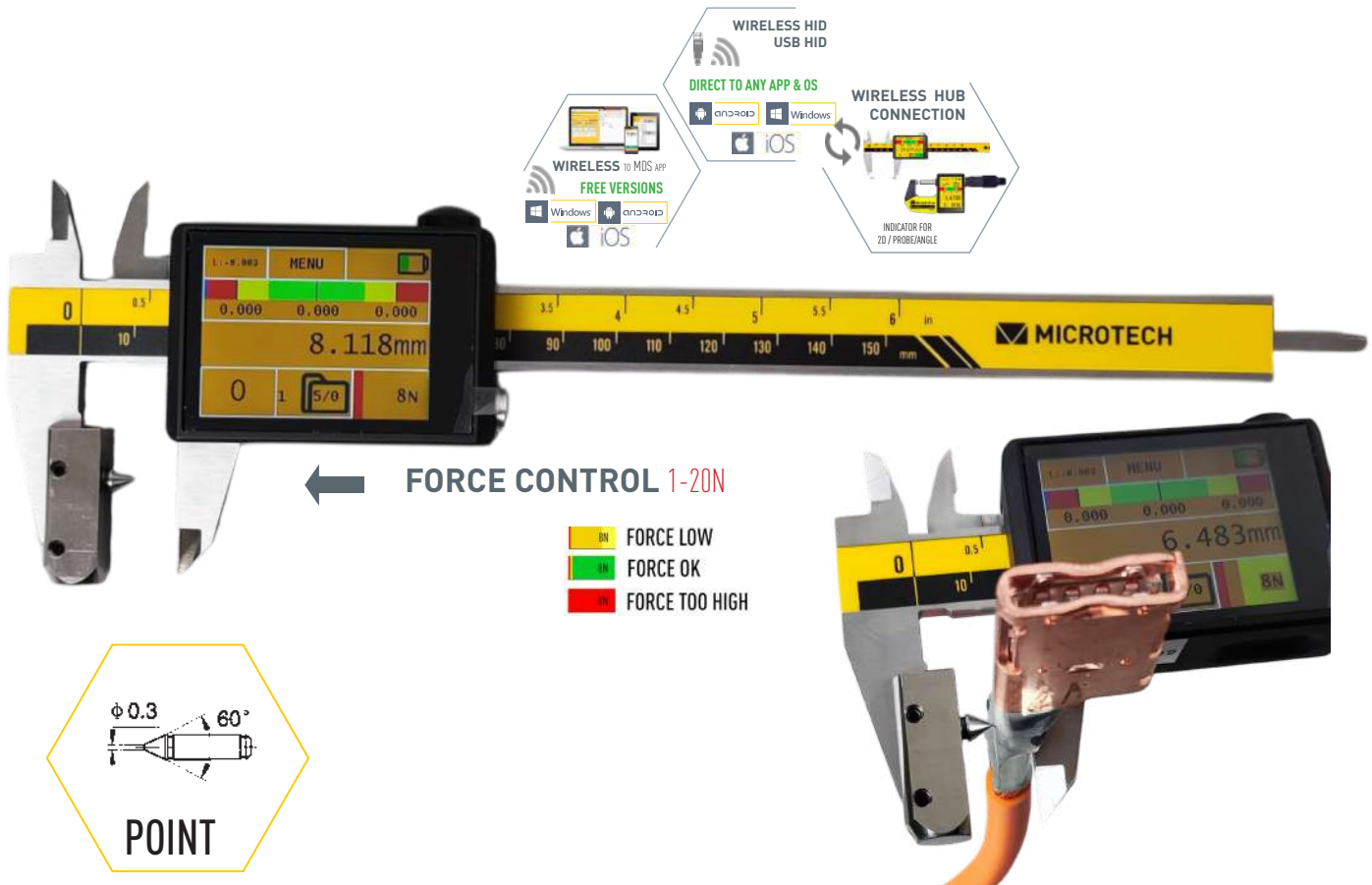
## DELIVERY SET



## OPTIONAL



- **DataMet CABLE** caliper with Flat and Pointed (d 0.3mm) jaws
- Computerized **MICS** indication system with 0,001mm resolution **SWISS made reading system**
- E-Force control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- OPTIONAL **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))



| Item No    | Range |      | Resolution | Accuracy | Anvil D | Force | Protection | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB | MODBUS RTU |
|------------|-------|------|------------|----------|---------|-------|------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|------------|
|            | mm    | inch | mm         | μm       | mm      | N     |            |        |         |         |         |       |           |             |             |          |        |          |     |            |
| 141270158  | 0-150 | 0-6" | 0,0005     | ±4       | Point   | 1-20  | IP54       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          |
| 141270158M |       |      |            |          | D0.3mm  |       |            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          |



DOWNLOAD  
MDS app WINDOWS

Windows



DOWNLOAD  
MDS app iOS, MacOS

macOS  
iOS



DOWNLOAD  
MDS app ANDROID

android

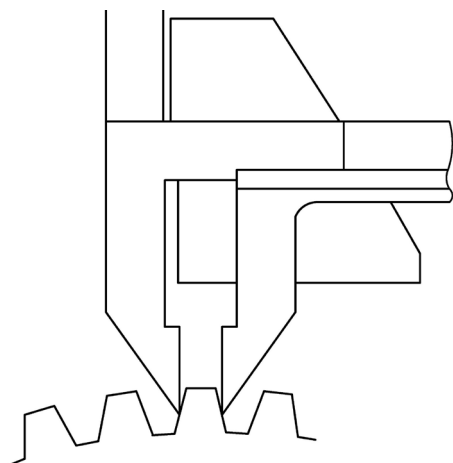
## DELIVERY SET



## OPTIONAL







## SwissMet IP67 FUNCTIONS

|                                                                                                      |                                                                                                  |                                                                                                                |
|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>PrE</b>                                                                                           | <b>Unit</b>                                                                                      | <b>Hold</b>                                                                                                    |
| PRESET                                                                                               | mm/inch                                                                                          | HOLD                                                                                                           |
| <b>SLEEP (SIS)</b>                                                                                   | <b>IP67</b>                                                                                      |  <b>SWISS ELECTRONICS</b> |
| Auto ON/OFF                                                                                          | IP 67 (IEC60529)                                                                                 | Swiss electronics                                                                                              |
| <b>MDS APP</b>  | <b>HID</b>  |                                                                                                                |
| WIRELESS MDS app                                                                                     | WIRELESS HID                                                                                     |                                                                                                                |

- **SwissMet** Gear tooth digital caliper IP67
- Digital Waterproof **IP67** Swiss electronics with 0.01 or **0.001**mm resolution
- **MODIFICATION with 3 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Calibration certificate included (ISO17025 (Ilac MRA))

## GEAR TOOTH **SwissMet IP67** DIGITAL CALIPER

| Item No   | Range | Resolution | Protection | Preset | ABS | mm/inch | Auto on/off | S_connect |
|-----------|-------|------------|------------|--------|-----|---------|-------------|-----------|
|           | mm    | mm         |            |        |     |         |             |           |
| 142022603 | M1-25 | 0,01       | IP67       | •      | •   | •       | •           | •         |
| 142025003 | M5-50 |            |            | •      | •   | •       | •           | •         |

## MICRON GEAR TOOTH **SwissMet IP67** DIGITAL CALIPER

| Item No   | Range | Resolution | Protection | Preset | ABS | mm/inch | Auto on/off | S_connect |
|-----------|-------|------------|------------|--------|-----|---------|-------------|-----------|
|           | mm    | mm         |            |        |     |         |             |           |
| 142022606 | M1-25 | 0,001      | IP67       | •      | •   | •       | •           | •         |
| 142025006 | M5-50 |            |            | •      | •   | •       | •           | •         |

## MICRON **WIRELESS** GEAR TOOTH **SwissMet IP67** DIGITAL CALIPER

| Item No   | Range | Resolution | Protection | Preset | ABS | mm/inch | Auto on/off | WIRELESS |
|-----------|-------|------------|------------|--------|-----|---------|-------------|----------|
|           | mm    | mm         |            |        |     |         |             |          |
| 142022605 | M1-25 | 0,001      | IP67       | •      | •   | •       | •           | •        |
| 142025005 | M5-50 |            |            | •      | •   | •       | •           | •        |



SwissMet  
interface



CONNECTION  
possibilities



DOWNLOAD  
MDS app WINDOWS

Windows



DOWNLOAD  
MDS app iOS, MacOS



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MDS app ANDROID



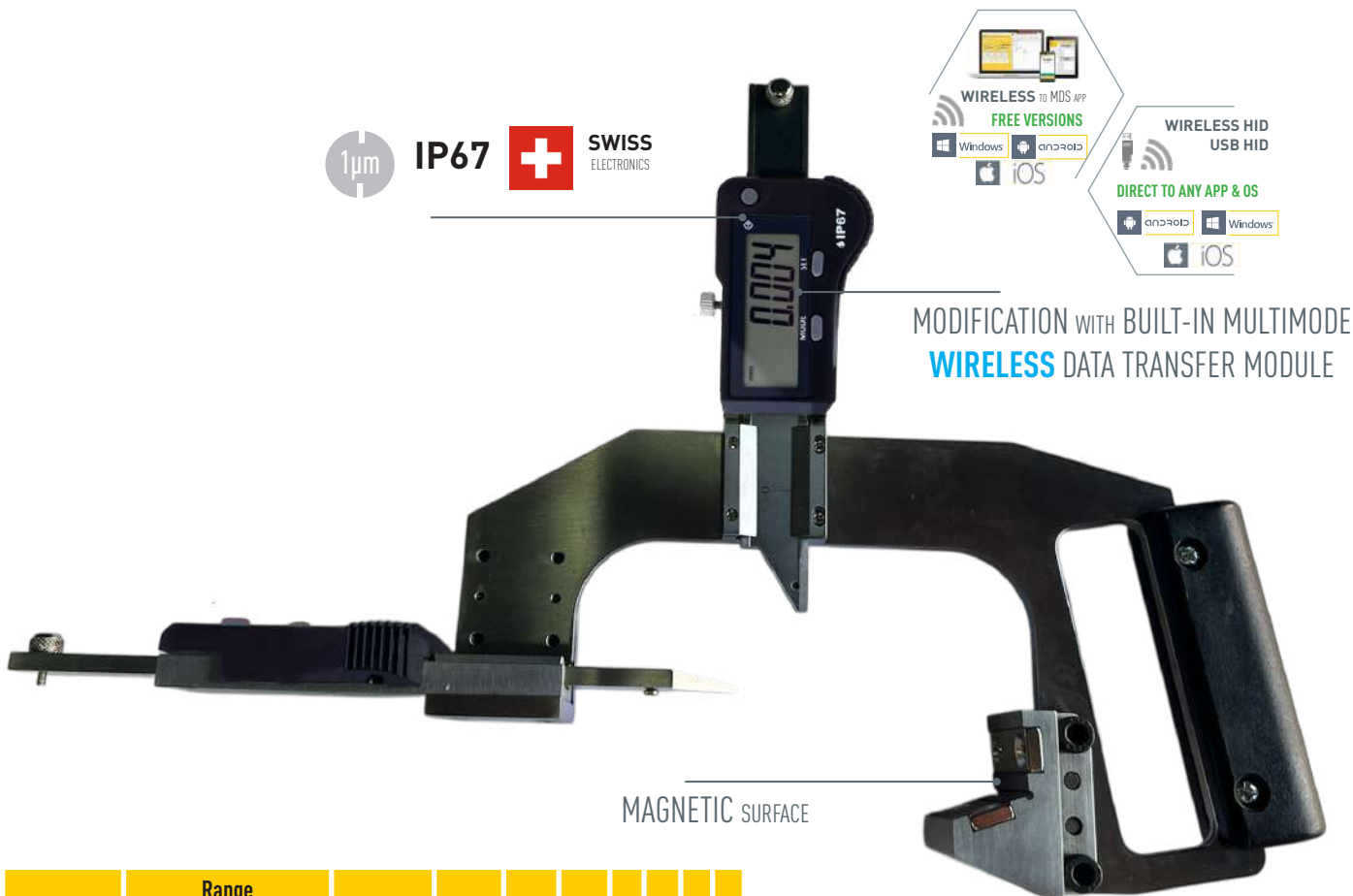
## DELIVERY SET



## OPTIONAL



- Railway rail profile caliper to measuring vertical wear and lateral wear of the rail
- Equipped with magnetic positioning surface
- Optional calibration block
- Waterproof **IP67** Swiss electronics 0.01 or 0.001mm resolution with **PRESET** function
- Modification with **DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No   | Range                      |                 | Magnetic surface | Reso-<br>lution | Accu-<br>racy | Protection | Preset | mm/inch | Auto on/off | WIRELESS |
|-----------|----------------------------|-----------------|------------------|-----------------|---------------|------------|--------|---------|-------------|----------|
|           | Center<br>vertical<br>wear | Lateral<br>wear |                  |                 |               |            |        |         |             |          |
|           | mm                         | mm              |                  | mm              | µm            |            |        |         |             |          |
| 142041603 | 0-15                       | 0-25            | •                | 0,01            | ±30           | IP-67      | •      | •       | •           | •        |
| 142041604 |                            |                 | •                |                 |               |            | •      | •       | •           |          |
| 142041606 |                            |                 | •                | 0,001           | ±15           |            | •      | •       | •           | •        |
| 142041605 |                            |                 | •                |                 |               |            | •      | •       | •           | •        |



SwissMet  
interface



CONNECTION  
possibilities



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## DELIVERY SET

FREE VERSIONS OF MDS APP



CALIBRATION PROTOCOL

## OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH



MDS DISPLAY UNIT

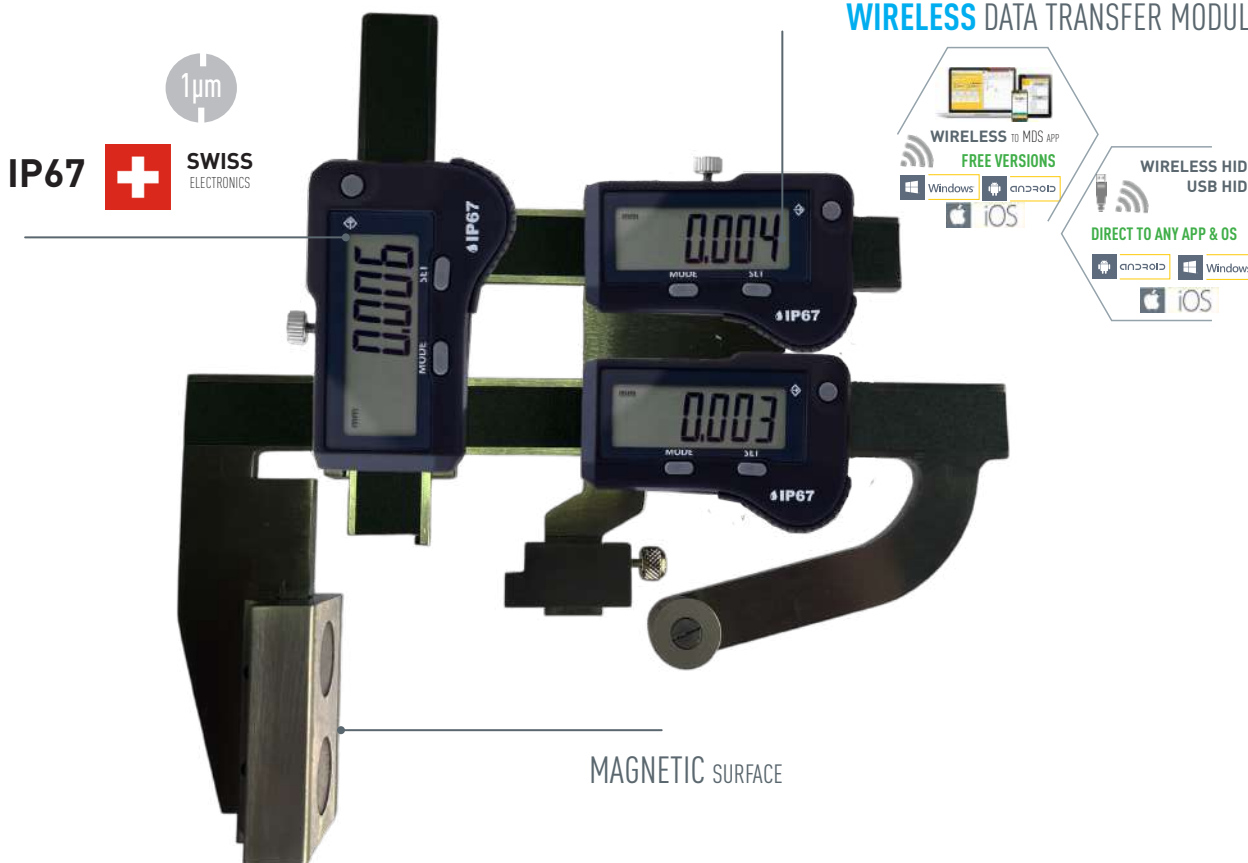


MDS SOFTWARE



- Railway wheel profile caliper (flange caliper) to measuring Sd Flange thickness? Sh Flange height, QR Flange steepness parameters of subway wheel
- Equipped with magnetic positioning surface
- **Optional calibration block**
- Waterproof **IP67** Swiss electronics 0.01 or 0.001mm resolution with **PRESET** function
- Modification with **DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

## MODIFICATION WITH BUILT-IN MULTIMODE **WIRELESS** DATA TRANSFER MODULE



| Item No                                         | Range               |                  |                     | P Thread inclination | Magnetic surface | Calibration block | Reso-  | Accu- | Protection | Preset | mm/inch | Auto on/off | WIRELESS |  |
|-------------------------------------------------|---------------------|------------------|---------------------|----------------------|------------------|-------------------|--------|-------|------------|--------|---------|-------------|----------|--|
|                                                 | Sd Flange thickness | Sh Flange height | QR Flange steepness |                      |                  |                   | lution | racy  |            |        |         |             |          |  |
|                                                 | mm                  | mm               | mm                  |                      |                  |                   | mm     | µm    |            |        |         |             |          |  |
| 142040603                                       | 20-40               | 20-40            | 0-10                | •                    | •                | option            | 0,01   | ±30   | IP-67      | •      | •       | •           | •        |  |
| 142040604                                       |                     |                  |                     | •                    | •                |                   | •      | •     |            |        |         |             |          |  |
| 142040606                                       |                     |                  |                     | •                    | •                |                   | 0,001  | ±15   |            |        |         |             |          |  |
| 142040605                                       |                     |                  |                     | •                    | •                |                   |        |       |            |        |         |             |          |  |
| 142040600                                       |                     |                  |                     | •                    | •                |                   |        |       |            |        |         |             |          |  |
| Setting gauge for Wheel profile digital caliper |                     |                  |                     |                      |                  |                   |        |       |            |        |         |             |          |  |

Setting gauge for Wheel profile digital caliper



SwissMet  
interface



CONNECTION  
possibilities



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MDS app iOS, MacOS



DOWNLOAD  
MDS app ANDROID



## DELIVERY SET

FREE VERSIONS OF MDS APP



## OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



CALIBRATION BLOCK





UP TO **3000MM**



## SwissMet IP67 FUNCTIONS

**PrE**

PRESET

**Unit**

mm/inch

**I Hold**

HOLD

**SLEEP (SIS)**

Auto ON/OFF

**IP67**

IP 67 (IEC60529)



**SWISS  
ELECTRONICS**

Swiss electronics

**MDS APP**



WIRELESS MDS app

**HID**



WIRELESS HID



- **SwissMet** Waterproof **IP67** Swiss electronics with PRESET function
- STANDARD type depth caliper or with PIN TIP or DOUBLE HOOK
- Calibration certificate included (ISO17025 (Ilac MRA))

## DEPTH **SwissMet IP67** DIGITAL CALIPER

| Item No    | Range  |        | Reso-<br>lution | Accu-<br>racy | Base | Protection | Preset | mm/inch | HOLD | Auto on/off | S connect |  |
|------------|--------|--------|-----------------|---------------|------|------------|--------|---------|------|-------------|-----------|--|
|            | mm     | inch   | mm              | µm            | mm   |            |        |         |      |             |           |  |
| 1432010153 | 0-150  | 0-6"   | 0,01            | ±20           | 102  | IP67       | •      | •       | •    | •           | •         |  |
| 1432010203 | 0-200  | 0-8"   |                 | ±30           |      |            | •      | •       | •    | •           | •         |  |
| 1432010303 | 0-300  | 0-12"  |                 | ±40           |      |            | •      | •       | •    | •           | •         |  |
| 1432010503 | 0-500  | 0-20"  |                 | ±50           | 150  |            | •      | •       | •    | •           | •         |  |
| 1432011003 | 0-1000 | 0-40"  |                 | ±80           |      |            | •      | •       | •    | •           | •         |  |
| 1432012003 | 0-2000 | 0-80"  |                 | ±100          |      |            | •      | •       | •    | •           | •         |  |
| 1432013003 | 0-3000 | 0-120" |                 |               |      |            | •      | •       | •    | •           | •         |  |

## DEPTH **SwissMet IP67** DIGITAL CALIPER DOUBLE HOOK

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy | Base | Protection  | Preset | mm/inch | HOLD | Auto on/off | S_connect |
|------------|-------|-------|-----------------|---------------|------|-------------|--------|---------|------|-------------|-----------|
|            | mm    | inch  | mm              | µm            | mm   |             |        |         |      |             |           |
| 1432020153 | 0-150 | 0-6"  | 0,01            | ±20           | 102  | <b>IP67</b> | •      | •       | •    | •           | •         |
| 1432020303 | 0-300 | 0-12" |                 | ±30           |      |             | •      | •       | •    | •           | •         |

## DEPTH **SwissMet IP67** DIGITAL CALIPER PIN TIP

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy | Base | Pin   | Protection  | Preset | mm/inch | HOLD | Auto on/off | S_connect |
|------------|-------|-------|-----------------|---------------|------|-------|-------------|--------|---------|------|-------------|-----------|
|            | mm    | inch  | mm              | µm            | mm   | mm    |             |        |         |      |             |           |
| 1432030153 | 0-150 | 0-6"  | 0,01            | ±20           | 102  | D 1,5 | <b>IP67</b> | •      | •       | •    | •           | •         |
| 1432030303 | 0-300 | 0-12" |                 | ±30           |      |       |             | •      | •       | •    | •           | •         |
| 1432030503 | 0-500 | 0-20" |                 | ±40           |      |       |             | •      | •       | •    | •           | •         |

## DELIVERY SET



**IP67**  **SWISS ELECTRONICS**

BUILT-IN MULTIMODE **WIRELESS**  
DATA TRANSFER MODULE



## SWISSMET IP67 FUNCTIONS

**PrE**

PRESET

**Unit**

mm/inch

**Hold**

HOLD

**SLEEP (SIS)**

Auto ON/OFF

**IP67**

IP 67 (IEC60529)

 **SWISS ELECTRONICS**

Swiss electronics

**MDS APP**



WIRELESS MDS app

**HID**



WIRELESS HID

- **SwissMet** Waterproof **IP67** Swiss electronics with PRESET function
- STANDARD type depth caliper or with PIN TIP or DOUBLE HOOK
- **3 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- **Calibration** certificate included (ISO17025 (Ilac MRA))

## WIRELESS DEPTH **SwissMet IP67** DIGITAL CALIPER

| Item No    | Range  |        | Reso-<br>lution | Accu-<br>racy | Base | Protection  | Preset | mm/inch | Auto on/off | WIRELESS |
|------------|--------|--------|-----------------|---------------|------|-------------|--------|---------|-------------|----------|
|            | mm     | inch   | mm              | μm            | mm   |             |        |         |             |          |
| 1432010154 | 0-150  | 0-6"   | 0,01            | ±20           | 102  | <b>IP67</b> | •      | •       | •           | •        |
| 1432010204 | 0-200  | 0-8"   |                 | ±30           |      |             | •      | •       | •           | •        |
| 1432010304 | 0-300  | 0-12"  |                 | ±40           |      |             | •      | •       | •           | •        |
| 1432010504 | 0-500  | 0-20"  |                 | ±50           |      |             | •      | •       | •           | •        |
| 1432011004 | 0-1000 | 0-40"  |                 | ±80           |      |             | •      | •       | •           | •        |
| 1432012004 | 0-2000 | 0-80"  | 0,01            | ±100          | 150  | <b>IP67</b> | •      | •       | •           | •        |
| 1432013004 | 0-3000 | 0-120" |                 |               |      |             | •      | •       | •           | •        |



## WIRELESS DEPTH **SwissMet IP67** DIGITAL CALIPER DOUBLE HOOK

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy | Base | Protection  | Preset | mm/inch | Auto on/off | WIRELESS |
|------------|-------|-------|-----------------|---------------|------|-------------|--------|---------|-------------|----------|
|            | mm    | inch  | mm              | μm            | mm   |             |        |         |             |          |
| 1432020154 | 0-150 | 0-6"  | 0,01            | ±20           | 102  | <b>IP67</b> | •      | •       | •           | •        |
| 1432020304 | 0-300 | 0-12" |                 | ±30           |      |             | •      | •       | •           | •        |

## WIRELESS DEPTH **SwissMet IP67** DIGITAL CALIPER PIN TIP

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy | Base | Pin   | Protection  | Preset | mm/inch | Auto on/off | WIRELESS |
|------------|-------|-------|-----------------|---------------|------|-------|-------------|--------|---------|-------------|----------|
|            | mm    | inch  | mm              | μm            | mm   | mm    |             |        |         |             |          |
| 1432030154 | 0-150 | 0-6"  | 0,01            | ±20           | 102  | D 1,5 | <b>IP67</b> | •      | •       | •           | •        |
| 1432030304 | 0-300 | 0-12" |                 | ±30           |      |       |             | •      | •       | •           | •        |
| 1432030504 | 0-500 | 0-20" |                 | ±40           |      |       |             | •      | •       | •           | •        |

## DELIVERY SET



## OPTIONAL





- **MICRON SwissMet** Waterproof **IP67** Swiss electronics with PRESET function
- High accuracy up to  $\pm 15\mu\text{m}$
- **3 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Calibration certificate included (ISO17025 (Ilac MRA))



## MICRON DEPTH SWISSMET IP67 DIGITAL CALIPER

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy | Base | Protection | Preset | mm/inch | Auto on/off | HOLD | Auto on/off | S_connect |
|------------|-------|-------|-----------------|---------------|------|------------|--------|---------|-------------|------|-------------|-----------|
|            | mm    | inch  | mm              | $\mu\text{m}$ | mm   |            |        |         |             |      |             |           |
| 1432010156 | 0-150 | 0-6"  | 0,001           | $\pm 15$      | 102  | IP67       | •      | •       | •           | •    | •           | •         |
| 1432010206 | 0-200 | 0-8"  |                 | $\pm 20$      |      |            | •      | •       | •           | •    | •           | •         |
| 1432010306 | 0-300 | 0-12" |                 | $\pm 20$      |      |            | •      | •       | •           | •    | •           | •         |
| 1432010506 | 0-500 | 0-20" |                 | $\pm 30$      |      |            | •      | •       | •           | •    | •           | •         |



## WIRELESS MICRON DEPTH SWISSMET IP67 DIGITAL CALIPER

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy | Base | Protection | Preset | mm/inch | Auto on/off | WIRELESS |
|------------|-------|-------|-----------------|---------------|------|------------|--------|---------|-------------|----------|
|            | mm    | inch  | mm              | $\mu\text{m}$ | mm   |            |        |         |             |          |
| 1432010155 | 0-150 | 0-6"  | 0,001           | $\pm 15$      | 102  | IP67       | •      | •       | •           | •        |
| 1432010205 | 0-200 | 0-8"  |                 | $\pm 20$      |      |            | •      | •       | •           | •        |
| 1432010305 | 0-300 | 0-12" |                 | $\pm 20$      |      |            | •      | •       | •           | •        |
| 1432010505 | 0-500 | 0-20" |                 | $\pm 30$      |      |            | •      | •       | •           | •        |



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Windows



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macOS  
iOS



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MDS app ANDROID

android

## DELIVERY SET



## OPTIONAL



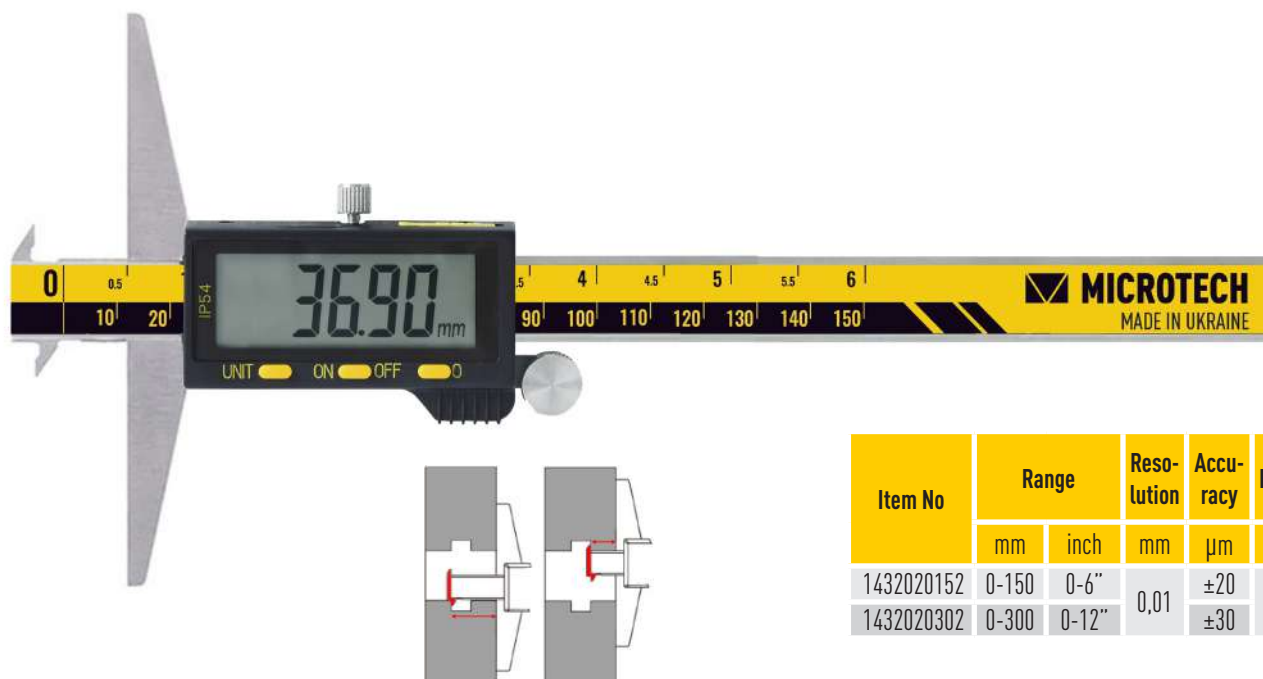
- **CertiMet** digital depth caliper **IP54** waterproof with optimal price level
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

## CertiMet DEPTH DIGITAL CALIPER IP54



| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy | Base | Protection | USB |
|------------|-------|-------|-----------------|---------------|------|------------|-----|
|            | mm    | inch  | mm              | μm            | mm   |            |     |
| 1432010152 | 0-150 | 0-6"  | 0,01            | ±20           | 102  | IP54       | •   |
| 1432010202 | 0-200 | 0-8"  |                 | ±30           |      |            | •   |
| 1432010302 | 0-300 | 0-12" |                 | ±30           |      |            | •   |
| 1432010502 | 0-500 | 0-20" |                 | ±50           |      |            | •   |

## CertiMet DEPTH DIGITAL CALIPER IP54 DOUBLE HOOK



| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy | Base | Protection | USB |
|------------|-------|-------|-----------------|---------------|------|------------|-----|
|            | mm    | inch  | mm              | μm            | mm   |            |     |
| 1432020152 | 0-150 | 0-6"  | 0,01            | ±20           | 102  | IP54       | •   |
| 1432020302 | 0-300 | 0-12" |                 | ±30           |      |            | •   |

## DELIVERY SET

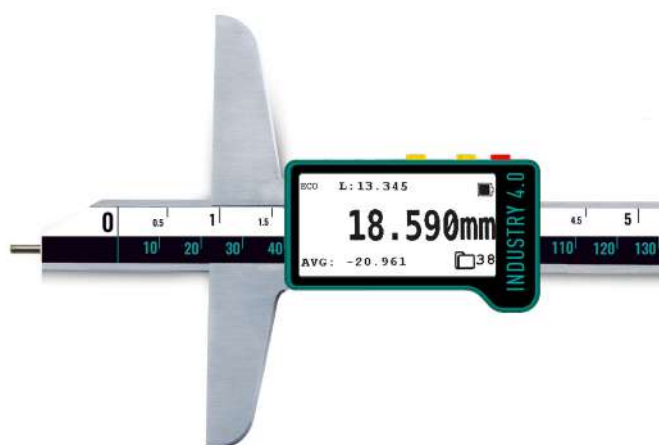
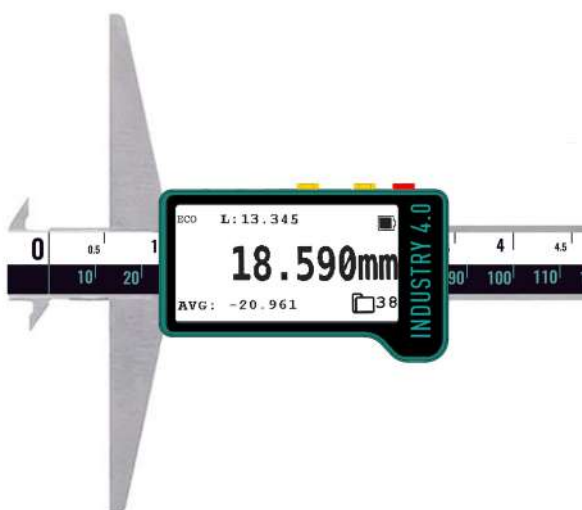
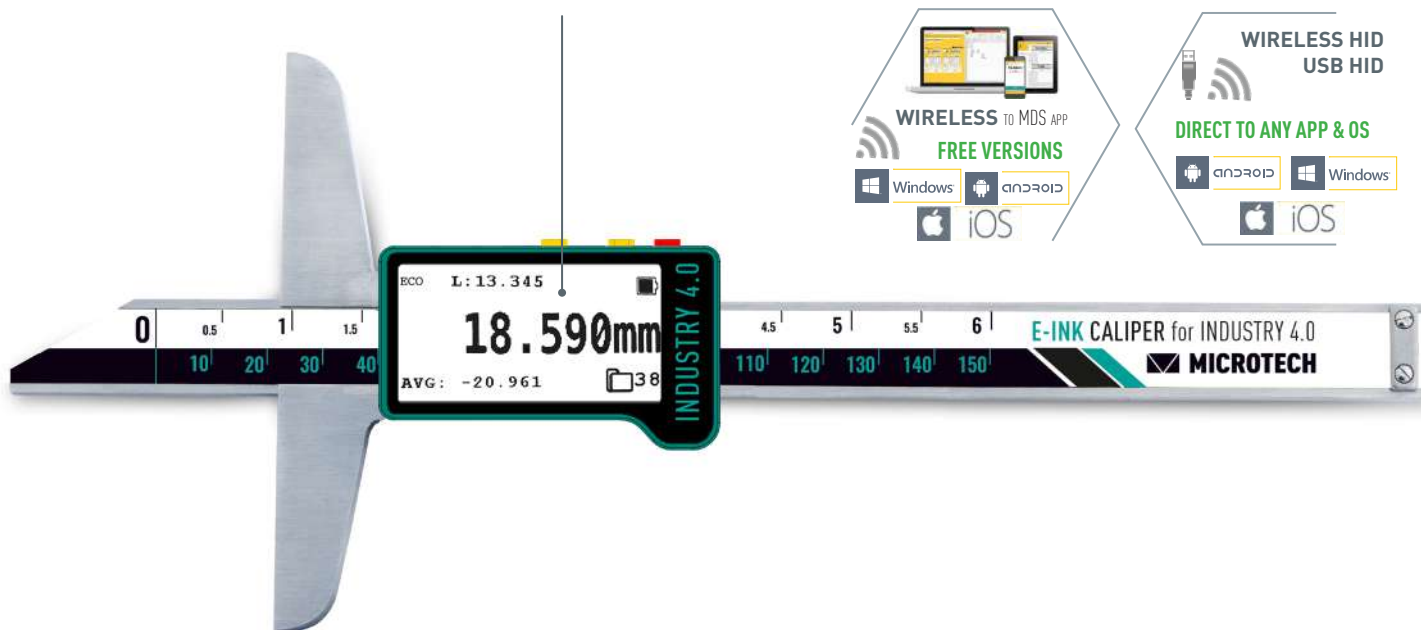


## OPTIONAL

**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE A  
KEYBOARD



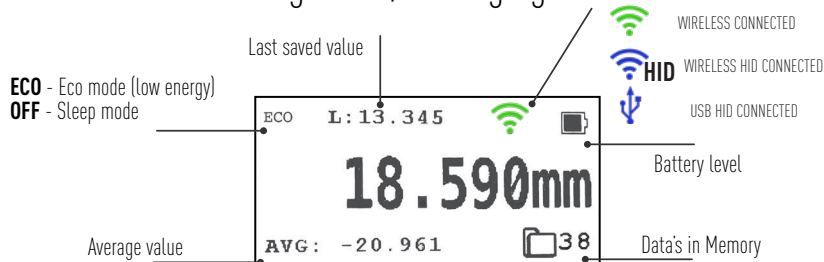
ENERGY EFFICIENCY E-INK DISPLAY 2.13"



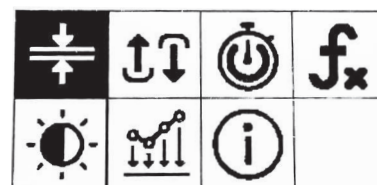
## DATA MET E-INK FUNCTIONS

### ENERGY ECONOMY 2.13" E-INK DISPLAY

200+ working hours/1 charging



### MULTIFUNCTIONAL MENU



INTERNAL MEMORY 1000 val with STATISTICS

| Stat      | All       |
|-----------|-----------|
| 1: 0.050  | 4: 29.245 |
| 2: 7.320  | 5: 37.680 |
| 3: 20.440 | NEXT PREV |

- **Industry 4.0** adopted Intelligent depth caliper with computerized MICS system (Patents US10184772, UA174949, UA126928)
- **ENERGY ECONOMY** 2.13" E-ink display (200+ working hours / 1 charging)
- **STANDARD** type depth caliper or with PIN TIP or DOUBLE HOOK
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Resolution selecting, Connection indication
- **Memory manager:** 1000 values, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **Calibration** certificate included (ISO17025 (Ilac MRA))

## DataMet E-INK DEPTH CALIPER

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy | Base | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory   | WIRELESS | USB |
|------------|-------|-------|-----------------|---------------|------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|----------|----------|-----|
|            | mm    | inch  | mm              | μm            | mm   |        |         |         |         |       |           |             |             |          |          |          |     |
| 1432010159 | 0-150 | 0-6"  |                 | ±15           |      | •      | •       | •       | •       | •     | •         | •           | •           | •        | 1000 val | •        | •   |
| 1432010209 | 0-200 | 0-8"  | 0,005           | ±20           | 102  | •      | •       | •       | •       | •     | •         | •           | •           | •        | •        | •        | •   |
| 1432010309 | 0-300 | 0-12" |                 | ±25           |      | •      | •       | •       | •       | •     | •         | •           | •           | •        | •        | •        | •   |

## DataMet E-INK DEPTH CALIPER DOUBLE HOOK

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy | Base | Protection | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB |
|------------|-------|-------|-----------------|---------------|------|------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|
|            | mm    | inch  | mm              | μm            | mm   |            |        |         |         |         |       |           |             |             |          |        |          |     |
| 1432020159 | 0-150 | 0-6"  |                 | ±15           | 102  |            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 1432020309 | 0-300 | 0-12" | 0,005           | ±25           |      | IP54       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |

## DataMet E-INK DEPTH CALIPER PIN TIP

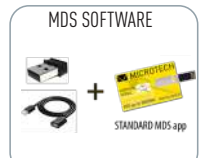
| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy | Base | Pin   | Protection | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB |
|------------|-------|-------|-----------------|---------------|------|-------|------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|
|            | mm    | inch  | mm              | μm            | mm   | mm    |            |        |         |         |         |       |           |             |             |          |        |          |     |
| 1432030159 | 0-150 | 0-6"  | 0,005           | ±15           | 102  | D 1,5 | IP54       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 1432030309 | 0-300 | 0-12" |                 | ±25           |      |       |            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |

E-ink  
interfaceCONNECTION  
possibilitiesDOWNLOAD  
MDS app WINDOWSDOWNLOAD  
MDS app iOS, MacOSDOWNLOAD  
MDS app ANDROID

## DELIVERY SET



## OPTIONAL





TABLET MULTIFUNCTIONAL **MICS**  
1.54" TOUCHSCREEN DISPLAY



## DATAmet FUNCTIONS

|                             |                                |                                 |                               |
|-----------------------------|--------------------------------|---------------------------------|-------------------------------|
| <p>COLOR GO / NOGO</p>      | <p>COLOR MAX / MIN / RANGE</p> | <p>TIMER</p>                    | <p>Formula</p>                |
| <p>MEMORY 1000 values</p>   | <p>MEMORY STATISTICS</p>       | <p>TEMPERATURE COMPENSATION</p> | <p>DEVICE INFO, UPDATE</p>    |
| <p>DISPLAY &amp; ENERGY</p> | <p>RESOLUTION, mm/inch</p>     | <p>WIRELESS to MDS app</p>      | <p>WIRELESS &amp; USB HID</p> |

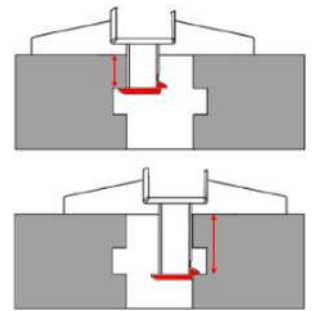
- Industry 4.0 adopted depth caliper with computerized MICS system
- STANDARD type depth caliper or with PIN TIP or DOUBLE HOOK
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (ILac MRA))

## DataMet DEPTH CALIPER

| Item No    | Range  |         | Reso-<br>lution | Accu-<br>racy | Base | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory             | WIRELESS         | USB              |
|------------|--------|---------|-----------------|---------------|------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------------------|------------------|------------------|
|            | mm     | inch    | mm              | μm            | mm   |        |         |         |         |       |           |             |             |          |                    |                  |                  |
| 1432010157 | 0-150  | 0-6"    | 0,005           | ±15           | 102  | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val | Long range / HID | USB HID / Update |
| 1432010207 | 0-200  | 0-8"    |                 | ±20           |      | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 1432010307 | 0-300  | 0-12"   |                 | ±25           |      | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 1432010507 | 0-500  | 0-20"   | 0,01            | ±40           | 150  | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 1432011007 | 0-1000 | 0-40"   |                 | ±50           |      | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 1432012007 | 0-2000 | 0-80"   |                 | ±70           |      | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 1432013007 | 0-3000 | 0-1200" |                 | ±90           |      | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |

## DataMet DEPTH CALIPER DOUBLE HOOK

| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy | Base | Protection | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB |
|------------|-------|-------|-----------------|---------------|------|------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|
|            | mm    | inch  | mm              | μm            | mm   |            |        |         |         |         |       |           |             |             |          |        |          |     |
| 1432020157 | 0-150 | 0-6"  | 0,005           | ±15           | 102  | IP54       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 1432020307 | 0-300 | 0-12" |                 | ±25           |      |            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |



## DataMet DEPTH CALIPER PIN TIP

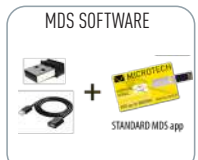
| Item No    | Range |       | Reso-<br>lution | Accu-<br>racy | Base | Pin   | Protection | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB |
|------------|-------|-------|-----------------|---------------|------|-------|------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|
|            | mm    | inch  | mm              | μm            | mm   | mm    |            |        |         |         |         |       |           |             |             |          |        |          |     |
| 1432030157 | 0-150 | 0-6"  | 0,005           | ±15           | 102  | D 1,5 | IP54       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 1432030307 | 0-300 | 0-12" |                 | ±25           |      |       |            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 1432030507 | 0-500 | 0-20" |                 | ±30           |      |       |            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |

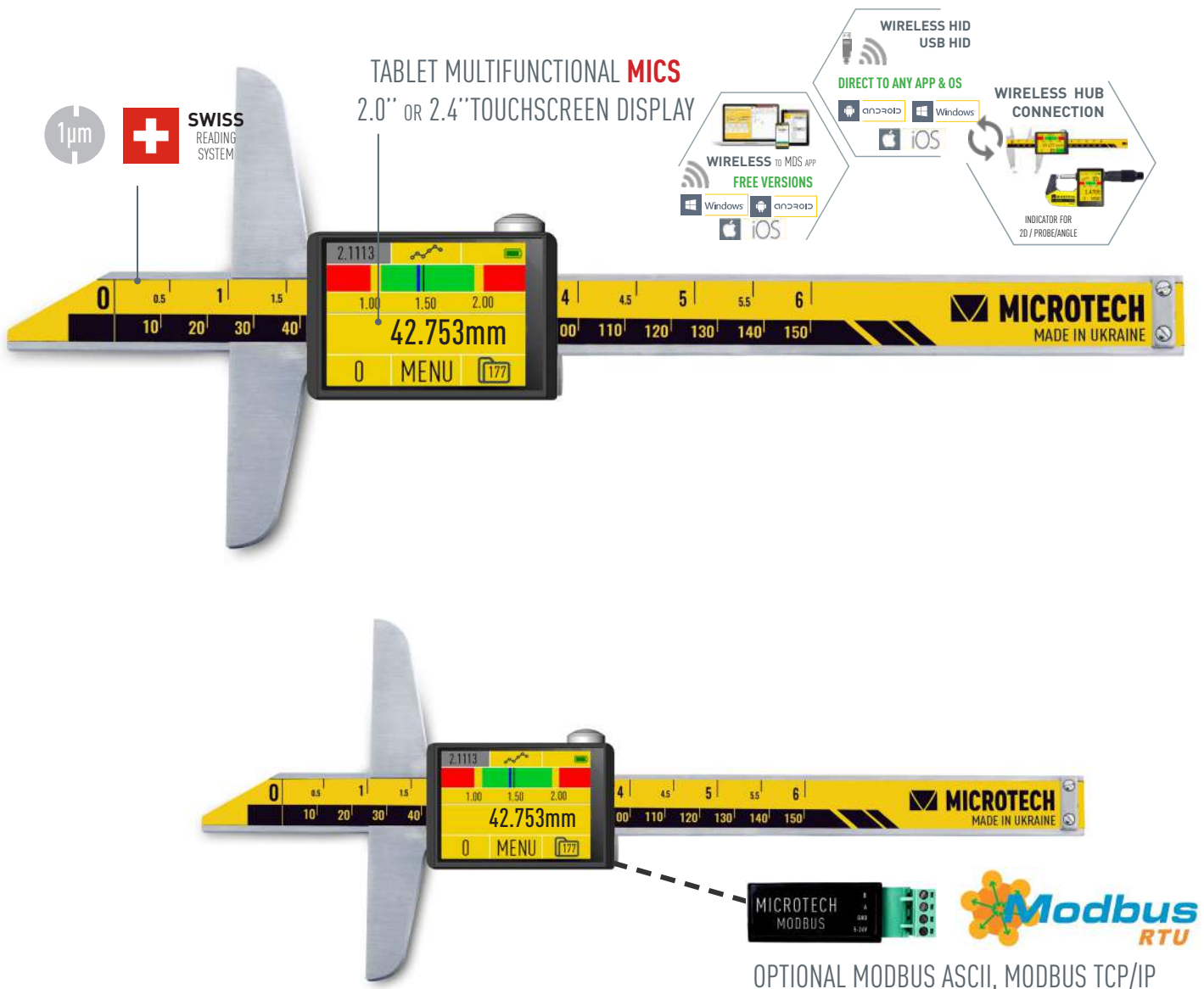
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MDS app ANDROID

## DELIVERY SET



## OPTIONAL





## DATAmet FUNCTIONS





- Industry 4.0 adopted depth caliper with computerized MICS system
- MODIFICATION MICRON with **SWISS made reading system** resolution **1 micron** (0,0005/0,001/0,01/0,1mm selection)
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- MODIFICATION MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))

## MICRON DataMet DEPTH CALIPER

| Item No    | Range  |       | Reso-<br>lution | Accu-<br>racy | Base | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory             | WIRELESS         | USB              |
|------------|--------|-------|-----------------|---------------|------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------------------|------------------|------------------|
|            | mm     | inch  |                 |               |      |        |         |         |         |       |           |             |             |          |                    |                  |                  |
| 1432010158 | 0-150  | 0-6"  | 0,001           | ±12           | 102  | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val | Long range / HID | USB HID / Update |
| 1432010208 | 0-200  | 0-8"  |                 | ±15           |      | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 1432010308 | 0-300  | 0-12" |                 | ±15           |      | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 1432010508 | 0-500  | 0-20" |                 | ±25           |      | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 1432011008 | 0-1000 | 0-40" |                 | ±30           | 150  | •      | •       | •       | •       | •     | •         | •           | •           |          |                    |                  |                  |

## MODBUS MICRON DataMet DEPTH CALIPER

| Item No     | Range  |       | Reso-<br>lution | Accu-<br>racy | Base | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS           | USB              | MODBUS RTU       | MODBUS ASCII | MODBUS TCP/IP |  |
|-------------|--------|-------|-----------------|---------------|------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|--------------------|------------------|------------------|--------------|---------------|--|
|             | mm     | inch  | mm              | µm            | mm   |        |         |         |         |       |           |             |             |          |        |                    |                  |                  |              |               |  |
| 1432010158M | 0-150  | 0-6"  | 0,001           | ±12           | 102  | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | Folders / 2000 val | Long range / HID | USB HID / Update | •            |               |  |
| 1432010208M | 0-200  | 0-8"  |                 | ±15           |      | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      |                    |                  |                  | •            |               |  |
| 1432010308M | 0-300  | 0-12" |                 | ±15           |      | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      |                    |                  |                  | •            |               |  |
| 1432010508M | 0-500  | 0-20" |                 | ±25           |      | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      |                    |                  |                  | •            |               |  |
| 1432011008M | 0-1000 | 0-40" |                 | ±30           | 150  | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •                  |                  |                  |              |               |  |



DataMet interface



CONNECTION possibilities



MODBUS protocol



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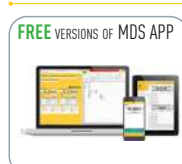
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## DELIVERY SET



## OPTIONAL

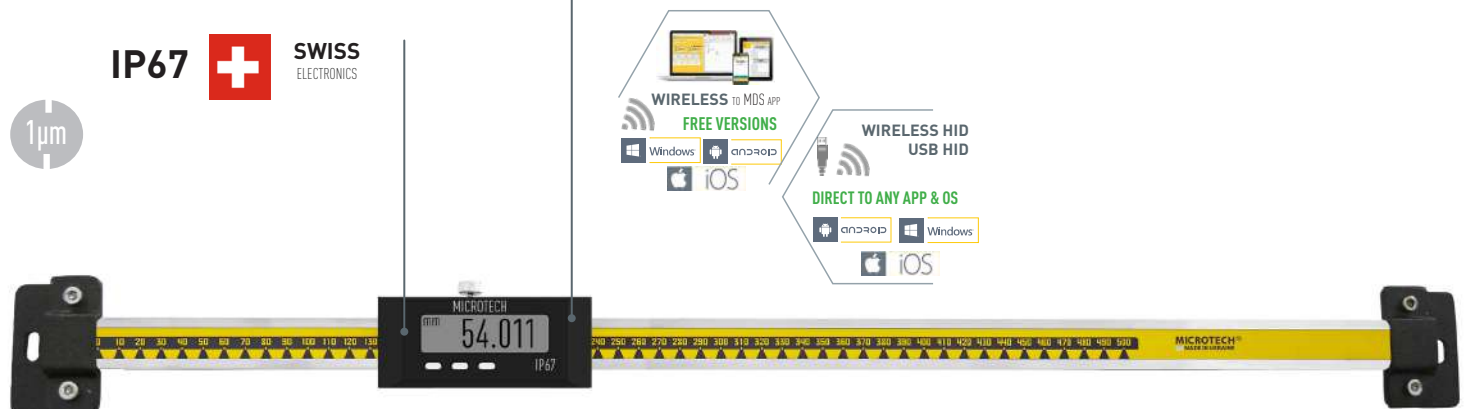




MODIFICATION WITH BUILT-IN MULTIMODE  
**WIRELESS** DATA TRANSFER MODULE



MODIFICATION WITH BUILT-IN MULTIMODE  
**WIRELESS** DATA TRANSFER MODULE



**CUSTOM RANGE AND CONFIGURATION FOR REQUEST**

## SwissMet IP67 FUNCTIONS

**PrE** **Unit** **Hold**

PRESET

mm/inch

HOLD

**SLEEP (SIS)**

**IP67**



**SWISS**  
ELECTRONICS

Auto ON/OFF

IP 67 (IEC60529)

Swiss electronics

**MDS APP**



WIRELESS MDS app

**HID**



WIRELESS HID

- **SwissMet** Waterproof **IP67** Swiss electronics with PRESET function with 0,01mm or 0,001mm resolution
- High accuracy up to  $\pm 10\mu\text{m}$
- MODIFICATION **3 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- CUSTOM RANGE AND CONFIGURATION FOR REQUEST
- Calibration certificate included (ISO17025 (Ilac MRA))

## SWISSMET IP67 READOUT LINEAR SCALE

| Item No   | Range  |        | Reso-<br>lution | Accu-<br>racy | Protection | Preset | ABS | mm/inch | Auto on/off | S_connect |
|-----------|--------|--------|-----------------|---------------|------------|--------|-----|---------|-------------|-----------|
|           | mm     | inch   | mm              | $\mu\text{m}$ |            |        |     |         |             |           |
| 142501147 | 0-150  | 0-6"   | 0,01            | $\pm 20$      | IP67       | •      | •   | •       | •           | •         |
| 142502147 | 0-200  | 0-8"   |                 | $\pm 20$      |            | •      | •   | •       | •           | •         |
| 142503147 | 0-300  | 0-12"  |                 | $\pm 30$      |            | •      | •   | •       | •           | •         |
| 142505147 | 0-500  | 0-20"  |                 | $\pm 40$      |            | •      | •   | •       | •           | •         |
| 142506147 | 0-600  | 0-24"  |                 | $\pm 40$      |            | •      | •   | •       | •           | •         |
| 142510147 | 0-1000 | 0-40"  |                 | $\pm 50$      |            | •      | •   | •       | •           | •         |
| 142515147 | 0-1500 | 0-60"  |                 | $\pm 70$      |            | •      | •   | •       | •           | •         |
| 142520147 | 0-2000 | 0-80"  |                 | $\pm 80$      |            | •      | •   | •       | •           | •         |
| 142525147 | 0-2500 | 0-100" |                 | $\pm 90$      |            | •      | •   | •       | •           | •         |
| 142530147 | 0-3000 | 0-120" |                 | $\pm 100$     |            | •      | •   | •       | •           | •         |
| 142540147 | 0-4000 | 0-160" |                 | $\pm 110$     |            | •      | •   | •       | •           | •         |
| 142550147 | 0-5000 | 0-200" |                 | $\pm 120$     |            | •      | •   | •       | •           | •         |



SwissMet  
interface



CONNECTION  
possibilities

## MICRON SWISSMET IP67 READOUT LINEAR SCALE

| Item No   | Range  |       | Reso-<br>lution | Accu-<br>racy | Protection | Preset | ABS | mm/inch | Auto on/off | S_connect |
|-----------|--------|-------|-----------------|---------------|------------|--------|-----|---------|-------------|-----------|
|           | mm     | inch  | mm              | $\mu\text{m}$ |            |        |     |         |             |           |
| 142501146 | 0-150  | 0-6"  | 0,001           | $\pm 10$      | IP67       | •      | •   | •       | •           | •         |
| 142502146 | 0-200  | 0-8"  |                 | $\pm 12$      |            | •      | •   | •       | •           | •         |
| 142503146 | 0-300  | 0-12" |                 | $\pm 15$      |            | •      | •   | •       | •           | •         |
| 142505146 | 0-500  | 0-20" |                 | $\pm 20$      |            | •      | •   | •       | •           | •         |
| 142506146 | 0-600  | 0-24" |                 | $\pm 20$      |            | •      | •   | •       | •           | •         |
| 142510146 | 0-1000 | 0-40" |                 | $\pm 30$      |            | •      | •   | •       | •           | •         |
| 142515146 | 0-1500 | 0-60" |                 | $\pm 40$      |            | •      | •   | •       | •           | •         |
| 142520146 | 0-2000 | 0-80" |                 | $\pm 50$      |            | •      | •   | •       | •           | •         |

## MICRON WIRELESS SWISSMET IP67 READOUT LINEAR SCALE

| Item No   | Range  |       | Reso-<br>lution | Accu-<br>racy | Protection | Preset | ABS | mm/inch | Auto on/off | WIRELESS |
|-----------|--------|-------|-----------------|---------------|------------|--------|-----|---------|-------------|----------|
|           | mm     | inch  | mm              | $\mu\text{m}$ |            |        |     |         |             |          |
| 142501148 | 0-150  | 0-6"  | 0,001           | $\pm 10$      | IP67       | •      | •   | •       | •           | •        |
| 142502148 | 0-200  | 0-8"  |                 | $\pm 12$      |            | •      | •   | •       | •           | •        |
| 142503148 | 0-300  | 0-12" |                 | $\pm 15$      |            | •      | •   | •       | •           | •        |
| 142505148 | 0-500  | 0-20" |                 | $\pm 20$      |            | •      | •   | •       | •           | •        |
| 142506148 | 0-600  | 0-24" |                 | $\pm 20$      |            | •      | •   | •       | •           | •        |
| 142510148 | 0-1000 | 0-40" |                 | $\pm 30$      |            | •      | •   | •       | •           | •        |
| 142515148 | 0-1500 | 0-60" |                 | $\pm 40$      |            | •      | •   | •       | •           | •        |
| 142520148 | 0-2000 | 0-80" |                 | $\pm 50$      |            | •      | •   | •       | •           | •        |



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MDS app WINDOWS  




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MDS app iOS, MacOS  
 



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MDS app ANDROID  

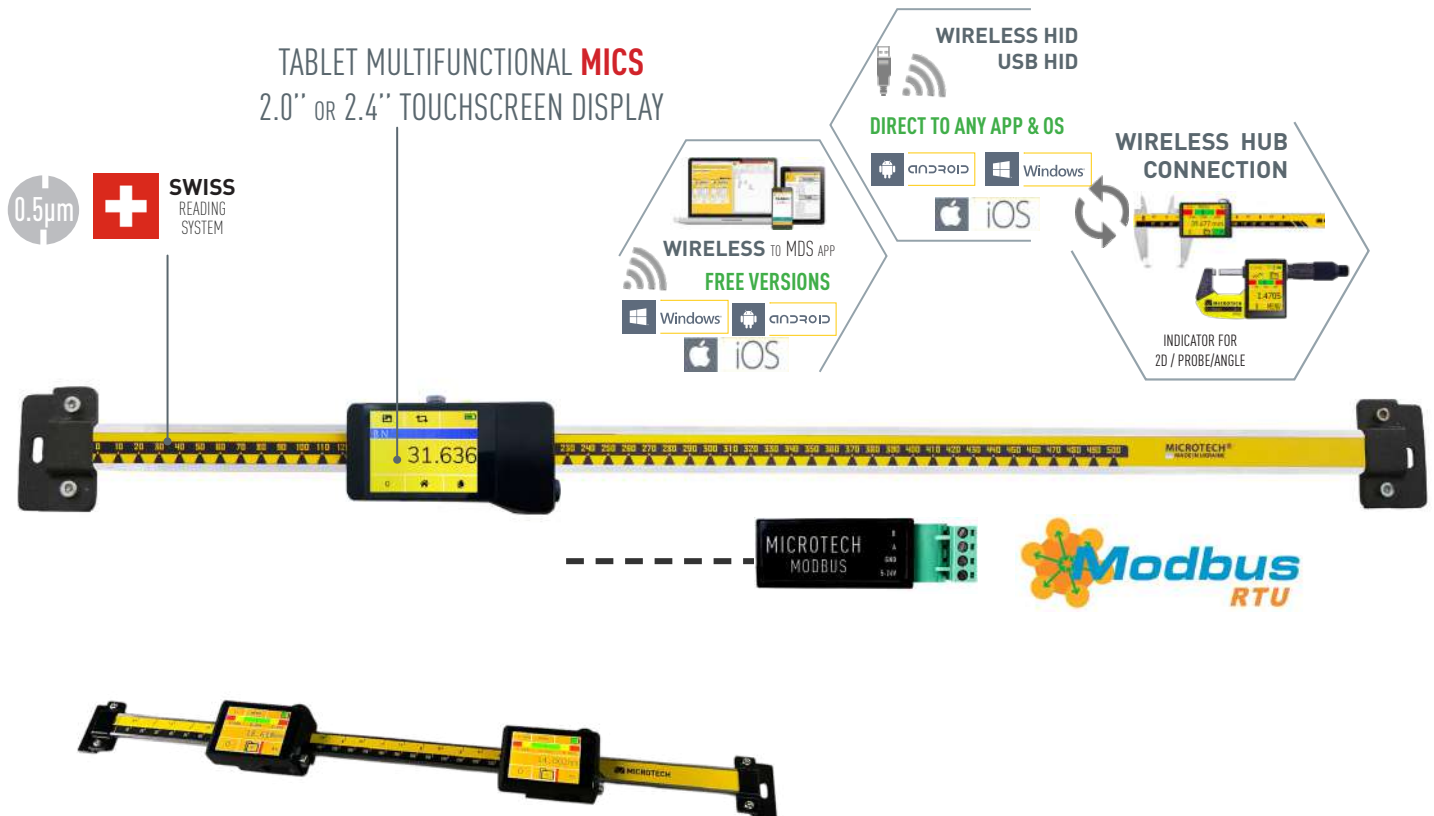

## DELIVERY SET



## OPTIONAL



- Industry 4.0 adopted linear scale with computerized MICS system (Patents US10184772, UA174949, UA126928)
- Modification with **MICRON** with **SWISS made reading system** resolution **1 micron** (0,0005/0,001/0,01/0,1mm selection)
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- RANGE up to 5000 mm
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification with **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))



**CUSTOM RANGE AND CONFIGURATION FOR REQUEST**

## DataMet FUNCTIONS

|                                    |                                   |                                       |                                      |                                        |                                              |
|------------------------------------|-----------------------------------|---------------------------------------|--------------------------------------|----------------------------------------|----------------------------------------------|
| <p><b>ANALOG SCALE</b></p>         | <p><b>COLOR GO / NOGO</b></p>     | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>                  | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> |
| <p><b>GRAPHIC MODE 1D/2D</b></p>   | <p><b>MEMORY 2000 values</b></p>  | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p>      | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>                       |
| <p><b>DISPLAY &amp; ENERGY</b></p> | <p><b>RESOLUTION, mm/inch</b></p> | <p><b>WIRELESS to MDS app</b></p>     | <p><b>WIRELESS &amp; USB HID</b></p> | <p><b>HUB mode (2D, Probe)</b></p>     | <p><b>DEVICE INFO, UPDATE</b></p>            |

| Item No   | Range  |        | Reso-<br>lution | Accu-<br>racy | Protection | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory             | WIRELESS         | USB              |
|-----------|--------|--------|-----------------|---------------|------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------------------|------------------|------------------|
|           | mm     | inch   | mm              | μm            |            |               |         |              |        |         |         |         |       |           |             |             |          |                    |                  |                  |
| 142501140 | 0-150  | 0-6"   | 0,005           | ±10           | IP54       |               |         |              | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val | Long range / HID | USB HID / Update |
| 142502140 | 0-200  | 0-8"   |                 | ±15           |            |               |         |              | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 142503140 | 0-300  | 0-12"  |                 | ±20           |            |               |         |              | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 142505140 | 0-500  | 0-20"  | 0,01            | ±30           |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 142506140 | 0-600  | 0-24"  |                 | ±30           |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 142510140 | 0-1000 | 0-40"  |                 | ±40           |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 142515140 | 0-1500 | 0-60"  |                 | ±50           |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 142520140 | 0-2000 | 0-80"  |                 | ±60           |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 142525140 | 0-2500 | 0-100" |                 | ±70           |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 142530140 | 0-3000 | 0-120" |                 | ±80           |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 142540140 | 0-4000 | 0-160" |                 | ±100          |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 142550140 | 0-5000 | 0-200" |                 | ±110          |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |

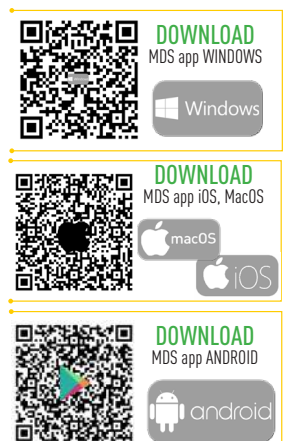
## MICRON DataMet READOUT LINEAR SCALE

| Item No   | Range  |       | Reso-<br>lution | Accu-<br>racy | Protection | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory             | WIRELESS         | USB              |
|-----------|--------|-------|-----------------|---------------|------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------------------|------------------|------------------|
|           | mm     | inch  | mm              | μm            |            |               |         |              |        |         |         |         |       |           |             |             |          |                    |                  |                  |
| 142501141 | 0-150  | 0-6"  | 0,0005          | ±8            | IP54       | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val | Long range / HID | USB HID / Update |
| 142502141 | 0-200  | 0-8"  |                 | ±12           |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 142503141 | 0-300  | 0-12" |                 | ±15           |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 142505141 | 0-500  | 0-20" |                 | ±20           |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 142506141 | 0-600  | 0-24" |                 | ±20           |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 142510141 | 0-1000 | 0-40" |                 | ±30           |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 142515141 | 0-1500 | 0-60" |                 | ±35           |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 142520141 | 0-2000 | 0-80" |                 | ±40           |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |



## MODBUS MICRON DataMet READOUT LINEAR SCALE

| Item No    | Range  |       | Reso-<br>lution | Accu-<br>racy | Protection | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory             | WIRELESS         | USB              | MODBUS |
|------------|--------|-------|-----------------|---------------|------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------------------|------------------|------------------|--------|
|            | mm     | inch  | mm              | μm            |            |               |         |              |        |         |         |         |       |           |             |             |          |                    |                  |                  |        |
| 142501141M | 0-150  | 0-6"  | 0,0005          | ±8            | IP54       | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val | Long range / HID | USB HID / Update | •      |
| 142502141M | 0-200  | 0-8"  |                 | ±12           |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  | •      |
| 142503141M | 0-300  | 0-12" |                 | ±15           |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  | •      |
| 142505141M | 0-500  | 0-20" |                 | ±20           |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  | •      |
| 142506141M | 0-600  | 0-24" |                 | ±20           |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  | •      |
| 142510141M | 0-1000 | 0-40" |                 | ±30           |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  | •      |
| 142515141M | 0-1500 | 0-60" |                 | ±35           |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  | •      |
| 142520141M | 0-2000 | 0-80" |                 | ±40           |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  | •      |



## DELIVERY SET



## OPTIONAL





BUILT-IN MULTIMODE **WIRELESS** DATA TRANSFER MODULE

WIRELESS HID  
USB HID  
DIRECT TO ANY APP & OS  
Android Windows iOS

WIRELESS TO MDS APP  
FREE VERSIONS  
Windows Android iOS



10x

7" MICROSCOPE WITH LED LIGHTING

CUSTOM RANGE AND CONFIGURATION FOR REQUEST



## SwissMet IP67 FUNCTIONS

|                                    |                                 |                                               |
|------------------------------------|---------------------------------|-----------------------------------------------|
| <b>PrE</b><br>PRESET               | <b>Unit</b><br>mm/inch          | <b>Hold</b><br>HOLD                           |
| <b>SLEEP (SIS)</b><br>Auto ON/OFF  | <b>IP67</b><br>IP 67 (IEC60529) | <b>SWISS ELECTRONICS</b><br>Swiss electronics |
| <b>MDS APP</b><br>WIRELESS MDS app | <b>HID</b><br>WIRELESS HID      |                                               |

- **SwissMet** Linear scale with IP67 Swiss electronics
- Waterproof **IP67** Swiss electronics with 0,01 or 0.001mm resolution
- **Magnifier** 10x loupe with scale or **MICROSCOPE** with display (HD 7" display, 12Mp camera, 50-1200x adjustable, LED lighting, built in battery)
- **RANGE** up to 5000 mm
- **3 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- **Calibration** certificate included (ISO17025 (Ilac MRA))

## SWISSMET IP67 READOUT LINEAR SCALE MAGNIFIER

| Item No   | Range  |        | Reso-<br>lution | Accu-<br>racy | Vision        | Protection | Preset | Max/Min |
|-----------|--------|--------|-----------------|---------------|---------------|------------|--------|---------|
|           | mm     | inch   | mm              | µm            |               |            |        |         |
| 142503150 | 0-300  | 0-12"  | 0,01            | ±20           | 10x magnifier | IP67       | •      | •       |
| 142505150 | 0-500  | 0-20"  |                 | ±30           |               |            | •      | •       |
| 142506150 | 0-600  | 0-24"  |                 | ±30           |               |            | •      | •       |
| 142510150 | 0-1000 | 0-40"  |                 | ±40           |               |            | •      | •       |
| 142515150 | 0-1500 | 0-60"  |                 | ±50           |               |            | •      | •       |
| 142520150 | 0-2000 | 0-80"  |                 | ±70           |               |            | •      | •       |
| 142525150 | 0-2500 | 0-100" |                 | ±70           |               |            | •      | •       |
| 142530150 | 0-3000 | 0-120" |                 | ±80           |               |            | •      | •       |
| 142540150 | 0-4000 | 0-160" |                 | ±100          |               |            | •      | •       |
| 142550150 | 0-5000 | 0-200" |                 | ±110          |               |            | •      | •       |



SwissMet  
interface



CONNECTION  
possibilities



VIDEO

## MICRON WIRELESS SWISSMET IP67 READOUT LINEAR SCALE MAGNIFIER

| Item No   | Range  |       | Reso-<br>lution | Accu-<br>racy | Vision        | Protection | Preset | Max/Min | WIRELESS |
|-----------|--------|-------|-----------------|---------------|---------------|------------|--------|---------|----------|
|           | mm     | inch  | mm              | µm            |               |            |        |         |          |
| 142503151 | 0-300  | 0-12" | 0,001           | ±15           | 10x magnifier | IP67       | •      | •       | •        |
| 142505151 | 0-500  | 0-20" |                 | ±20           |               |            | •      | •       | •        |
| 142506151 | 0-600  | 0-24" |                 | ±20           |               |            | •      | •       | •        |
| 142510151 | 0-1000 | 0-40" |                 | ±30           |               |            | •      | •       | •        |
| 142515151 | 0-1500 | 0-60" |                 | ±40           |               |            | •      | •       | •        |
| 142520151 | 0-2000 | 0-80" |                 | ±50           |               |            | •      | •       | •        |

## MICRON WIRELESS SWISSMET IP67 READOUT LINEAR SCALE MICROSCOPE

| Item No   | Range  |       | Reso-<br>lution | Accu-<br>racy | Vision                                        | Protection | Preset | Max/Min | WIRELESS |
|-----------|--------|-------|-----------------|---------------|-----------------------------------------------|------------|--------|---------|----------|
|           | mm     | inch  | mm              | µm            |                                               |            |        |         |          |
| 142503172 | 0-300  | 0-12" | 0,001           | ±15           | microscope<br>7" display<br>12Mp<br>50-1200x. | IP67       | •      | •       | •        |
| 142505172 | 0-500  | 0-20" |                 | ±20           |                                               |            | •      | •       | •        |
| 142505172 | 0-600  | 0-24" |                 | ±20           |                                               |            | •      | •       | •        |
| 142510172 | 0-1000 | 0-40" |                 | ±30           |                                               |            | •      | •       | •        |
| 142515172 | 0-1500 | 0-60" |                 | ±40           |                                               |            | •      | •       | •        |
| 142520172 | 0-2000 | 0-80" |                 | ±50           |                                               |            | •      | •       | •        |



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MDS app WINDOWS



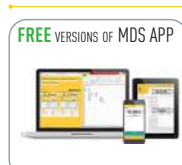
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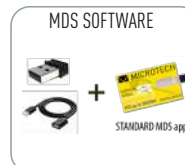
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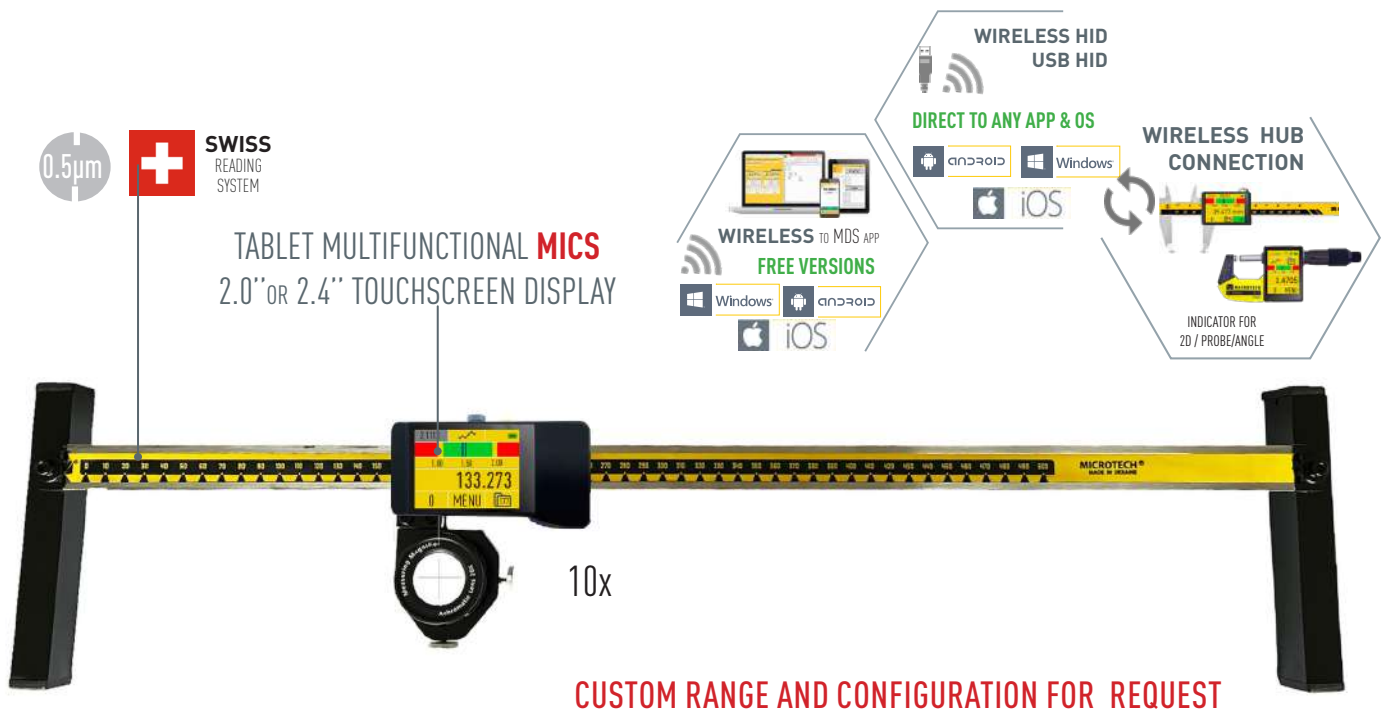


## DELIVERY SET



## OPTIONAL





## DATAmet FUNCTIONS



- Industry 4.0 adopted linear scale with computerized MICS system (Patents US10184772, UA174949, UA126928)
- **SWISS made reading system** resolution **0.5 micron** (0,0005/0,001/0,01/0,1mm selection)
- **STANDARD** 0.01mm resolution reading system for big ranges
- **Magnifier** 10x loupe with scale
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**, **USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

| Item No   | Range  |        | Reso-<br>lution | Accu-<br>racy | Vision        | Protection | 2D connection | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory   | Folders | WIRELESS | USB HID | MODBUS |
|-----------|--------|--------|-----------------|---------------|---------------|------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|----------|---------|----------|---------|--------|
|           | mm     | inch   | mm              | µm            |               |            |               |         |              |        |         |         |         |       |           |             |             |          |          |         |          |         |        |
| 142503157 | 0-300  | 0-12"  | 0,0005          | ±12           | 10x magnifier | IP54       | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | 2000 val | •       | •        | •       | OPTION |
| 142505157 | 0-500  | 0-20"  |                 | ±15           |               |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |        |
| 142506157 | 0-600  | 0-24"  |                 | ±20           |               |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |        |
| 142508157 | 0-800  | 0-32"  |                 | ±20           |               |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |        |
| 142510157 | 0-1000 | 0-40"  |                 | ±25           |               |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |        |
| 142515157 | 0-1500 | 0-60"  |                 | ±30           |               |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |        |
| 142520157 | 0-2000 | 0-80"  |                 | ±40           |               |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |        |
| 142525155 | 0-2500 | 0-100" | 0,01            | ±50           |               |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |        |
| 142530155 | 0-3000 | 0-120" |                 | ±60           |               |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |        |
| 142540155 | 0-4000 | 0-160" |                 | ±80           |               |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |        |
| 142550155 | 0-5000 | 0-200" |                 | ±100          |               |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |        |



DataMet interface



CONNECTION possibilities



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DOWNLOAD MDS app ANDROID



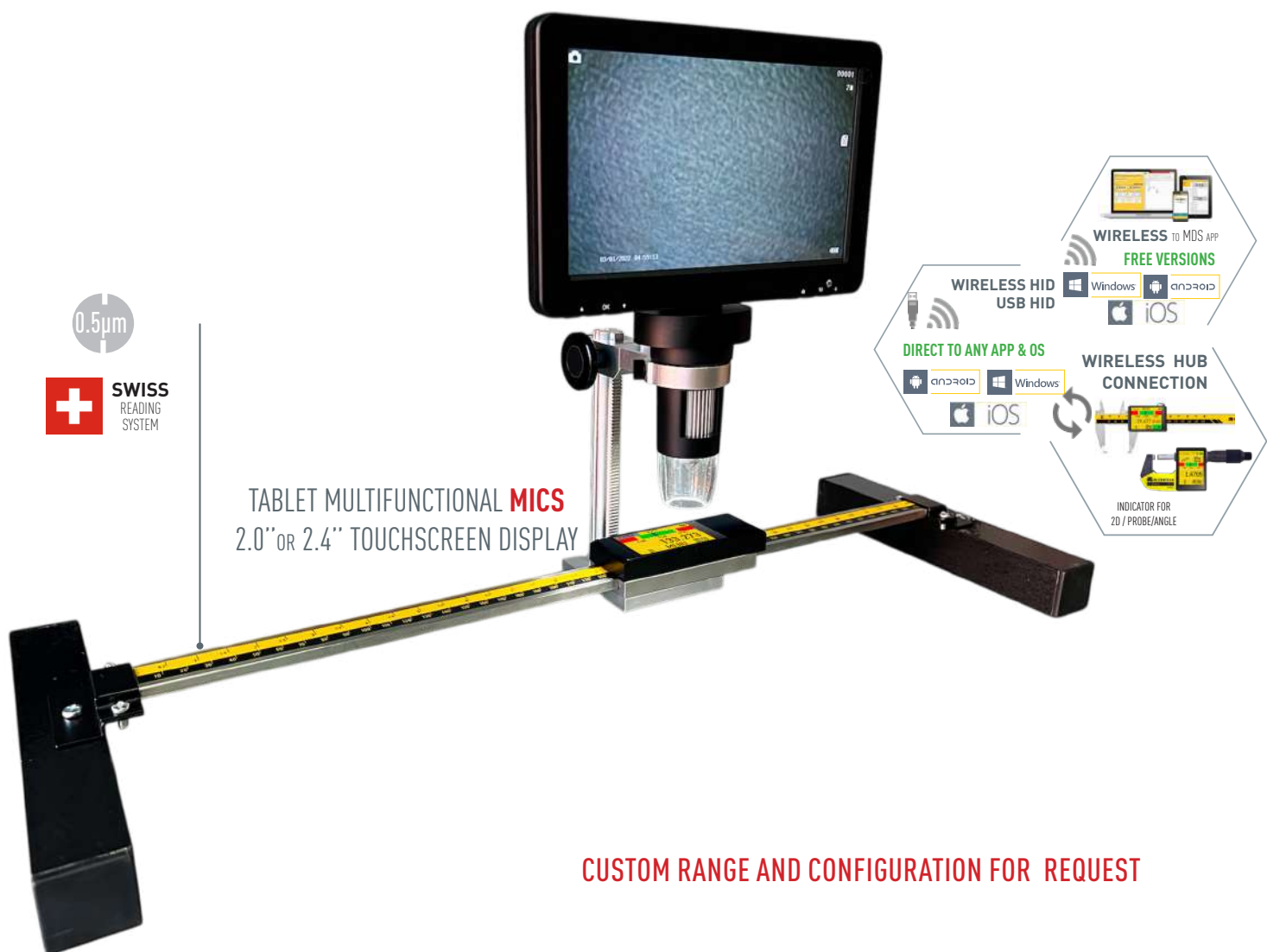
## DELIVERY SET



## OPTIONAL

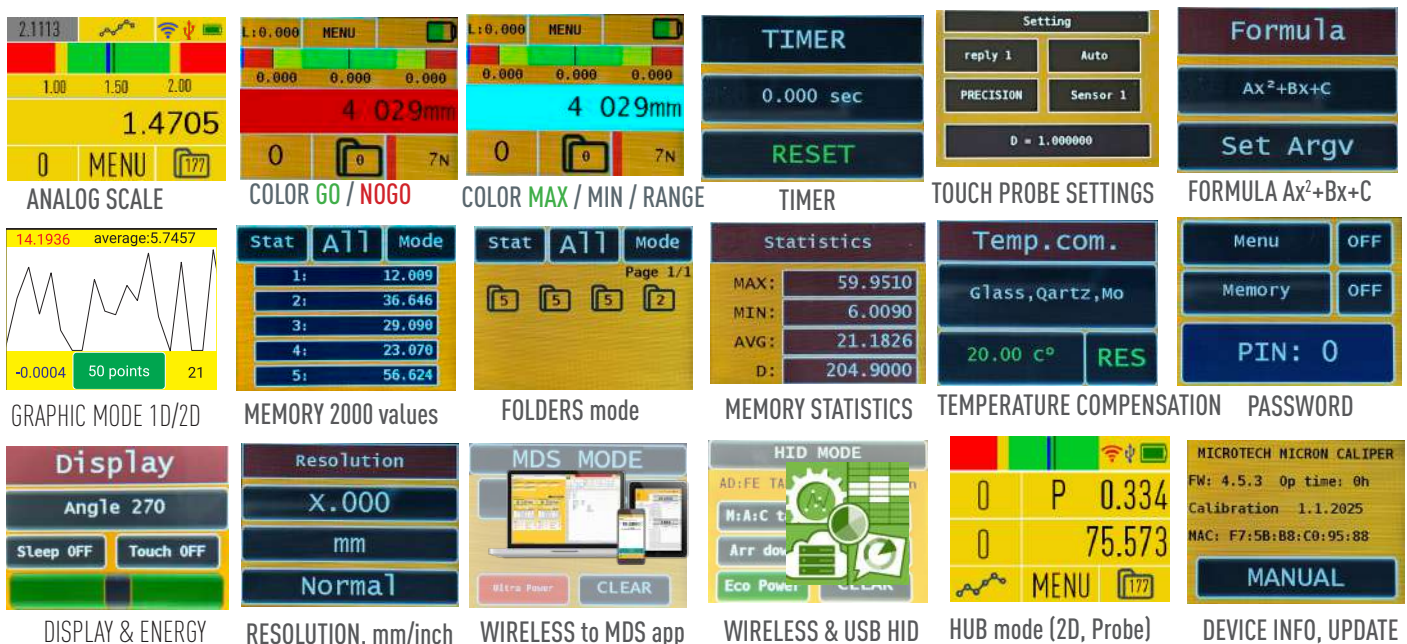






CUSTOM RANGE AND CONFIGURATION FOR REQUEST

## DATA MET FUNCTIONS



- Industry 4.0 adopted linear scale with computerized MICS system (Patents US10184772, UA174949, UA126928)
- MICRON with **SWISS made reading system** resolution **0.5 micron** (0,0005/0,001/0,01/0,1mm selection)
- STANDARD 0.01mm resoltuoin reading system for big ranges
- MICROSCOPE with display (HD 7" display, 12Mp camera, 50-1200x adjustable, LED lighting, built in battery)
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID

| Item No   | Range  |        | Reso-<br>lution | Accu-<br>racy | Vision                                       | Protection | 2D connection | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory   | Folders | WIRELESS | USB HID | MODBUS |
|-----------|--------|--------|-----------------|---------------|----------------------------------------------|------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|----------|---------|----------|---------|--------|
|           | mm     | inch   | mm              | µm            |                                              |            |               |         |              |        |         |         |         |       |           |             |             |          |          |         |          |         |        |
| 142503177 | 0-300  | 0-12"  | 0,0005          | ±12           | microscope<br>7" display<br>12Mp<br>50-1200x | IP54       | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | 2000 val | •       | •        | •       | OPTION |
| 142505177 | 0-500  | 0-20"  |                 | ±15           |                                              |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |        |
| 142506177 | 0-600  | 0-24"  |                 | ±20           |                                              |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |        |
| 142508177 | 0-800  | 0-32"  |                 | ±20           |                                              |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |        |
| 142510177 | 0-1000 | 0-40"  |                 | ±25           |                                              |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |        |
| 142515177 | 0-1500 | 0-60"  | 0,01            | ±30           |                                              |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |        |
| 142520177 | 0-2000 | 0-80"  |                 | ±40           |                                              |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |        |
| 142525175 | 0-2500 | 0-100" |                 | ±50           |                                              |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |        |
| 142530175 | 0-3000 | 0-120" |                 | ±60           |                                              |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |        |
| 142540175 | 0-4000 | 0-160" |                 | ±80           |                                              |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |        |
| 142550175 | 0-5000 | 0-200" |                 | ±100          |                                              |            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |        |

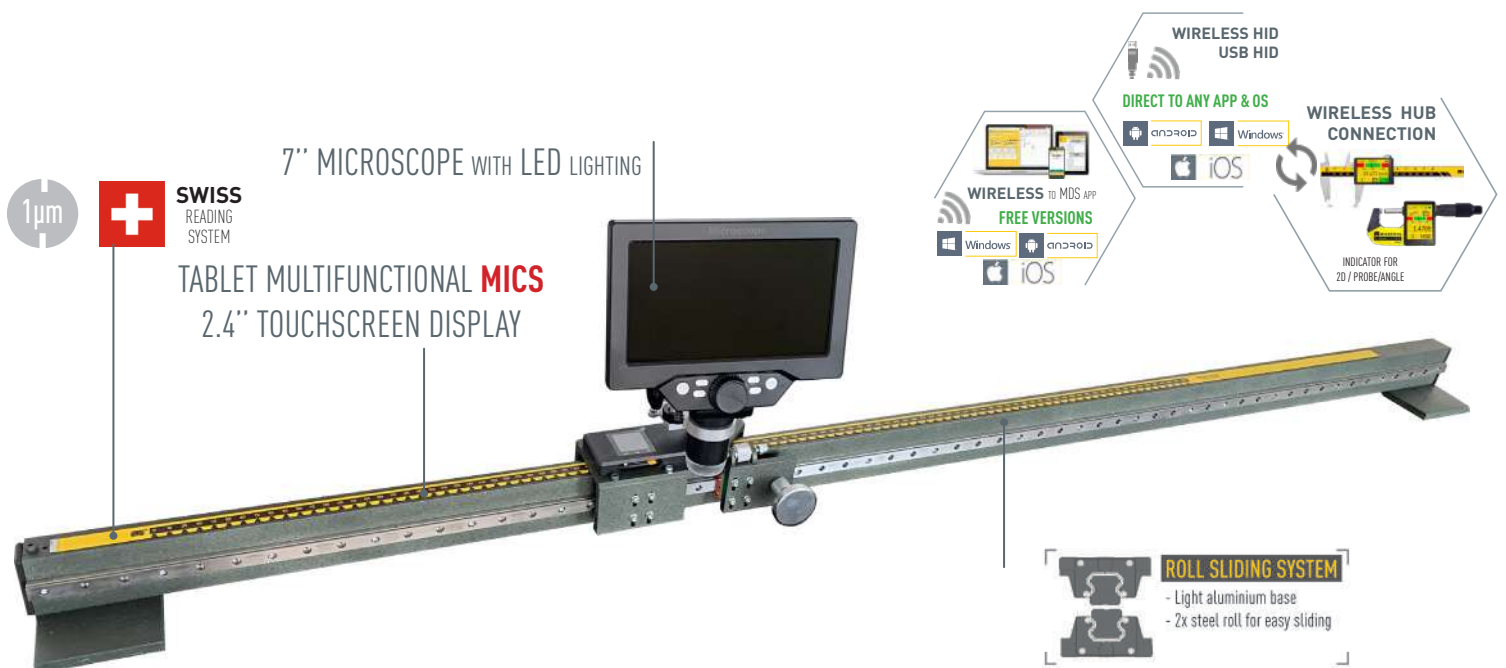


## DELIVERY SET



## OPTIONAL





**CUSTOM RANGE AND CONFIGURATION FOR REQUEST**

## DATAmet FUNCTIONS





- Industry 4.0 adopted linear scale with computerized MICS system (Patents US10184772, UA174949, UA126928)
- ROLL SLIDING SYSTEM
- MICROSCOPE with display (HD 7" display, 12Mp camera, 50-1200x adjustable, LED lighting, built in battery)
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- RANGE up to 3500 mm
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No   | Range  |        | Reso-<br>lution | Accu-<br>racy | Vision                                       | Roll system | Fine adjust | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory   | Folders | WIRELESS | USB HID |
|-----------|--------|--------|-----------------|---------------|----------------------------------------------|-------------|-------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|----------|---------|----------|---------|
|           | mm     | inch   | mm              | μm            |                                              |             |             |               |         |              |        |         |         |         |       |           |             |             |          |          |         |          |         |
| 142505158 | 0-500  | 0-20"  | 0,0002          | ±10           | microscope<br>7" display<br>12Mp<br>50-1200x | •           | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | 2000 val | •       | •        | •       |
| 142506158 | 0-600  | 0-24"  |                 | ±10           |                                              | •           | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |
| 142508158 | 0-800  | 0-32"  |                 | ±12           |                                              | •           | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |
| 142510158 | 0-1000 | 0-40"  |                 | ±15           |                                              | •           | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |
| 142511158 | 0-1150 | 0-46"  |                 | ±16           |                                              | •           | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |
| 142515158 | 0-1500 | 0-60"  |                 | ±20           |                                              | •           | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |
| 142520158 | 0-2000 | 0-80"  |                 | ±25           |                                              | •           | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |
| 142525158 | 0-2500 | 0-100" |                 | ±30           |                                              | •           | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |
| 142530158 | 0-3000 | 0-120" |                 | ±35           |                                              | •           | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |
| 142535158 | 0-3500 | 0-140" |                 | ±40           |                                              | •           | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |          | •       | •        | •       |



DataMet  
interface



CONNECTION  
possibilities



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MDS app ANDROID



## DELIVERY SET

FREE VERSIONS OF MDS APP



CALIBRATION PROTOCOL

USB DATA/CHARGING  
CABLE



## OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



STANDARD MDS app



- **SwissMet** digital Bore calipers for bore reading without removing the bar
- Digital Waterproof **IP67** Swiss electronics with 0.01 or 0.001 mm resolution
- Modification with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

**IP67**



**SWISS**  
ELECTRONICS



| Item No                             | Range    |         |          |       | Reso-<br>lution | Accu-<br>racy | Jaws |       | Protection | Preset | mm/inch | Auto on/off | WIRELESS |
|-------------------------------------|----------|---------|----------|-------|-----------------|---------------|------|-------|------------|--------|---------|-------------|----------|
|                                     | Internal |         | External |       |                 |               | Down | Depth |            |        |         |             |          |
|                                     | mm       | inch    | mm       | inch  |                 |               |      |       |            |        |         |             |          |
| 141851123                           | 22-300   | 0.9-12" | 0-300    | 0-6"  | 0,01            | ±40           | 40   | 50    | IP-67      | •      | •       | •           | •        |
| 141851153                           | 24-500   | 1-20"   | 0-500    | 0-20" |                 | ±50           | 100  | 60    |            | •      | •       | •           | •        |
| 141851163                           | 30-600   | 1.2-24" | 0-600    | 0-24" |                 | ±60           | 100  | 100   |            | •      | •       | •           | •        |
| 141851193                           | 40-1000  | 1.6-40" | 0-1000   | 0-40" |                 | ±90           | 150  | 150   |            | •      | •       | •           | •        |
| MICRON WIRELESS MICRON BORE CALIPER |          |         |          |       |                 |               |      |       |            |        |         |             |          |
| 141851124                           | 22-300   | 0.9-12" | 0-300    | 0-6"  | 0,001           | ±30           | 40   | 50    | IP-67      | •      | •       | •           | •        |
| 141851154                           | 24-500   | 1-20"   | 0-500    | 0-20" |                 | ±40           | 100  | 60    |            | •      | •       | •           | •        |
| 141851164                           | 30-600   | 1.2-24" | 0-600    | 0-24" |                 | ±45           | 100  | 100   |            | •      | •       | •           | •        |
| 141851194                           | 40-1000  | 1.6-40" | 0-1000   | 0-40" |                 | ±70           | 150  | 150   |            | •      | •       | •           | •        |



**SwissMet**  
interface



**CONNECTION**  
possibilities



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Windows



**DOWNLOAD**  
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macOS  
iOS



**DOWNLOAD**  
MDS app ANDROID  
android

## DELIVERY SET

FREE VERSIONS OF MDS APP



CALIBRATION PROTOCOL

## OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



- Bore calipers for bore reading without removing the bar
- Computerized **MICS** indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- Calibration certificate included (ISO17025 (Ilac MRA))

0.5µm



SWISS  
READING  
SYSTEM



| Item No   | Range    |         |          |       | Reso-<br>lution | Accu-<br>racy | Jaws |       | Measuring HUB | Analog scale | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB |
|-----------|----------|---------|----------|-------|-----------------|---------------|------|-------|---------------|--------------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|
|           | Internal |         | External |       |                 |               | Down | Depth |               |              |         |        |         |         |         |       |           |             |             |          |        |          |     |
|           | mm       | inch    | mm       | inch  |                 |               | mm   | mm    |               |              |         |        |         |         |         |       |           |             |             |          |        |          |     |
| 141851128 | 22-300   | 0.9-12" | 0-300    | 0-6"  | 0,0005          | ±25           | 40   | 50    | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 141851158 | 24-500   | 1-20"   | 0-500    | 0-20" |                 | ±35           | 60   | 60    | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 141851168 | 30-600   | 1.2-24" | 0-600    | 0-24" |                 | ±40           | 90   | 100   | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |



DataMet  
interface



CONNECTION  
possibilities



DOWNLOAD  
MDS app WINDOWS



DOWNLOAD  
MDS app iOS, MacOS



DOWNLOAD  
MDS app ANDROID



## DELIVERY SET

FREE VERSIONS OF MDS APP



CALIBRATION PROTOCOL

USB DATA/CHARGING  
CABLE



## OPTIONAL

DATAmet BUTTON



DATAmet FOOTSWITCH



MDS DISPLAY UNIT



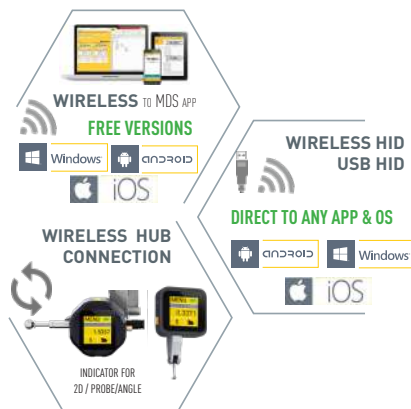
MDS SOFTWARE



STANDARD MDS app



8N FORCE LOW  
8N FORCE OK  
8N FORCE TOO HIGH



**3 FORCE MODES** (AUTO/STANDARD/INDICATION)  
 SELECTING FORCE 1-20N in MENU  
 COLOR FORCE STATUS INDICATION

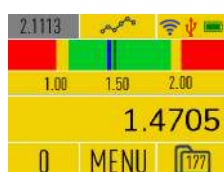
0.5µm



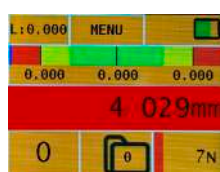
**SWISS**  
READING  
SYSTEM



## DATAmet FUNCTIONS



**ANALOG SCALE**



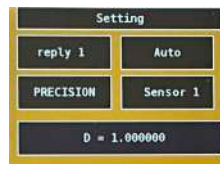
**COLOR GO / NOGO**



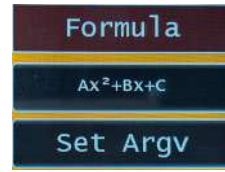
**COLOR MAX / MIN / RANGE**



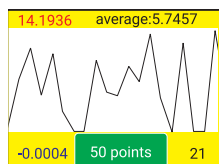
**TIMER**



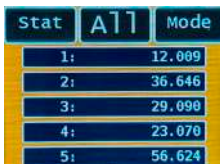
**TOUCH PROBE SETTINGS**



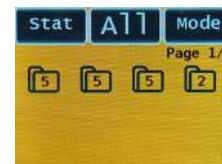
**FORMULA  $Ax^2+Bx+C$**



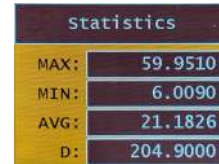
**GRAPHIC MODE 1D/2D**



**MEMORY 2000 values**



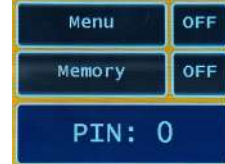
**FOLDERS mode**



**MEMORY STATISTICS**



**TEMPERATURE COMPENSATION**



**PASSWORD**



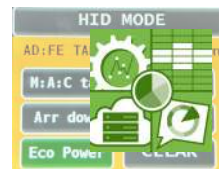
**DISPLAY & ENERGY**



**RESOLUTION, mm/inch**



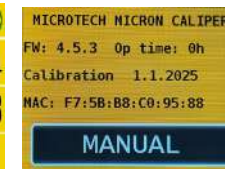
**WIRELESS to MDS app**



**WIRELESS & USB HID**



**HUB mode (2D, Probe)**



**DEVICE INFO, UPDATE**

- Industry 4.0 adopted Tablet Force height gauge with computerized MICS system with 2.4" color Touchscreen
- Patents US10184772, UA144230, UA126928, UA99686, UA2022050400
- **SWISS** reading system with **0.5 MICRON** resolution (0,0005/0,001/ 0,01/ 0,1 adjust)
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- E-Force control module with Force selection 1-20N, color indication, AUTO-Force mode
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No   | Range  |       | Resol. | Accur. | eForce control | Fine adjustment | 2D connect | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB |
|-----------|--------|-------|--------|--------|----------------|-----------------|------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|
|           | mm     | inch  | mm     | µm     |                |                 |            |               |         |              |        |         |         |         |       |           |             |             |          |        |          |     |
| 144303263 | 0-300  | 0-12" | 0,0005 | ±15    | 1-20N          | •               | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 144305263 | 0-500  | 0-20" |        | ±20    |                | •               | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 144310263 | 0-1000 | 0-40" |        | ±30    |                | •               | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 144315263 | 0-1500 | 0-60" |        | ±45    |                | •               | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 144320263 | 0-2000 | 0-80" |        | ±60    |                | •               | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |



DataMet interface



CONNECTION possibilities



VIDEO

## DELIVERY SET



SCRIBER



FREE VERSIONS OF MDS APP



USB DATA/CHARGING CABLE



CALIBRATION PROTOCOL



DOWNLOAD MDS app WINDOWS



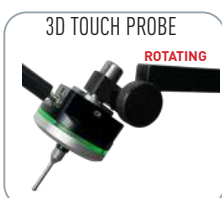
DOWNLOAD MDS app iOS, MacOS



DOWNLOAD MDS app ANDROID



## OPTIONS



3D TOUCH PROBE

ROTATING



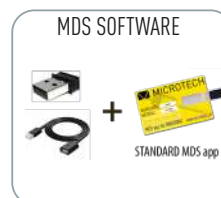
INDICATOR FOR 2D / PROBE/ANGLE



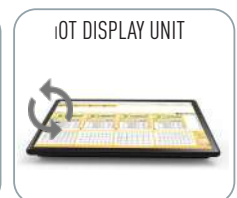
LEVER INDICATOR



IoT DATA BUTTON



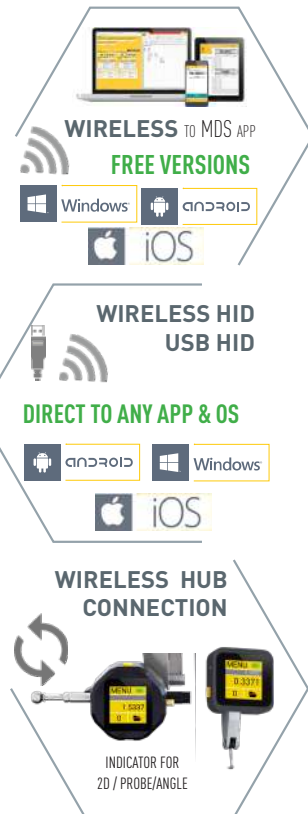
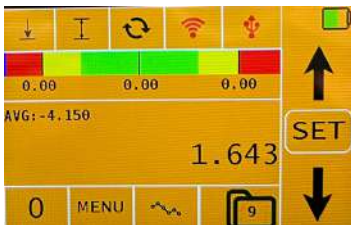
MDS SOFTWARE



IoT DISPLAY UNIT



TABLET MULTIFUNCTIONAL **MICS**  
3.5" TOUCHSCREEN DISPLAY



## DATAmet FUNCTIONS

|                                    |                                   |                                       |                                      |                                        |                                              |
|------------------------------------|-----------------------------------|---------------------------------------|--------------------------------------|----------------------------------------|----------------------------------------------|
| <p><b>ANALOG SCALE</b></p>         | <p><b>COLOR GO / NOGO</b></p>     | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>                  | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> |
| <p><b>GRAPHIC MODE 1D/2D</b></p>   | <p><b>MEMORY 2000 values</b></p>  | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p>      | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>                       |
| <p><b>DISPLAY &amp; ENERGY</b></p> | <p><b>RESOLUTION, mm/inch</b></p> | <p><b>WIRELESS to MDS app</b></p>     | <p><b>WIRELESS &amp; USB HID</b></p> | <p><b>HUB mode (2D, Probe)</b></p>     | <p><b>DEVICE INFO, UPDATE</b></p>            |

- Industry 4.0 adopted **DataMet** double column micron height gauge with computerized MICS system with 3.5" color Touchscreen
- Patents US10184772, UA144230, UA126928, UA2022050400
- Manual wheel with Fine adjustment
- Carbide-tipped scriber
- Bi-directional measuring
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula's, Timer, Linear correction, Temperature correction, FW update, Calibration date control, e-Link to manual and app download, Operating hours control
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Angle meaasuring
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, USB HID direct to any app
- Built-in rechargeable Li-Pol battery (charging through USB port).
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No   | Range  |       | Resolut. | Accur. | Manual wheel | Fine adjustment | Scriber | 1D Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Memory | FW update | WIRELESS MDS | WIRELESS HID | USB HID |
|-----------|--------|-------|----------|--------|--------------|-----------------|---------|------------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|--------|-----------|--------------|--------------|---------|
|           | mm     | inch  |          |        |              |                 |         |            |              |        |         |         |         |       |           |             |             |        |           |              |              |         |
| 144303271 | 0-300  | 0-12" | 0,001    | ±15    | •            | •               | •       | •          | •            | •      | •       | •       | •       | •     | •         | •           | •           | •      | •         | •            | •            | •       |
| 144306271 | 0-600  | 0-24" |          | ±20    | •            | •               | •       | •          | •            | •      | •       | •       | •       | •     | •         | •           | •           | •      | •         | •            | •            | •       |
| 144310271 | 0-1000 | 0-40" |          | ±30    | •            | •               | •       | •          | •            | •      | •       | •       | •       | •     | •         | •           | •           | •      | •         | •            | •            | •       |



DataMet interface

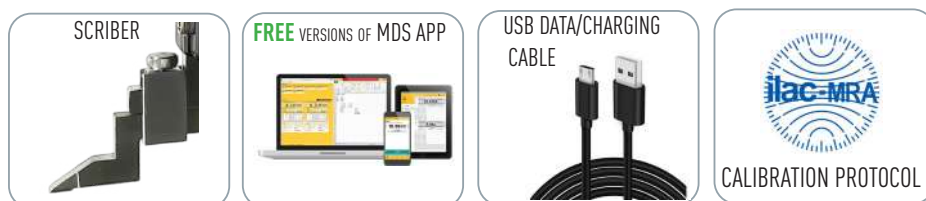


CONNECTION possibilities

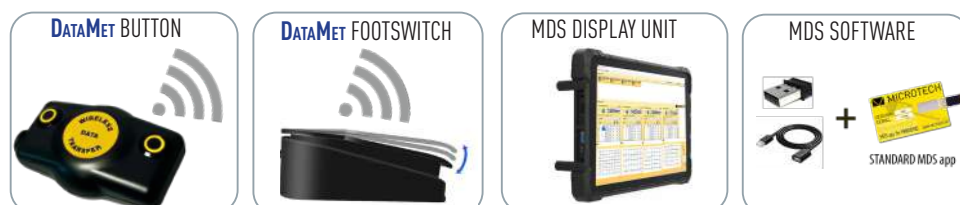


VIDEO

## DELIVERY SET



## OPTIONAL



DOWNLOAD MDS app WINDOWS



DOWNLOAD MDS app iOS, MacOS



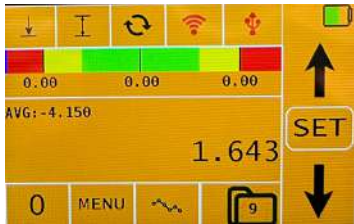
DOWNLOAD MDS app ANDROID



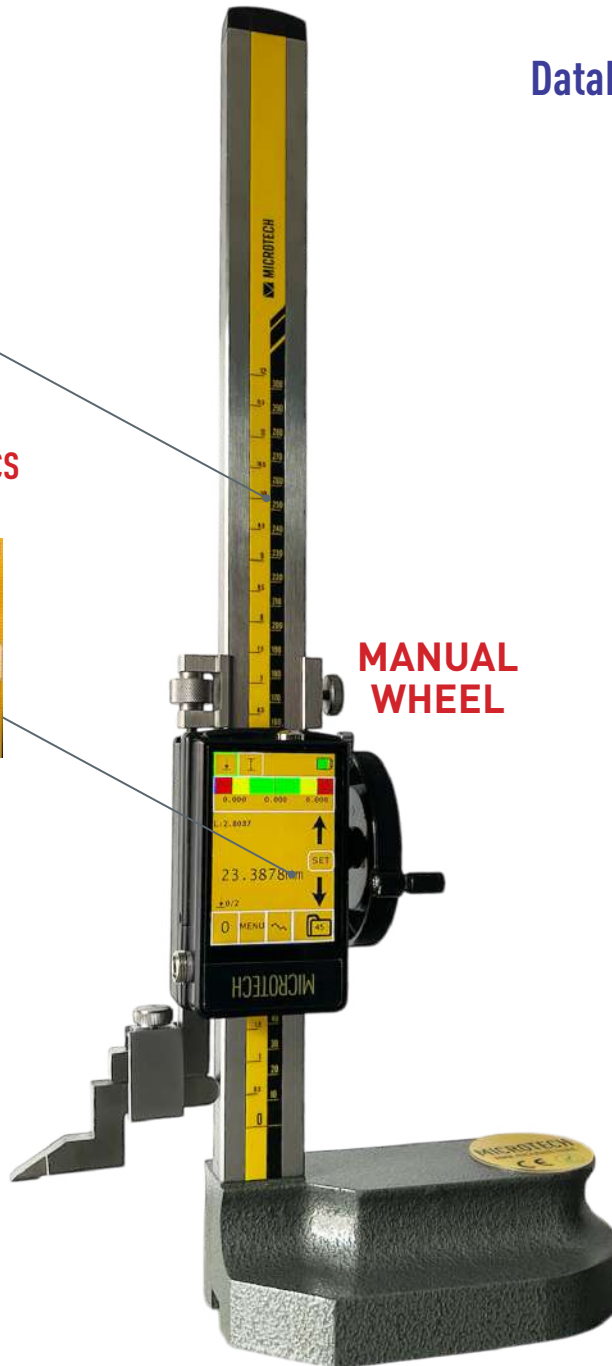


**SWISS**  
READING  
SYSTEM

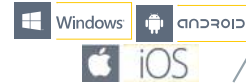
**TABLET MULTIFUNCTIONAL MICS**  
3.5" TOUCHSCREEN DISPLAY



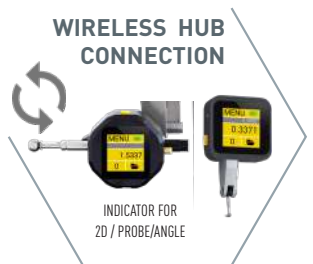
**MANUAL  
WHEEL**



**WIRELESS** TO MDS APP  
**FREE VERSIONS**



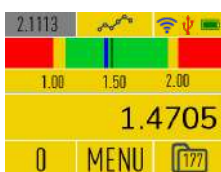
**DIRECT TO ANY APP & OS**



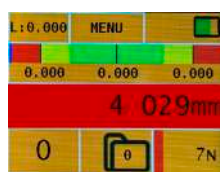
**WIRELESS HUB  
CONNECTION**

INDICATOR FOR  
2D / PROBE/ANGLE

## DATAmet FUNCTIONS



**ANALOG SCALE**



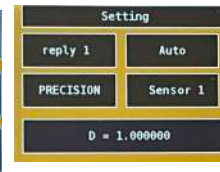
**COLOR GO / NOGO**



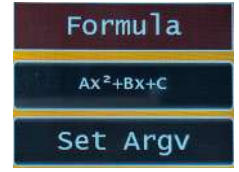
**COLOR MAX / MIN / RANGE**



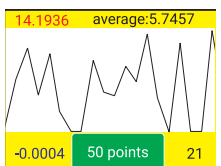
**TIMER**



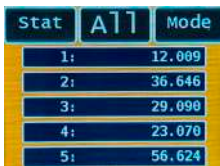
**TOUCH PROBE SETTINGS**



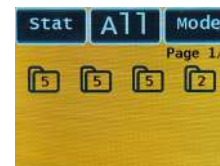
**FORMULA  $Ax^2+Bx+C$**



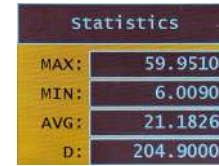
**GRAPHIC MODE 1D/2D**



**MEMORY 2000 values**



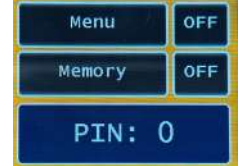
**FOLDERS mode**



**MEMORY STATISTICS**



**TEMPERATURE COMPENSATION**



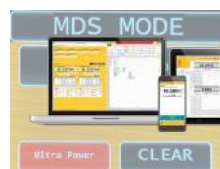
**PASSWORD**



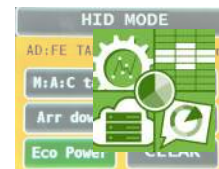
**DISPLAY & ENERGY**



**RESOLUTION, mm/inch**



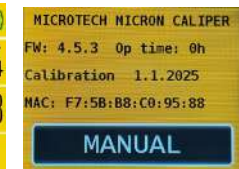
**WIRELESS to MDS app**



**WIRELESS & USB HID**



**HUB mode (2D, Probe)**



**DEVICE INFO, UPDATE**



- Industry 4.0 adopted **DataMet** height gauge with computerized **MICS** system with 3.5" color Touchscreen
- **SWISS** reading system with **0.5 MICRON** resolution (0,0005/0,001/ 0,01/ 0,1 adjust)
- Manual wheel with Fine adjustment
- Carbide-tipped scriber
- Optional 5-axis Touch-trigger Probe with interchangeable stylus on holder arm with rotation.
- Optional COMPUTERIZED indicator for contact **2D measurings/ANGLE measurings**
- Bi-directional measuring
- **Patents** US10184772, UA144230, UA126928, UA2022050400
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula's, Timer, Linear correction, Temperature correction, FW update, Calibration date control, e-Link to manual and app download, Operating hours control
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Angle meaasuring
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **DATA TRANSFER:** **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, USB HID** direct to any app
- **Built-in rechargeable Li-Pol battery** (charging through USB port).
- **Calibration** certificate included (ISO17025 (Ilac MRA))

| Item No   | Range  |       | Resolut. | Accur. | Manual wheel | Fine adjustment | Scriber | 3D Touch Probe | Probe holder | COMP Indicator | 2D measuring | Angle measuring | 1D Graphic | 2D Profile | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Memory | FW update | WIRELESS MDS | WIRELESS HID | USB HID |
|-----------|--------|-------|----------|--------|--------------|-----------------|---------|----------------|--------------|----------------|--------------|-----------------|------------|------------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|--------|-----------|--------------|--------------|---------|
|           | mm     | inch  |          |        |              |                 |         |                |              |                |              |                 |            |            |              |        |         |         |         |       |           |             |             |        |           |              |              |         |
| 144303280 | 0-300  | 0-12" | 0,0005   | ±15    | •            | •               | •       | option         | option       | option         | option       | option          | •          | option     | •            | •      | •       | •       | •       | •     | •         | •           | •           | •      | •         | •            | •            | •       |
| 144306280 | 0-600  | 0-24" |          | ±20    | •            | •               | •       | option         | option       | option         | option       | option          | •          | option     | •            | •      | •       | •       | •       | •     | •         | •           | •           | •      | •         | •            | •            | •       |
| 144310280 | 0-1000 | 0-40" |          | ±25    | •            | •               | •       | option         | option       | option         | option       | option          | •          | option     | •            | •      | •       | •       | •       | •     | •         | •           | •           | •      | •         | •            | •            | •       |



DOWNLOAD  
MDS app WINDOWS

Windows



DOWNLOAD  
MDS app iOS, MacOS

macOS  
iOS



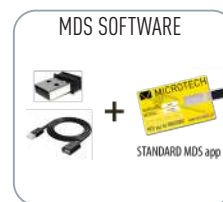
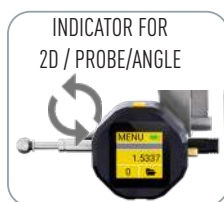
DOWNLOAD  
MDS app ANDROID

android

## DELIVERY SET



## OPTIONS

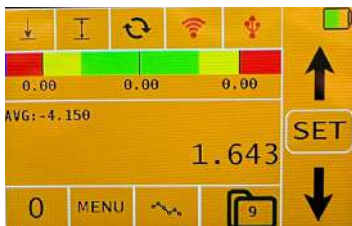






**SWISS**  
READING  
SYSTEM

**TABLET MULTIFUNCTIONAL MICS**  
3.5" TOUCHSCREEN DISPLAY



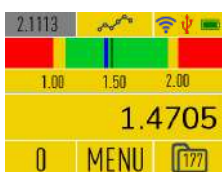
TOUCH PROBE &  
SCRIBER IN SET

BI-DIRECTIONAL MEASURING

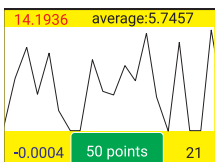
**MANUAL  
WHEEL**



## DATA MET FUNCTIONS



ANALOG SCALE



GRAPHIC MODE 10/2D



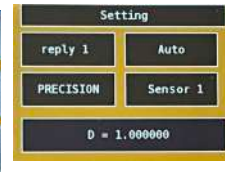
COLOR GO / NOGO



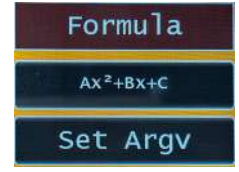
COLOR MAX / MIN / RANGE



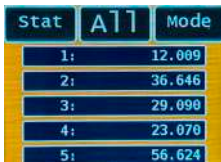
TIMER



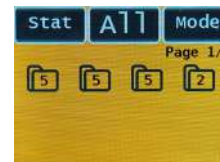
TOUCH PROBE SETTINGS



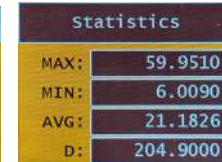
FORMULA  $Ax^2+Bx+C$



MEMORY 2000 values



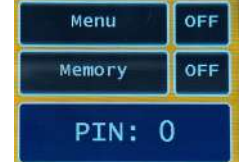
FOLDERS mode



MEMORY STATISTICS



TEMPERATURE COMPENSATION



PASSWORD



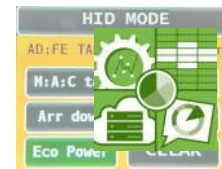
DISPLAY & ENERGY



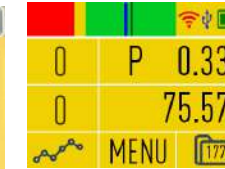
RESOLUTION, mm/inch



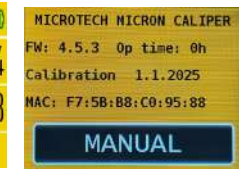
WIRELESS to MDS app



WIRELESS & USB HID



HUB mode (2D, Probe)



DEVICE INFO, UPDATE

- Industry 4.0 adopted TOUCH PROBE **DataMet** height gauge with computerized **MICS** system with 3.5" color Touchscreen
- **SWISS** reading system with **0.5 MICRON** resolution (0,0005/0,001/ 0,01/ 0,1 adjust)
- Manual wheel with Fine adjustment
- 5-axis Touch-trigger Probe with interchangeable stylus on holder arm with rotation.
- Carbide-tipped scriber can be installed (in DELIVERY SET)
- Optional COMPUTERIZED indicator for contact **2D** measurements/**ANGLE** measurements
- Bi-directional measuring
- Patents US10184772, UA144230, UA126928, UA2022050400
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula's, Timer, Linear correction, Temperature correction, FW update, Calibration date control, e-Link to manual and app download, Operating hours control
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Angle measuring
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **DATA TRANSFER:** **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **USB HID** direct to any app
- Built-in rechargeable Li-Pol battery (charging through USB port).
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No   | Range  |       | Resolut.      | Accur. | Manual wheel | Fine adjustment | Scriber | 3D Touch Probe | Probe holder | COMP Indicator | 2D measuring | Angle measuring | 1D Graphic | 2D Profile | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Memory | FW update | WIRELESS MDS | WIRELESS HID | USB HID |
|-----------|--------|-------|---------------|--------|--------------|-----------------|---------|----------------|--------------|----------------|--------------|-----------------|------------|------------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|--------|-----------|--------------|--------------|---------|
|           | mm     | inch  | mm            | µm     |              |                 |         |                |              |                |              |                 |            |            |              |        |         |         |         |       |           |             |             |        |           |              |              |         |
| 144303281 | 0-300  | 0-12" |               | ±10    | •            | •               | •       | •              | •            |                |              |                 | •          |            | •            | •      | •       | •       | •       | •     | •         | •           | •           | •      | •         | •            | •            | •       |
| 144306281 | 0-600  | 0-24" | <b>0,0005</b> | ±15    | •            | •               | •       | •              | •            | option         | option       | option          | •          | option     |              |        |         |         |         |       |           |             |             |        |           |              |              |         |
| 144310281 | 0-1000 | 0-40" |               | ±20    | •            | •               | •       | •              | •            |                |              |                 | •          |            | •            | •      | •       | •       | •       | •     | •         | •           | •           | •      | •         | •            | •            | •       |



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MDS app WINDOWS



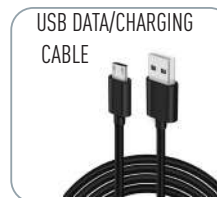
DOWNLOAD  
MDS app iOS, MacOS



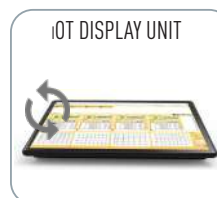
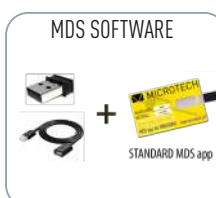
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MDS app ANDROID



## DELIVERY SET



## OPTIONS





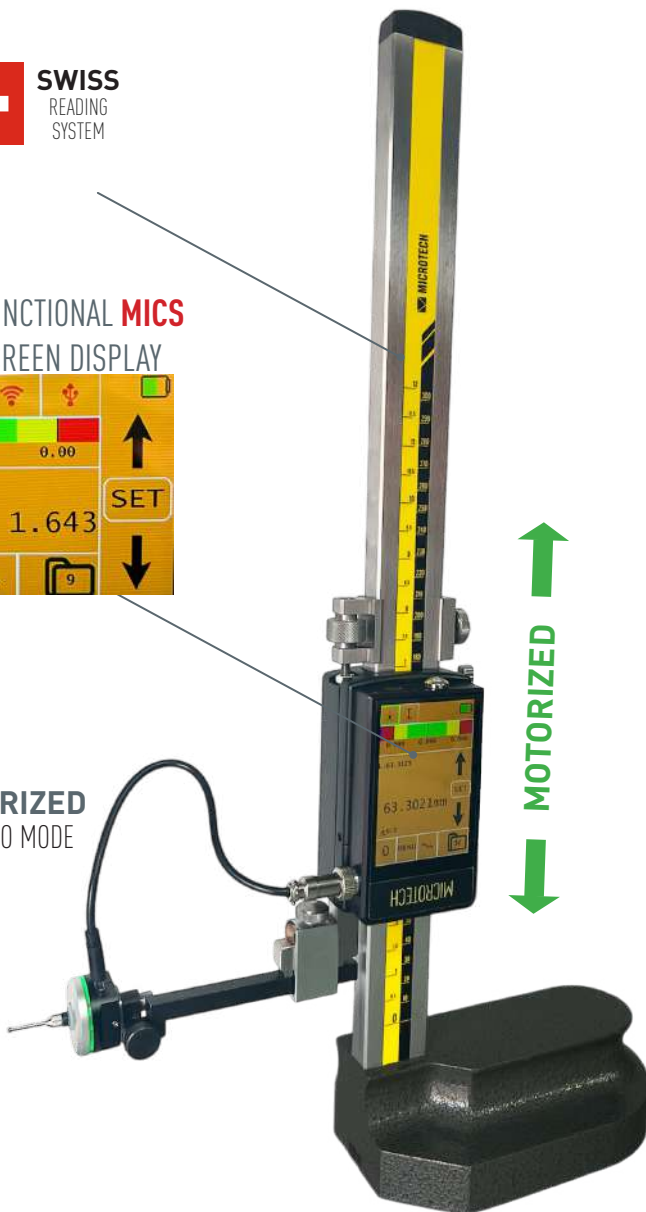


**SWISS**  
READING  
SYSTEM

**TABLET MULTIFUNCTIONAL MICS**  
**3.5" TOUCHSCREEN DISPLAY**



**MOTORIZED**  
WITH AUTO MODE



**MOTORIZED**



**WIRELESS TO MDS APP**  
**FREE VERSIONS**



**WIRELESS HID**  
**USB HID**

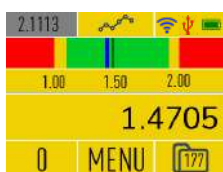


**WIRELESS HUB**  
**CONNECTION**



**OPTIONAL**  
**MULTIFUNCTIONAL**  
**REMOTE PANEL**  
144300002

## DATAmet FUNCTIONS



**ANALOG SCALE**



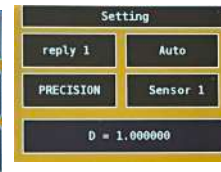
**COLOR GO / NOGO**



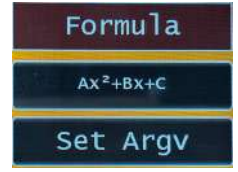
**COLOR MAX / MIN / RANGE**



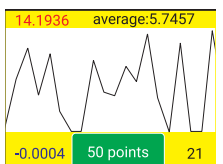
**TIMER**



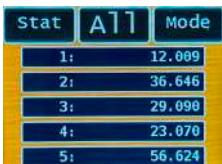
**TOUCH PROBE SETTINGS**



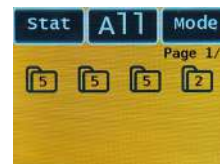
**FORMULA  $Ax^2+Bx+C$**



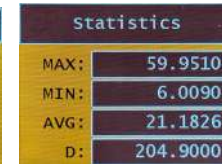
**GRAPHIC MODE 1D/2D**



**MEMORY 2000 values**



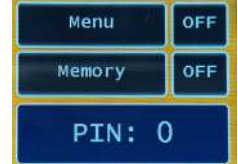
**FOLDERS mode**



**MEMORY STATISTICS**



**TEMPERATURE COMPENSATION**



**PASSWORD**



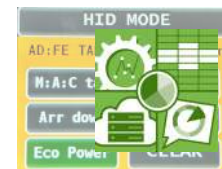
**DISPLAY & ENERGY**



**RESOLUTION, mm/inch**



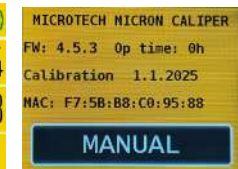
**WIRELESS to MDS app**



**WIRELESS & USB HID**



**HUB mode (2D, Probe)**



**DEVICE INFO, UPDATE**

- Industry 4.0 adopted **MOTORIZED** TOUCH PROBE **DataMet** height gauge with computerized **MICS** system with 3.5" color Touchscreen
- **SWISS** reading system with **0.5 MICRON** resolution (0,0005/0,001/ 0,01/ 0,1 adjust)
- **MOTORIZED** moving with 3 speed and AUTO measuring mode mode
- 5-axis Touch-trigger Probe with interchangeable stylus on holder arm with rotation.
- Carbide-tipped scriber can be installed (in DELIVERY SET)
- Optional COMPUTERIZED indicator for contact 2D measurings/ANGLE measurings
- Bi-directional measuring
- Patents US10184772, UA144230, UA126928, UA2022050400
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula's, Timer, Linear correction, Temperature correction, FW update, Calibration date control, e-Link to manual and app download, Operating hours control
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Angle meaasuring
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **DATA TRANSFER:** **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **USB HID** direct to any app
- Built-in rechargeable Li-Pol battery (charging through USB port).
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No   | Range  |       | Resolut. | Accur. | Motorized | Meas speed | Scriber | 3D Touch Probe | Probe holder | COMP Indicator | 2D measuring | Angle measuring | 1D Graphic | 2D Profile | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Memory | FW update | WIRELESS MDS | WIRELESS HID | USB HID |
|-----------|--------|-------|----------|--------|-----------|------------|---------|----------------|--------------|----------------|--------------|-----------------|------------|------------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|--------|-----------|--------------|--------------|---------|
|           | mm     | inch  |          |        |           |            |         |                |              |                |              |                 |            |            |              |        |         |         |         |       |           |             |             |        |           |              |              |         |
| 144303283 | 0-300  | 0-12" | 0,0005   | ±8     | •         | 3          | •       | •              | •            | option         | option       | option          | •          | option     | •            | •      | •       | •       | •       | •     | •         | •           | •           | •      | •         | •            | •            | •       |
| 144306283 | 0-600  | 0-24" |          | ±12    | •         | 3          | •       | •              | •            | option         | option       | option          | •          | option     | •            | •      | •       | •       | •       | •     | •         | •           | •           | •      | •         | •            | •            | •       |
| 144310283 | 0-1000 | 0-40" |          | ±15    | •         | 3          | •       | •              | •            | option         | option       | option          | •          | option     | •            | •      | •       | •       | •       | •     | •         | •           | •           | •      | •         | •            | •            | •       |



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macOS  
iOS



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android

## DELIVERY SET

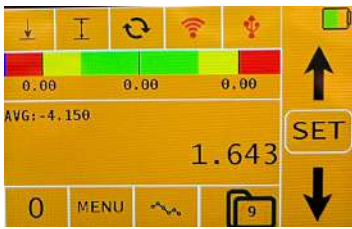


## OPTIONS

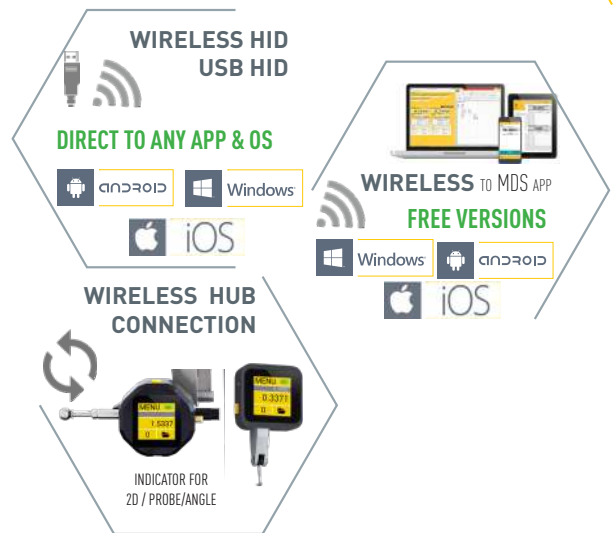




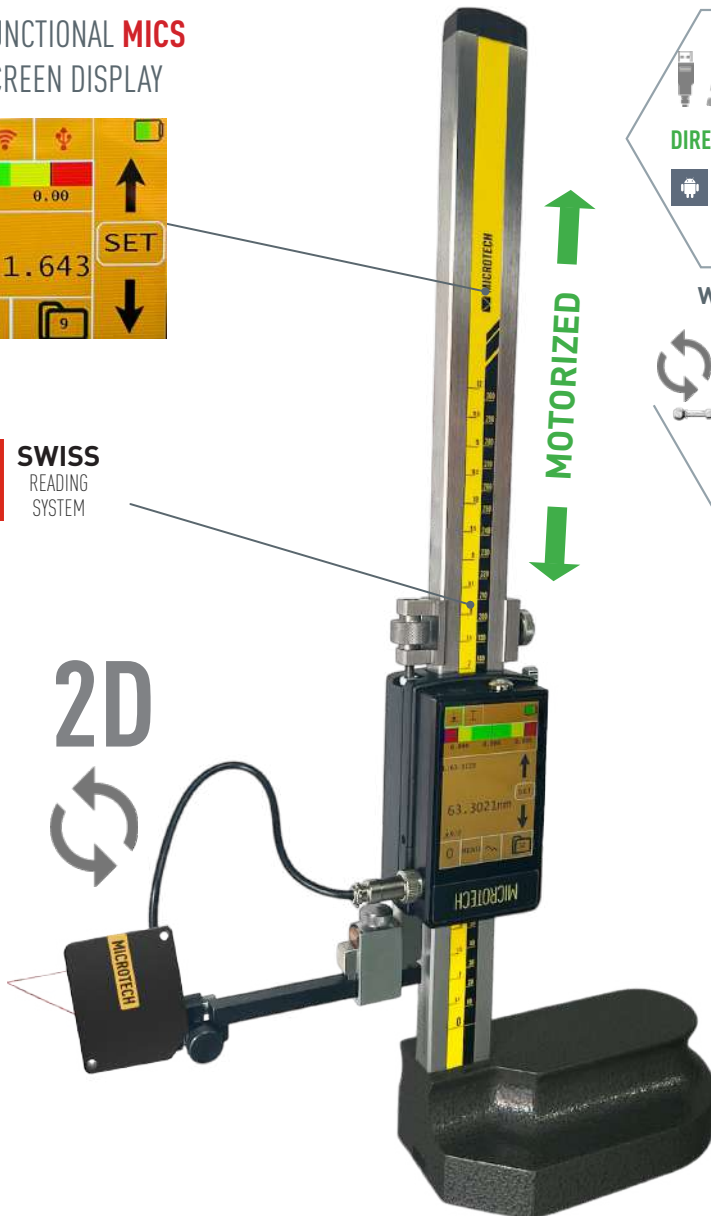
**TABLET MULTIFUNCTIONAL MICS**  
3.5" TOUCHSCREEN DISPLAY



**MOTORIZED**



**2D**



OPTIONAL  
MULTIFUNCTIONAL  
REMOTE PANEL  
144300002

## DATAmet FUNCTIONS

|                                    |                                   |                                       |                                      |                                        |                                   |
|------------------------------------|-----------------------------------|---------------------------------------|--------------------------------------|----------------------------------------|-----------------------------------|
| <p><b>ANALOG SCALE</b></p>         | <p><b>COLOR GO / NOGO</b></p>     | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>                  | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>Formula</b></p>             |
| <p><b>GRAPHIC MODE 1D/2D</b></p>   | <p><b>MEMORY 2000 values</b></p>  | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p>      | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>            |
| <p><b>DISPLAY &amp; ENERGY</b></p> | <p><b>RESOLUTION, mm/inch</b></p> | <p><b>WIRELESS to MDS app</b></p>     | <p><b>WIRELESS &amp; USB HID</b></p> | <p><b>HUB mode (2D, Probe)</b></p>     | <p><b>DEVICE INFO, UPDATE</b></p> |

- Industry 4.0 adopted 2D **LASER MOTORIZED DataMet** height gauge with computerized **MICS** system
- **SWISS** reading system with **0.5 MICRON** resolution (0,0005/0,001/ 0,01/ 0,1 adjust)
- **MOTORIZED** moving with 3 speed and AUTO measuring mode mode
- **RED LASER** displacement sensor for 2D measurings/ANGLE measurings/PROBE mode
- **MICRON** resolution **RED LASER** displacement sensor with response time up 4KHz, range up to  $\pm 60$ mm
- Bi-directional measuring
- Patents US10184772, UA144230, UA126928, UA2022050400
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula's, Timer, Linear correction, Temperature correction, FW update, Calibration date control, e-Link to manual and app download, Operating hours control
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Angle meaasuring
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **DATA TRANSFER:** **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **USB HID** direct to any app
- **Built-in rechargeable Li-Pol battery** (charging through USB port).
- **Calibration certificate** included (ISO17025 (Ilac MRA))

| Item No   | Range  |         | Resolut. |         | Accuracy |          | Motorized | X axis LASER | Measuring speed | 2D mode | Probe mode | 2D connection | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Memory             | WIRELESS         | USB              |   |
|-----------|--------|---------|----------|---------|----------|----------|-----------|--------------|-----------------|---------|------------|---------------|---------------|---------|--------------|--------|---------|---------|---------|-------|--------------------|------------------|------------------|---|
|           | Z      | X laser | Z        | X laser | Z        | X* laser |           |              |                 |         |            |               |               |         |              |        |         |         |         |       |                    |                  |                  |   |
|           | mm     | mm      | mm       | mm      | µm       | µm       |           |              |                 |         |            |               |               |         |              |        |         |         |         |       |                    |                  |                  |   |
| 144303294 | 0-300  | ±4      | 0,0005   | 0,001   | ±8       | ±10      | •         | •            | •               | •       | •          | •             | •             | •       | •            | •      | •       | •       | •       | •     | Folders / 2000 val | Long range / HID | USB HID / Update |   |
| 144306294 | 0-600  |         |          |         | ±12      | ±10      | •         | •            | •               | •       | •          | •             | •             | •       | •            | •      | •       | •       | •       | •     |                    |                  |                  | • |
| 144306296 |        | ±20     |          |         | ±20      | •        | •         | •            | •               | •       | •          | •             | •             | •       | •            | •      | •       | •       | •       | •     |                    |                  |                  |   |
| 144310294 |        | ±4      |          |         | ±15      | ±10      | •         | •            | •               | •       | •          | •             | •             | •       | •            | •      | •       | •       | •       | •     |                    |                  |                  | • |
| 144310296 | 0-1000 | ±20     |          |         |          | ±20      | •         | •            | •               | •       | •          | •             | •             | •       | •            | •      | •       | •       | •       | •     |                    |                  |                  | • |
| 144310297 |        | ±60     |          |         |          | ±60      | •         | •            | •               | •       | •          | •             | •             | •       | •            | •      | •       | •       | •       | •     |                    |                  |                  | • |

\*ACCURACY ON WELL ON MATTE OR NON-REFLECTIVE SURFACES (CERAMIC)



DataMet interface



CONNECTION possibilities



DOWNLOAD MDS app WINDOWS



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DOWNLOAD MDS app ANDROID



## DELIVERY SET



## OPTIONS

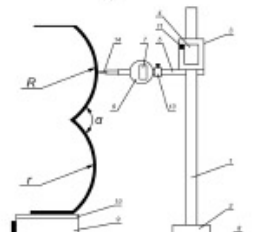
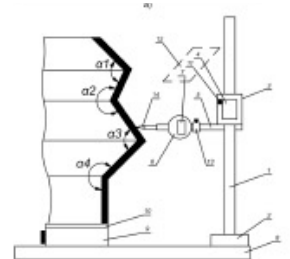
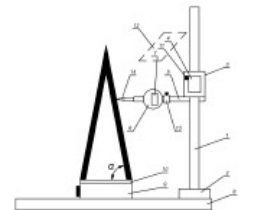
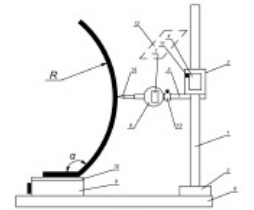






**SWISS**  
READING  
SYSTEM

**TABLET MULTIFUNCTIONAL MICS**  
3.5" TOUCHSCREEN DISPLAY

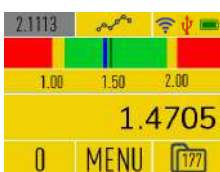


**2D**

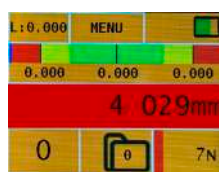
**MANUAL  
WHEEL**



## DATAmet FUNCTIONS



ANALOG SCALE



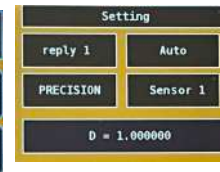
COLOR GO / NOGO



COLOR MAX / MIN / RANGE



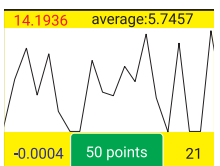
TIMER



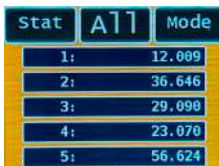
TOUCH PROBE SETTINGS



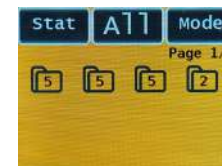
FORMULA  $Ax^2+Bx+C$



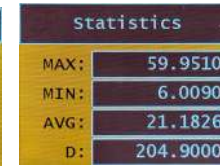
GRAPHIC MODE 1D/2D



MEMORY 2000 values



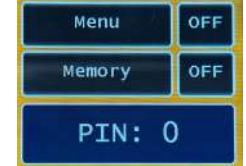
FOLDERS mode



MEMORY STATISTICS



TEMPERATURE COMPENSATION



PASSWORD



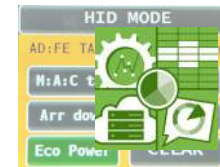
DISPLAY & ENERGY



RESOLUTION, mm/inch



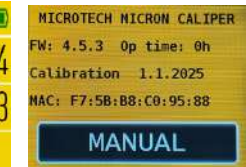
WIRELESS to MDS app



WIRELESS & USB HID



HUB mode (2D, Probe)



DEVICE INFO, UPDATE

- Industry 4.0 adopted 2D micron height gauge with computerized MICS system with 3.5" color Touchscreen
- **SWISS** reading system with **0.5 MICRON** resolution (0,0005/0,001/ 0,01/ 0,1 adjust)
- Patents US10184772, UA144230, UA126928, UA2022050400
- Manual wheel with Fine adjustment
- COMPUTERIZED indicator for contact 2D measurings / ANGLE measurings
- Carbide-tipped scriber can be installed (in DELIVERY SET)
- Optional 5-axis Touch-trigger Probe with interchangeable stylus on holder arm with rotation.
- Bi-directional measuring
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula's, Timer, Linear correction, Temperature correction, FW update, Calibration date control, e-Link to manual and app download, Operating hours control
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Angle measuring
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, USB HID direct to any app
- Built-in rechargeable Li-Pol battery (charging through USB port).
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No   | Range  |       | Resolut. |        | Accu-<br>racy | 2D connection | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Memory             | WIRELESS         | IUSE              |   |
|-----------|--------|-------|----------|--------|---------------|---------------|---------------|---------|--------------|--------|---------|---------|---------|-------|--------------------|------------------|-------------------|---|
|           | Z      | X     | Z        | X      |               |               |               |         |              |        |         |         |         |       |                    |                  |                   |   |
|           | mm     | mm    | mm       | mm     |               |               |               |         |              |        |         |         |         |       |                    |                  |                   |   |
| 144303371 | 0-300  | 0-25  | 0,0005   | 0,0001 | ±15           | ●             | ●             | ●       | ●            | ●      | ●       | ●       | ●       | ●     | Folders / 2000 val | Long range / HID | IUSR HID / Update |   |
| 144306371 | 0-600  |       |          |        | ±20           | ●             | ●             | ●       | ●            | ●      | ●       | ●       | ●       | ●     |                    |                  |                   |   |
| 144306372 |        | 0-50  |          |        |               | ●             | ●             | ●       | ●            | ●      | ●       | ●       | ●       | ●     |                    |                  |                   |   |
| 144310371 | 0-1000 | 0-25  |          |        | ±30           | ●             | ●             | ●       | ●            | ●      | ●       | ●       | ●       | ●     |                    |                  |                   | ● |
| 144310372 |        | 0-50  |          |        |               | ●             | ●             | ●       | ●            | ●      | ●       | ●       | ●       | ●     |                    |                  |                   |   |
| 144310373 |        | 0-100 |          |        |               | ●             | ●             | ●       | ●            | ●      | ●       | ●       | ●       | ●     |                    |                  |                   | ● |



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MDS app WINDOWS



DOWNLOAD  
MDS app iOS, MacOS



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MDS app ANDROID



DataMet  
interface

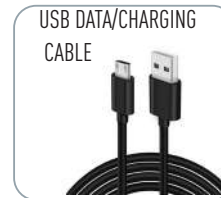


CONNECTION  
possibilities

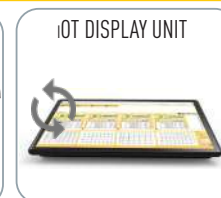
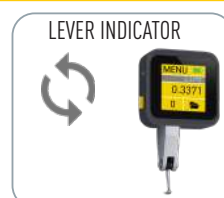


VIDEO

## DELIVERY SET

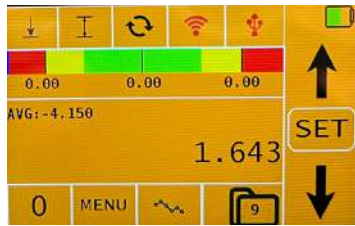


## OPTIONS





TABLET MULTIFUNCTIONAL MICS  
3.5" TOUCHSCREEN DISPLAY

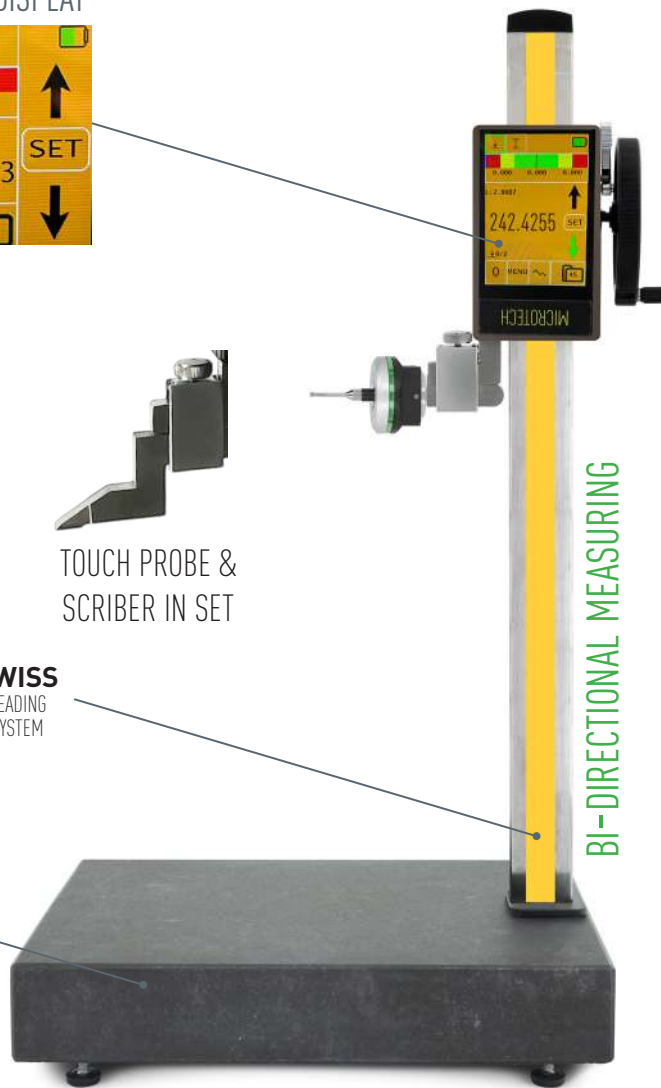


TOUCH PROBE &  
SCRIBER IN SET



SWISS  
READING  
SYSTEM

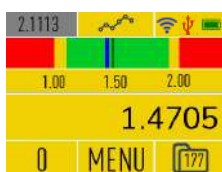
GRANITE BASE GR.00



BI-DIRECTIONAL MEASURING



## DataMet FUNCTIONS



ANALOG SCALE



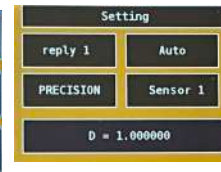
COLOR GO / NOGO



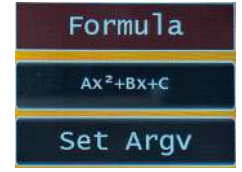
COLOR MAX / MIN / RANGE



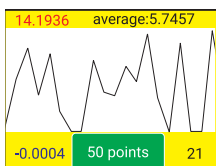
TIMER



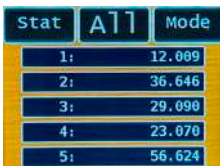
TOUCH PROBE SETTINGS



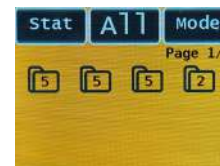
FORMULA  $Ax^2+Bx+C$



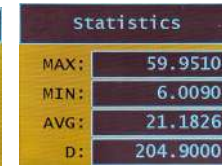
GRAPHIC MODE 1D/2D



MEMORY 2000 values



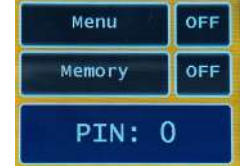
FOLDERS mode



MEMORY STATISTICS



TEMPERATURE COMPENSATION



PASSWORD



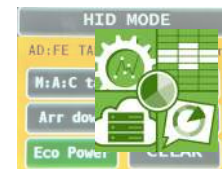
DISPLAY & ENERGY



RESOLUTION, mm/inch



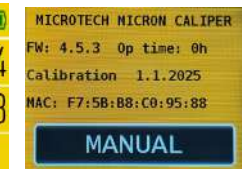
WIRELESS to MDS app



WIRELESS & USB HID



HUB mode (2D, Probe)



DEVICE INFO, UPDATE

- Industry 4.0 adopted Tablet micron height gauge with granite base and computerized **MICS** system with 3.5" color Touchscreen
- **SWISS** reading system with **0.5 MICRON** resolution (0,0005/0,001/ 0,01/ 0,1 adjust)
- Manual wheel with Fine adjustment
- 5-axis Touch-trigger Probe with interchangeable stylus on holder arm with rotation.
- Carbide-tipped scriber can be installed (in DELIVERY SET)
- Optional COMPUTERIZED indicator for contact 2D measurings/ANGLE measurings
- Bi-directional measuring
- Patents US10184772, UA144230, UA126928, UA2022050400
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula's, Timer, Linear correction, Temperature correction, FW update, Calibration date control, e-Link to manual and app download, Operating hours control
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Angle meaasuring
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, USB HID direct to any app
- Built-in rechargeable Li-Pol battery (charging through USB port).
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No   | Range  |       | Resolut. | Accur. | Granite base | Manual wheel | Fine adjustment | Scriber | 3D Touch Probe | Probe holder | COMP Indicator | 2D measuring | Angle measuring | 1D Graphic | 2D Profile | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Memory | FW update | WIRELESS MDS | WIRELESS HID | USB HID |    |    |    |   |   |
|-----------|--------|-------|----------|--------|--------------|--------------|-----------------|---------|----------------|--------------|----------------|--------------|-----------------|------------|------------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|--------|-----------|--------------|--------------|---------|----|----|----|---|---|
|           | mm     | inch  |          |        |              |              |                 |         |                |              |                |              |                 |            |            |              |        |         |         |         |       |           |             |             |        |           |              |              |         | mm | μm | mm |   |   |
| 144303291 | 0-300  | 0-12" | 0,0005   | ±10    | 300x200      | •            | •               | •       | •              | •            | option         | option       | option          | •          | option     | •            | •      | •       | •       | •       | •     | •         | •           | •           | •      | •         | •            | •            | •       |    |    |    |   |   |
| 144306291 | 0-600  | 0-24" |          | ±15    |              | •            | •               | •       | •              | •            |                |              |                 | •          |            | •            | •      | •       | •       | •       | •     | •         | •           | •           | •      | •         | •            | •            | •       | •  | •  | •  | • | • |
| 144310291 | 0-1000 | 0-40" |          | ±20    |              | •            | •               | •       | •              | •            |                |              |                 | •          |            | •            | •      | •       | •       | •       | •     | •         | •           | •           | •      | •         | •            | •            | •       | •  | •  | •  | • | • |



DataMet interface



CONNECTION possibilities

DOWNLOAD  
MDS app WINDOWSDOWNLOAD  
MDS app iOS, MacOSDOWNLOAD  
MDS app ANDROID

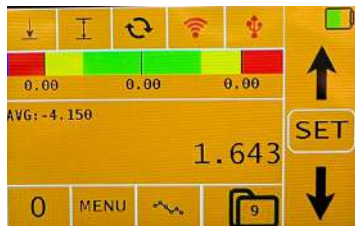
## DELIVERY SET



## OPTIONS



TABLET MULTIFUNCTIONAL MICS  
3.5" TOUCHSCREEN DISPLAY



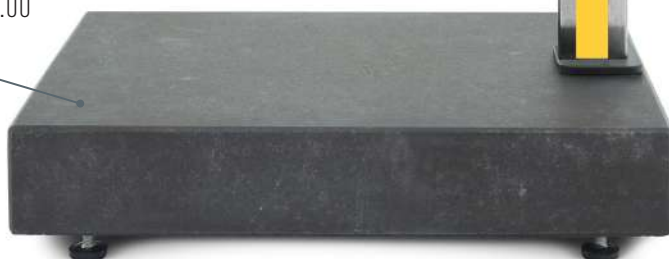
**MOTORIZED**  
WITH AUTO MODE

TOUCH PROBE &  
SCRIBER IN SET



**SWISS**  
READING  
SYSTEM

GRANITE BASE GR.00



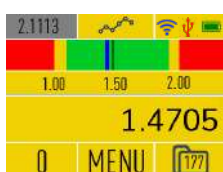
BI-DIRECTIONAL MEASURING

MOTORIZED

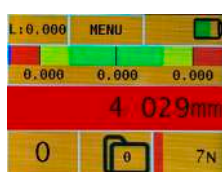


OPTIONAL  
MULTIFUNCTIONAL  
REMOTE PANEL  
144300002

## DATAmet FUNCTIONS



ANALOG SCALE



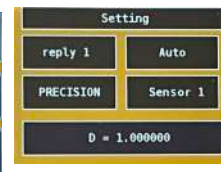
COLOR GO / NOGO



COLOR MAX / MIN / RANGE



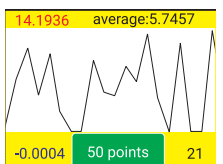
TIMER



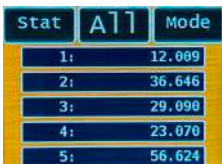
TOUCH PROBE SETTINGS



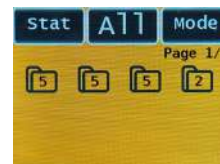
FORMULA  $Ax^2+Bx+C$



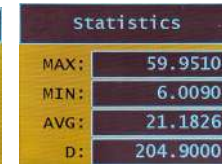
GRAPHIC MODE 1D/2D



MEMORY 2000 values



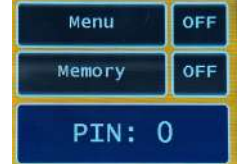
FOLDERS mode



MEMORY STATISTICS



TEMPERATURE COMPENSATION



PASSWORD



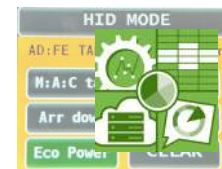
DISPLAY & ENERGY



RESOLUTION, mm/inch



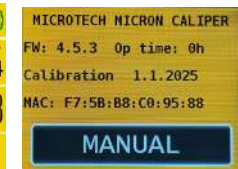
WIRELESS to MDS app



WIRELESS & USB HID



HUB mode (2D, Probe)



DEVICE INFO, UPDATE



- Industry 4.0 adopted MOTORIZED Tablet micron height gauge with Granite base and with computerized **MICS** system
- **SWISS** reading system with **0.5 MICRON** resolution (0,0005/0,001/ 0,01/ 0,1 adjust)
- **MOTORIZED** moving with 3 speed and AUTO measuring mode mode
- Precision 5-axis Touch-trigger Probe with interchangeable stylus on holder arm with rotation.
- Granite base gr.00
- Optional COMPUTERIZED indicator for contact 2D measurings/ANGLE measurings
- Bi-directional measuring
- Patents US10184772, UA144230, UA126928, UA2022050400
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula's, Timer, Linear correction, Temperature correction, FW update, Calibration date control, e-Link to manual and app download, Operating hours control
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Angle meaasuring
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, USB HID direct to any app
- Built-in rechargeable Li-Pol battery (charging through USB port).
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No   | Range  |       | Resolut. | Accur. | Granite base | Motorized | Meas speed | Scriber | 3D Touch Probe | Probe holder | COMP Indicator | 2D measuring | Angle measuring | 1D Graphic | 2D Profile | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Memory | FW update | WIRELESS MDS | WIRELESS HID | USB HID |    |    |    |   |   |
|-----------|--------|-------|----------|--------|--------------|-----------|------------|---------|----------------|--------------|----------------|--------------|-----------------|------------|------------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|--------|-----------|--------------|--------------|---------|----|----|----|---|---|
|           | mm     | inch  |          |        |              |           |            |         |                |              |                |              |                 |            |            |              |        |         |         |         |       |           |             |             |        |           |              |              |         | mm | µm | mm |   |   |
| 144303293 | 0-300  | 0-12" | 0,0005   | ±5     | 300x200      | •         | 3          | •       | •              | •            | option         | option       | option          | •          | option     | •            | •      | •       | •       | •       | •     | •         | •           | •           | •      | •         | •            | •            | •       |    |    |    |   |   |
| 144306293 | 0-600  | 0-24" |          | ±8     |              | •         | 3          | •       | •              | •            |                |              |                 | •          |            | •            | •      | •       | •       | •       | •     | •         | •           | •           | •      | •         | •            | •            | •       | •  | •  | •  | • | • |
| 144310293 | 0-1000 | 0-40" |          | ±12    |              | •         | 3          | •       | •              | •            |                |              |                 | •          |            | •            | •      | •       | •       | •       | •     | •         | •           | •           | •      | •         | •            | •            | •       | •  | •  | •  | • | • |



DataMet interface



CONNECTION possibilities



DOWNLOAD  
MDS app WINDOWS



DOWNLOAD  
MDS app iOS, MacOS



DOWNLOAD  
MDS app ANDROID



## DELIVERY SET

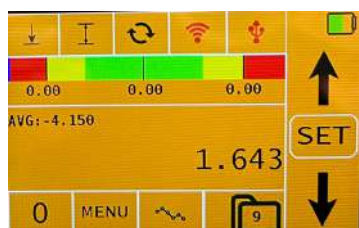


## OPTIONS





TABLET MULTIFUNCTIONAL **MICS**  
3.5" TOUCHSCREEN DISPLAY



**2D**

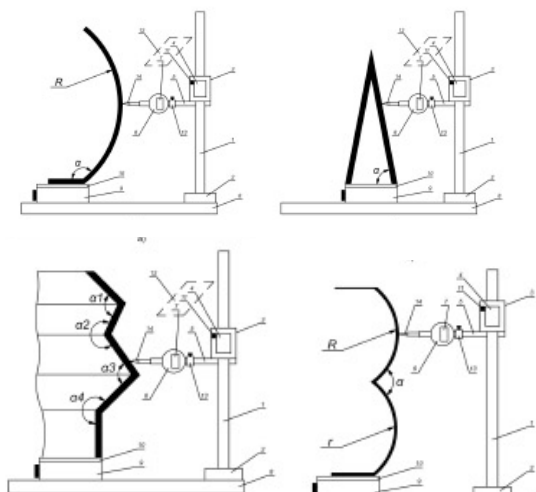


**MANUAL  
WHEEL**

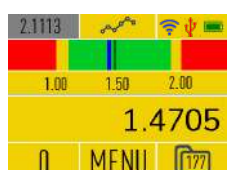


**SWISS  
READING  
SYSTEM**

GRANITE BASE GR.00



## DataMet FUNCTIONS



**ANALOG SCALE**



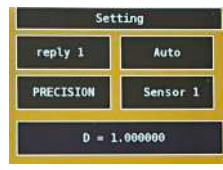
**COLOR GO / NOGO**



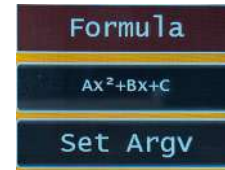
**COLOR MAX / MIN / RANGE**



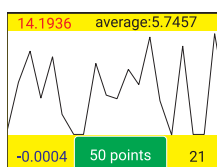
**TIMER**



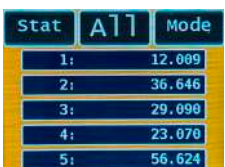
**TOUCH PROBE SETTINGS**



**FORMULA  $Ax^2+Bx+C$**



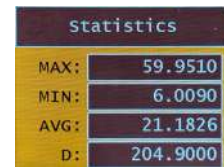
**GRAPHIC MODE 1D/2D**



**MEMORY 2000 values**



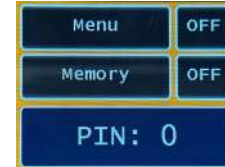
**FOLDERS mode**



**MEMORY STATISTICS**



**TEMPERATURE COMPENSATION**



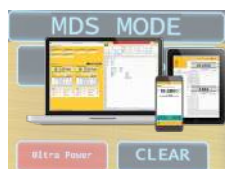
**PASSWORD**



**DISPLAY & ENERGY**



**RESOLUTION, mm/inch**



**WIRELESS to MDS app**



**WIRELESS & USB HID**



**HUB mode (2D, Probe)**



**DEVICE INFO, UPDATE**

- Industry 4.0 adopted 2D micron height gauge with computerized MICS system with 3.5" color Touchscreen
- **SWISS** reading system with **0.5 MICRON** resolution (0,0005/0,001/ 0,01/ 0,1 adjust)
- Patents US10184772, UA144230, UA126928, UA2022050400
- Manual wheel with Fine adjustment
- COMPUTERIZED indicator for contact 2D measurements/ANGLE measurements
- Carbide-tipped scriber can be installed (in DELIVERY SET)
- Optional 5-axis Touch-trigger Probe with interchangeable stylus on holder arm with rotation.
- Granite base gr.00
- Bi-directional measuring
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula's, Timer, Linear correction, Temperature correction, FW update, Calibration date control, e-Link to manual and app download, Operating hours control
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Angle meaasuring
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, USB HID direct to any app
- Built-in rechargeable Li-Pol battery (charging through USB port).
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No   | Range  |       | Resolut. |        | Accu-<br>racy | Granite<br>base<br>gr.00 | 2D connection | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Memory             | WIRELESS         | IISI             |
|-----------|--------|-------|----------|--------|---------------|--------------------------|---------------|---------------|---------|--------------|--------|---------|---------|---------|-------|--------------------|------------------|------------------|
|           | Z      | X     | Z        | X      |               |                          |               |               |         |              |        |         |         |         |       |                    |                  |                  |
|           | mm     | mm    | mm       | mm     |               |                          |               |               |         |              |        |         |         |         |       |                    |                  |                  |
| 144303391 | 0-300  | 0-25  | 0,0005   | 0,0001 | ±15           | 300x200                  | •             | •             | •       | •            | •      | •       | •       | •       | •     | Folders / 2000 val | Long range / HID | ISR HID / Update |
| 144306391 | 0-600  |       |          |        | 0-50          |                          | ±20           | •             | •       | •            | •      | •       | •       | •       | •     |                    |                  |                  |
| 144306392 |        | 0-25  |          |        |               | •                        | •             | •             | •       | •            | •      | •       | •       | •       |       |                    |                  |                  |
| 144310391 | 0-1000 | 0-50  |          |        | ±30           | 400x300                  | •             | •             | •       | •            | •      | •       | •       | •       | •     |                    |                  |                  |
| 144310392 |        | 0-100 |          |        |               |                          | •             | •             | •       | •            | •      | •       | •       | •       | •     |                    |                  |                  |
| 144310393 |        | •     |          |        |               |                          | •             | •             | •       | •            | •      | •       | •       | •       | •     |                    |                  |                  |



## DELIVERY SET



## OPTIONS

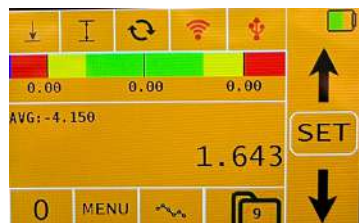




0.5μm



**SWISS**  
READING  
SYSTEM

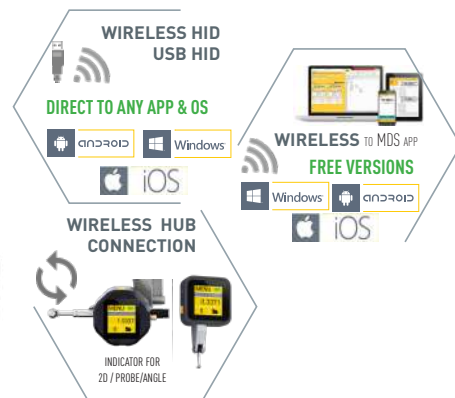


**TABLET MULTIFUNCTIONAL MICS**  
3.5" TOUCHSCREEN DISPLAY

**2D**

**MOTORIZED**

GRANITE BASE GR.00



OPTIONAL  
**MULTIFUNCTIONAL**  
**REMOTE PANEL**  
144300002

## DataMet FUNCTIONS

|                                 |                                |                                    |                                   |                                     |                                           |
|---------------------------------|--------------------------------|------------------------------------|-----------------------------------|-------------------------------------|-------------------------------------------|
| <br><b>ANALOG SCALE</b>         | <br><b>COLOR GO / NOGO</b>     | <br><b>COLOR MAX / MIN / RANGE</b> | <br><b>TIMER</b>                  | <br><b>TOUCH PROBE SETTINGS</b>     | <br><b>FORMULA <math>Ax^2+Bx+C</math></b> |
| <br><b>GRAPHIC MODE 1D/2D</b>   | <br><b>MEMORY 2000 values</b>  | <br><b>FOLDERS mode</b>            | <br><b>MEMORY STATISTICS</b>      | <br><b>TEMPERATURE COMPENSATION</b> | <br><b>PASSWORD</b>                       |
| <br><b>DISPLAY &amp; ENERGY</b> | <br><b>RESOLUTION, mm/inch</b> | <br><b>WIRELESS to MDS app</b>     | <br><b>WIRELESS &amp; USB HID</b> | <br><b>HUB mode (2D, Probe)</b>     | <br><b>DEVICE INFO, UPDATE</b>            |

- Industry 4.0 adopted 2D LASER MOTORIZED Tablet micron height gauge with Granite base and with computerized **MICS** system
- **SWISS** reading system with **0.5 MICRON** resolution (0,0005/0,001/ 0,01/ 0,1 adjust)
- **MOTORIZED** moving with 3 speed and AUTO measuring mode mode
- **RED LASER** displacement sensor for 2D measurings/ANGLE measurings/PROBE mode
- **MICRON** resolution **RED LASER** displacement sensor with response time up 4KHz, range up to ±60mm
- Granite base gr.00
- Bi-directional measuring
- Patents US10184772, UA144230, UA126928, UA2022050400
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula's, Timer, Linear correction, Temperature correction, FW update, Calibration date control, e-Link to manual and app download, Operating hours control
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Angle meaasuring
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, USB HID direct to any app
- Built-in rechargeable Li-Pol battery (charging through USB port).
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No   | Range  |            | Resolut. |            | Accuracy |             | Granite<br>base<br><br>gr.00 | Motorized | X axis LASER | Measuring speed | 2D mode | Probe mode | 2D connection | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Memory             | WIRELESS         | USB              |    |
|-----------|--------|------------|----------|------------|----------|-------------|------------------------------|-----------|--------------|-----------------|---------|------------|---------------|---------------|---------|--------------|--------|---------|---------|---------|-------|--------------------|------------------|------------------|----|
|           | Z      | X<br>laser | Z        | X<br>laser | Z        | X*<br>laser |                              |           |              |                 |         |            |               |               |         |              |        |         |         |         |       |                    |                  |                  |    |
|           | mm     | mm         | mm       | mm         | µm       | µm          |                              |           |              |                 |         |            |               |               |         |              |        |         |         |         |       |                    |                  |                  | mm |
| 144303394 | 0-300  | ±4         | 0,0005   | 0,001      | ±8       | ±10         | 300x200                      | •         | •            | •               | •       | •          | •             | •             | •       | •            | •      | •       | •       | •       | •     | Folders / 2000 val | Long range / HID | USB HID / Update |    |
| 144306394 | 0-600  |            |          |            | ±12      | ±10         |                              | •         | •            | •               | •       | •          | •             | •             | •       | •            | •      | •       | •       | •       | •     |                    |                  |                  | •  |
| 144306396 |        | ±20        |          |            | ±20      | •           |                              | •         | •            | •               | •       | •          | •             | •             | •       | •            | •      | •       | •       | •       |       |                    |                  |                  |    |
| 144310394 | 0-1000 | ±4         |          |            | ±15      | ±10         | 400x300                      | •         | •            | •               | •       | •          | •             | •             | •       | •            | •      | •       | •       | •       | •     |                    |                  |                  | •  |
| 144310396 |        | ±20        |          |            |          | ±20         |                              | •         | •            | •               | •       | •          | •             | •             | •       | •            | •      | •       | •       | •       | •     |                    |                  |                  |    |
| 144310397 |        | ±60        |          |            |          | ±60         |                              | •         | •            | •               | •       | •          | •             | •             | •       | •            | •      | •       | •       | •       | •     |                    |                  |                  | •  |

\*ACCURACY ON WELL ON MATTE OR NON-REFLECTIVE SURFACES (CERAMIC)



DOWNLOAD  
MDS app WINDOWS  

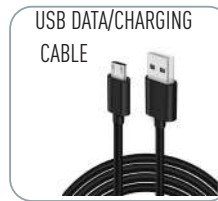
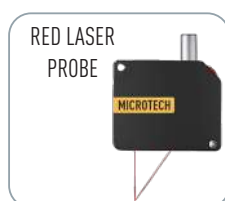



DOWNLOAD  
MDS app iOS, MacOS  

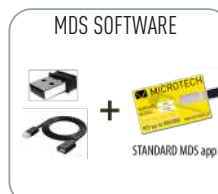
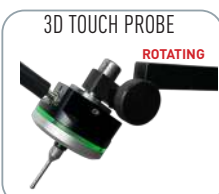



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MDS app ANDROID  


## DELIVERY SET



## OPTIONS





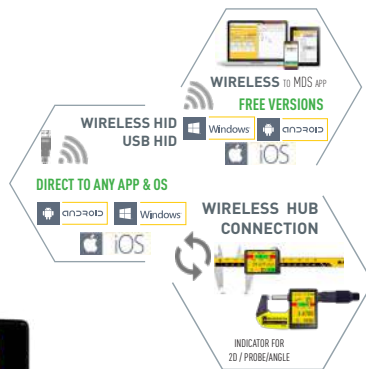
TABLET MULTIFUNCTIONAL **MICS**  
2.4" TOUCHSCREEN DISPLAY

0,1µm

CERAMIC BASE

**TOP QUALITY**  
 **GERMAN MADE**

10x HARDER AND  
WEAR-RESIST THAN GRANITE



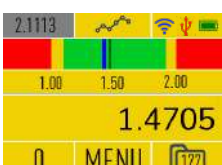
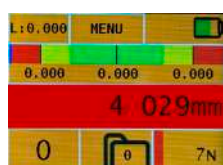
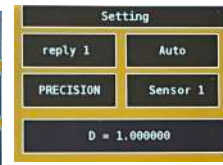
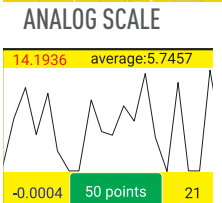
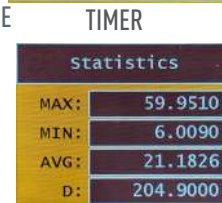
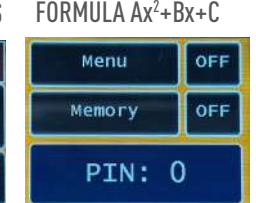
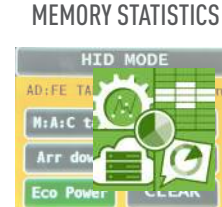
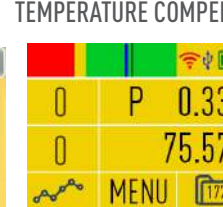
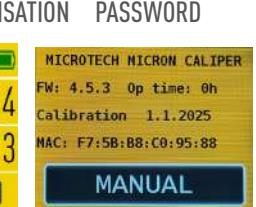
0,1µm

GRANITE BASE

**TOP QUALITY**  
 **GERMAN MADE**

HELICAT THREAD

## DATAmet FUNCTIONS

|                                                                                                                     |                                                                                                                      |                                                                                                                           |                                                                                                                      |                                                                                                                              |                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>ANALOG SCALE</b></p>       |  <p><b>COLOR GO / NOGO</b></p>    |  <p><b>COLOR MAX / MIN / RANGE</b></p> |  <p><b>TIMER</b></p>             |  <p><b>TOUCH PROBE SETTINGS</b></p>     |  <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> |
|  <p><b>GRAPHIC MODE 1D/2D</b></p> |  <p><b>MEMORY 2000 values</b></p> |  <p><b>FOLDERS mode</b></p>            |  <p><b>MEMORY STATISTICS</b></p> |  <p><b>TEMPERATURE COMPENSATION</b></p> |  <p><b>PASSWORD</b></p>                       |
|  <p><b>Display</b></p>            |  <p><b>Resolution</b></p>         |  <p><b>MDS MODE</b></p>                |  <p><b>HID MODE</b></p>          |  <p><b>MICROTECH MICRON CALIPER</b></p> |  <p><b>MANUAL</b></p>                         |

- **Industry 4.0** adopted sub-micron Tablet indicator with computerized MICS system with 2.4" color Touchscreen
- **GRANITE OR CERAMIC base gr.00**
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- Modification with ROTATING display for using in bore gauges and other custom solution
- **Quick reading system** (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

## DataMet SUB-MICRON HEIGHT GAUGE ON GRANITE BASE

| Item No   | Range |        | Resolution | Accuracy | Granite Base |       |            |                | 2D connect | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge           | Memory           | WIRELESS          | IISR |   |
|-----------|-------|--------|------------|----------|--------------|-------|------------|----------------|------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|--------------------|------------------|-------------------|------|---|
|           |       |        |            |          | Table size   | Grade | Adjust arm | Helical thread |            |               |         |              |        |         |         |         |       |           |             |             |           |                    |                  |                   |      |   |
|           | mm    | inch   | mm         | µm       | mm           |       |            |                |            |               |         |              |        |         |         |         |       |           |             |             |           |                    |                  |                   |      |   |
| 144301228 | 0-13  | 0-0.5" | 0,0001     | ±1.2     | 200x100      | 00    |            |                | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | Folders / 2000 val | Long range / HID | IISR HID / Update |      |   |
| 144301248 |       |        |            |          | 400x250      | 00    | •          | •              | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         |                    |                  |                   | •    | • |
| 144302228 | 0-25  | 0-1"   |            | ±1.5     | 200x100      | 00    |            |                | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         |                    |                  |                   | •    | • |
| 144302248 |       |        |            |          | 400x250      | 00    | •          | •              | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         |                    |                  |                   | •    |   |
| 144305228 | 0-50  | 0-2"   |            | ±2       | 200x100      | 00    |            |                | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         |                    |                  |                   | •    | • |
| 144305248 |       |        |            |          | 400x250      | 00    | •          | •              | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         |                    |                  |                   | •    |   |
| 144309228 | 0-100 | 0-4"   |            | ±3       | 200x100      | 00    | •          | •              | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         |                    |                  |                   | •    | • |
| 144309248 |       |        |            |          | 400x250      | 00    | •          | •              | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         |                    |                  |                   | •    | • |
| 144309548 | 0-150 | 0-6"   | 0,0002     | ±4       | 400x250      | 00    | •          | •              | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         |                    |                  |                   | •    |   |
| 144309648 | 0-200 | 0-8"   |            | ±5       | 400x250      | 00    | •          | •              | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         |                    |                  |                   | •    |   |

## DataMet SUB-MICRON HEIGHT GAUGE ON CERAMIC BASE

| Item No   | Range |        | Resolution | Accuracy | Ceramic Base | 2D connect | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory | WIRELESS       | USB          |                                                                                       |
|-----------|-------|--------|------------|----------|--------------|------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------|----------------|--------------|---------------------------------------------------------------------------------------|
|           | mm    | inch   |            |          |              |            |               |         |              |        |         |         |         |       |           |             |             |           |          |        |                |              | mm                                                                                    |
| 144301238 | 0-13  | 0-0.5" | 0,0001     | ±1.2     | 200x100      | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | Folders / 2000 | Long range / |  |
| 144302238 | 0-25  | 0-1"   |            | ±1.5     |              | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      |                |              |                                                                                       |
| 144305238 | 0-50  | 0-2"   |            | ±2       |              | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      |                |              |                                                                                       |
| 144309238 | 0-100 | 0-4"   |            | ±3       |              | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      |                |              |                                                                                       |



DataMet  
interface



CONNECTION  
possibilities



DOWNLOAD  
MDS app WINDOWS



DOWNLOAD  
MDS app iOS, MacOS



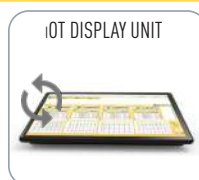
DOWNLOAD  
MDS app ANDROID



## DELIVERY SET



## OPTIONAL



TABLET MULTIFUNCTIONAL **MICS**  
2.4" TOUCHSCREEN DISPLAY

0,5µm



**SWISS**  
READING  
SYSTEM



**NON-ROTATING  
0-50MM RANGE**

## DATAmet FUNCTIONS

|                                  |                                  |                                       |                                 |                                        |                                              |
|----------------------------------|----------------------------------|---------------------------------------|---------------------------------|----------------------------------------|----------------------------------------------|
| <p><b>ANALOG SCALE</b></p>       | <p><b>COLOR GO / NOGO</b></p>    | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>             | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> |
| <p><b>GRAPHIC MODE 1D/2D</b></p> | <p><b>MEMORY 2000 values</b></p> | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p> | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>                       |
| <p><b>Display</b></p>            | <p><b>Resolution</b></p>         | <p><b>MDS MODE</b></p>                | <p><b>HID MODE</b></p>          |                                        | <p><b>MICROTECH MICRON CALIPER</b></p>       |



- Industry 4.0 adopted **DataMet** micrometer with computerized MICS system (2,4" color Touchscreen)
- **DOUBLE RANGE (50mm) with NON-ROTATING SPINDLE**
- **SWISS** reading system with 0.5 micron resolution (0,0005/0,001/0,01 mm selecting)
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection indication
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing and handle (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))

## NON-ROTATING DataMet MICROMETER

| Item No   | Range   | Resolution | Accuracy | Repeat-ability | Anvils D | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB | MODBUS |   |
|-----------|---------|------------|----------|----------------|----------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|--------|---|
|           | mm      | mm         | μm       | μm             | mm       |               |         |              |        |         |         |         |       |           |             |             |          |        |          |     |        |   |
| 110170519 | 0-50    | 0,0005     | ±2       | 0,5            | 8        | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | OPTION |   |
| 110171019 | 50-100  |            | ±3       |                |          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |        | • |
| 110171519 | 100-150 |            | ±3       | 1,0            |          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |        |   |
| 110172019 | 150-200 |            | ±4       |                |          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |        |   |
| 110172519 | 200-250 |            | ±4       |                |          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |        |   |
| 110173019 | 250-300 |            | ±5       |                |          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |        |   |
| 110173519 | 300-350 |            | ±5       |                |          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |        |   |
| 110174019 | 350-400 |            | ±5       |                |          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |        |   |
| 110174519 | 400-450 |            | ±6       |                |          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |        |   |
| 110175019 | 450-500 |            | ±6       |                |          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |        | • |

OPTION



DataMet interface



CONNECTION possibilities

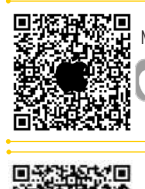


VIDEO

## DELIVERY SET



DOWNLOAD MDS app WINDOWS

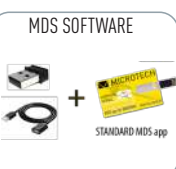


DOWNLOAD MDS app iOS, MacOS



DOWNLOAD MDS app ANDROID

## OPTIONAL



DOWNLOAD APP

Download Windows App

Download on the App Store

GET IT ON Google play



0,1µm

TABLET MULTIFUNCTIONAL **MICS**  
2.0" TOUCHSCREEN DISPLAY



**NON-ROTATING**

NEW MODEL 2026

## DATAmet FUNCTIONS

|                                  |                                  |                                       |                                 |                                        |                                              |
|----------------------------------|----------------------------------|---------------------------------------|---------------------------------|----------------------------------------|----------------------------------------------|
| <p><b>ANALOG SCALE</b></p>       | <p><b>COLOR GO / NOGO</b></p>    | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>             | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> |
| <p><b>GRAPHIC MODE 1D/2D</b></p> | <p><b>MEMORY 2000 values</b></p> | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p> | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>                       |
| <p><b>Display</b></p>            | <p><b>Resolution</b></p>         | <p><b>MDS MODE</b></p>                | <p><b>HID MODE</b></p>          |                                        | <p><b>MICROTECH MICRON CALIPER</b></p>       |

- Industry 4.0 adopted DataMet Sub-micron micrometer with computerized MICS system (2,0" color Touchscreen)
- Patents UA126928, UA99686, UA2022050400
- Non-rotating spindle
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No   | Range  |      | Resolution | Accuracy | Repeatability | Anvils D | Non-rotating | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB |
|-----------|--------|------|------------|----------|---------------|----------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|
|           | mm     | inch | mm         | μm       | μm            | mm       |              |        |         |         |         |       |           |             |             |          |        |          |     |
| 110130258 | 0-25   | 0-1" | 0,0001     | ±1,5     | 0,5           | 6.5      | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 110130508 | 25-50  | 1-2" |            | ±2,0     |               |          | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 110130758 | 50-75  | 2-3" |            | ±2,2     |               |          | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 110131008 | 75-100 | 3-4" |            | ±2,5     |               |          | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |

## NON-ROTATING DataMet MICROMETER SET

| Item No   | Range |      | Resolution | QTY |
|-----------|-------|------|------------|-----|
|           | mm    | inch | mm         | pcs |
| 110131118 | 0-100 | 0-4" | 0,0001     | 4   |

## DELIVERY SET



## OPTIONAL



0,1μm

TABLET MULTIFUNCTIONAL MICS  
2.0" TOUCHSCREEN DISPLAY



NEW MODEL 2026

## DATAmet FUNCTIONS

|                           |                           |                                |                          |                                 |                                       |
|---------------------------|---------------------------|--------------------------------|--------------------------|---------------------------------|---------------------------------------|
| <p>ANALOG SCALE</p>       | <p>COLOR GO / NOGO</p>    | <p>COLOR MAX / MIN / RANGE</p> | <p>TIMER</p>             | <p>TOUCH PROBE SETTINGS</p>     | <p>FORMULA <math>Ax^2+Bx+C</math></p> |
| <p>GRAPHIC MODE 1D/2D</p> | <p>MEMORY 2000 values</p> | <p>FOLDERS mode</p>            | <p>MEMORY STATISTICS</p> | <p>TEMPERATURE COMPENSATION</p> | <p>PASSWORD</p>                       |
| <p>Display</p>            | <p>Resolution</p>         | <p>MDS MODE</p>                | <p>HID MODE</p>          | <p>MICROTECH MICRON CALIPER</p> | <p>MICROTECH MICRON CALIPER</p>       |



- Industry 4.0 adopted DataMet Sub-micron micrometer with computerized MICS system (2,0" color Touchscreen)
- Patents UA126928, UA99686, UA2022050400
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No   | Range   |        | Reso-<br>lution | Accu-<br>racy | Repeat-<br>ability | Anvils D | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory             | WIRELESS         | USB              |
|-----------|---------|--------|-----------------|---------------|--------------------|----------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------------------|------------------|------------------|
|           | mm      | inch   | mm              | µm            | µm                 | mm       |        |         |         |         |       |           |             |             |          |                    |                  |                  |
| 110130257 | 0-25    | 0-1"   | 0,0001          | ±1,0          | 0,5                | 6,5      | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val | Long range / HID | USB HID / Update |
| 110130507 | 25-50   | 1-2"   |                 | ±1,2          | 0,5                |          | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110130757 | 50-75   | 2-3"   |                 | ±1,5          | 0,8                |          | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110131007 | 75-100  | 3-4"   |                 | ±2,0          | 0,8                |          | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110131257 | 100-125 | 4-5"   |                 | ±2,0          | 1,0                |          | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110131507 | 125-150 | 5-6"   |                 | ±2,0          | 1,0                |          | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110131757 | 150-175 | 6-7"   |                 | ±2,5          | 1,0                |          | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110132007 | 175-200 | 7-8"   |                 | ±2,5          | 1,0                |          | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110132257 | 200-225 | 8-9"   |                 | ±3,0          | 1,0                |          | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110132507 | 225-250 | 9-10"  |                 | ±3,0          | 1,0                |          | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110132757 | 250-275 | 10-11" |                 | ±3,0          | 1,0                |          | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110133007 | 275-300 | 11-12" |                 | ±3,0          | 1,0                |          | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |

## DataMet MICROMETER SET

| Item No   | Range |       | Reso-<br>lution | QTY |
|-----------|-------|-------|-----------------|-----|
|           | mm    | inch  | mm              | pcs |
| 110131117 | 0-100 | 0-4"  | 0,0001          | 4   |
| 110131517 | 0-150 | 0-6"  |                 | 6   |
| 110132117 | 0-200 | 0-8"  |                 | 8   |
| 110133117 | 0-300 | 0-12" |                 | 12  |

## DELIVERY SET



## OPTIONAL







TABLET MULTIFUNCTIONAL MICS  
2.0" TOUCHSCREEN DISPLAY



NEW MODEL 2026

CARBON FIBER FRAME

SOLID CARBON FRAME (10MM DEPTH)

## DATAmet FUNCTIONS

|                                  |                                  |                                       |                                 |                                        |                                              |
|----------------------------------|----------------------------------|---------------------------------------|---------------------------------|----------------------------------------|----------------------------------------------|
| <p><b>ANALOG SCALE</b></p>       | <p><b>COLOR GO / NOGO</b></p>    | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>             | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> |
| <p><b>GRAPHIC MODE 1D/2D</b></p> | <p><b>MEMORY 2000 values</b></p> | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p> | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>                       |
| <p><b>Display</b></p>            | <p><b>Resolution</b></p>         | <p><b>MDS MODE</b></p>                | <p><b>HID MODE</b></p>          | <p><b>MICROTECH MICRON CALIPER</b></p> | <p><b>MANUAL</b></p>                         |

- **LAB LEVEL** adopted DataMet Sub-micron micrometer with computerized MICS system (2,0" color Touchscreen)
- **Carbon Fiber micrometer frame** (10mm depth) provides ultra-stable, lightweight construction with near-zero thermal expansion, reducing hand-heat drift and deformation for higher repeatability and accuracy
- **Reading system with 0.1 micron resolution** (0,0001/0,001/0,01 mm selecting)
- **Patents** UA126928, UA99686, UA2022050400
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- **Calibration certificate** included (ISO17025 (Ilac MRA))

| Item No    | Range |      | Reso-<br>lution | Accu-<br>racy | Repeat-<br>ability | Anvils D | Non-rotating | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB |
|------------|-------|------|-----------------|---------------|--------------------|----------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|
|            | mm    | inch | mm              | µm            | µm                 | mm       |              |        |         |         |         |       |           |             |             |          |        |          |     |
| 110130257C | 0-25  | 0-1" | 0,0001          | ±0,5          | 0,25               | 4        |              | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 110130258C |       |      |                 | ±1            | 0,5                |          | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |

## DELIVERY SET

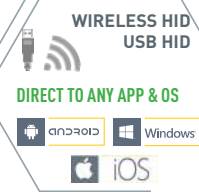


## OPTIONAL



0,1μm

TABLET MULTIFUNCTIONAL MICS  
2.4" TOUCHSCREEN DISPLAY



OPTIONAL MODBUS ASCII, MODBUS TCP/IP

## DATA MET FUNCTIONS

|                                  |                                  |                                       |                                 |                                        |                                              |
|----------------------------------|----------------------------------|---------------------------------------|---------------------------------|----------------------------------------|----------------------------------------------|
| <p><b>ANALOG SCALE</b></p>       | <p><b>COLOR GO / NOGO</b></p>    | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>             | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> |
| <p><b>GRAPHIC MODE 1D/2D</b></p> | <p><b>MEMORY 2000 values</b></p> | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p> | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>                       |
| <p><b>Display</b></p>            | <p><b>Resolution</b></p>         | <p><b>MDS MODE</b></p>                | <p><b>HID MODE</b></p>          |                                        | <p><b>MICROTECH MICRON CALIPER</b></p>       |



- Industry 4.0 adopted sub-micron Tablet micrometer with computerized MICS system with 2.4" color Touchscreen
- Bench configuration for laboratory using
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))

## DataMet BENCH MICROMETER

| Item No   | Range |      |                 |      | Resol. | Accur. | Non-rotating | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB |
|-----------|-------|------|-----------------|------|--------|--------|--------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|
|           | Stand |      | Micrometer head |      |        |        |              |               |         |              |        |         |         |         |       |           |             |             |          |        |          |     |
|           | mm    | inch | mm              | inch |        |        |              |               |         |              |        |         |         |         |       |           |             |             |          |        |          |     |
| 110180278 | 0-25  | 0-1" | 0-25            | 0-1" | 0,0001 | ±1.0   |              | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 110180288 |       |      |                 |      |        | ±1.3   | •            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 110180578 | 0-50  | 0-2" | 0-50            | 0-2" | 0,0005 | ±1.5   |              | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 110180588 |       |      |                 |      |        | ±2.0   | •            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |

## MODBUS DataMet BENCH MICROMETER

| Item No    | Range |      |                 |      | Resol. | Accur. | Non-rotating | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB | MODBUS RTU | MODBUS ASCII | MODBUS TCP/IP |
|------------|-------|------|-----------------|------|--------|--------|--------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|------------|--------------|---------------|
|            | Stand |      | Micrometer head |      |        |        |              |               |         |              |        |         |         |         |       |           |             |             |          |        |          |     |            |              |               |
|            |       |      |                 |      |        |        |              |               |         |              |        |         |         |         |       |           |             |             |          |        |          |     |            |              |               |
| mm         | inch  | mm   | inch            | mm   | µm     |        |              |               |         |              |        |         |         |         |       |           |             |             |          |        |          |     |            |              |               |
| 110180278M | 0-25  | 0-1" | 0-25            | 0-1" | 0,0001 | ±1.0   |              | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | •            | •             |
| 110180288M |       |      |                 |      |        | ±1.3   | •            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | •            | •             |
| 110180578M | 0-50  | 0-2" | 0-50            | 0-2" | 0,0005 | ±1.5   |              | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | •            | option        |
| 110180588M |       |      |                 |      |        | ±2.0   | •            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | •            | •             |



DataMet interface



CONNECTION possibilities



MODBUS protocol



VIDEO



DOWNLOAD MDS app WINDOWS

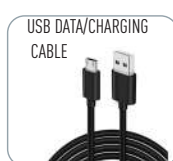


DOWNLOAD MDS app iOS, MacOS



DOWNLOAD MDS app ANDROID

## DELIVERY SET



## OPTIONAL





0,1µm

TABLET MULTIFUNCTIONAL MICS  
2.4" TOUCHSCREEN DISPLAY



SET OF ANVILS AND RODS FOR 150mm MEASURING RANGE

## DATAmet FUNCTIONS

|                                  |                                  |                                       |                                 |                                        |                                              |
|----------------------------------|----------------------------------|---------------------------------------|---------------------------------|----------------------------------------|----------------------------------------------|
| <p><b>ANALOG SCALE</b></p>       | <p><b>COLOR GO / NOGO</b></p>    | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>             | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> |
| <p><b>GRAPHIC MODE 1D/2D</b></p> | <p><b>MEMORY 2000 values</b></p> | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p> | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>                       |
| <p><b>Display</b></p>            | <p><b>Resolution</b></p>         | <p><b>MDS MODE</b></p>                | <p><b>HID MODE</b></p>          | <p><b>MICROTECH MICRON CALIPER</b></p> | <p><b>MANUAL</b></p>                         |

- Industry 4.0 adopted sub-micron WIDE range micrometer with computerized MICS system with 2.4" color Touchscreen
- Interchangeable anvils (5pcs) and setting rods for Wide measuring range 150mm
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))

## DataMet WIDE RANGE MICROMETER IP65 WITH INTERCHANGEABLE ANVILS

| Item No   | Range   |       | Micro-meter head range | Resolution | Accuracy | Repeatability | Anvils | Setting rods | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB | MODBUS RTU |
|-----------|---------|-------|------------------------|------------|----------|---------------|--------|--------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|------------|
|           | mm      | inch  |                        | mm         | μm       | μm            |        |              |               |         |              |        |         |         |         |       |           |             |             |          |        |          |     |            |
| 110181539 | 0-150   | 0-6"  | 25                     | 0,0001     | ±3       | 1             | 5      | 5            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | option     |
| 110183039 | 150-300 | 6-12" |                        |            | ±4       | 1             | 5      | 5            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |            |

## MODBUS DataMet WIDE RANGE MICROMETER IP65 WITH INTERCHANGEABLE ANVILS

| Item No    | Range   |       | Micro-meter head range | Resolution | Accuracy | Repeatability | Anvils | Setting rods | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB | MODBUS RTU |
|------------|---------|-------|------------------------|------------|----------|---------------|--------|--------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|------------|
|            | mm      | inch  |                        | mm         | μm       | μm            |        |              |               |         |              |        |         |         |         |       |           |             |             |          |        |          |     |            |
| 110181539M | 0-150   | 0-6"  | 25                     | 0,0001     | ±3       | 1             | 5      | 5            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          |
| 110183039M | 150-300 | 6-12" |                        |            | ±4       | 1             | 5      | 5            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          |



DataMet interface



CONNECTION possibilities



MODBUS protocol



VIDEO



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MDS app WINDOWS  
Windows



DOWNLOAD  
MDS app iOS, MacOS  
macOS  
iOS



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MDS app ANDROID  
android

## DELIVERY SET



## OPTIONAL



## DOWNLOAD APP



- **CertiMet** digital micrometer IP65 with rotating or NON-rotating spindle
- High accuracy up to  $\pm 2\mu\text{m}$  (in 2 times better than DIN 863-1)
- Friction thimble micrometer head with marking on thimble
- Functions: mm/inch, origin, ABS
- Electronics with IP65 protection, CR2032 3V battery
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No   | Range   |        | Reso-<br>lution | Accu-<br>racy | Anvil D | Protection | mm/inch | ABS/INC |
|-----------|---------|--------|-----------------|---------------|---------|------------|---------|---------|
|           | mm      | inch   | mm              | $\mu\text{m}$ | mm      |            |         |         |
| 110180253 | 0-25    | 0-1"   | 0,001           | $\pm 2$       | 6.5     | IP65       | •       | •       |
| 110180503 | 25-50   | 1-2"   |                 | $\pm 2$       |         |            | •       | •       |
| 110180753 | 50-75   | 2-3"   |                 | $\pm 2$       |         |            | •       | •       |
| 110181003 | 75-100  | 3-4"   |                 | $\pm 3$       |         |            | •       | •       |
| 110181253 | 100-125 | 4-5"   |                 | $\pm 4$       |         |            | •       | •       |
| 110181503 | 125-150 | 5-6"   |                 | $\pm 4$       |         |            | •       | •       |
| 110181753 | 150-175 | 6-7"   |                 | $\pm 4$       |         |            | •       | •       |
| 110182003 | 175-200 | 7-8"   |                 | $\pm 4$       |         |            | •       | •       |
| 110182253 | 200-225 | 8-9"   |                 | $\pm 5$       |         |            | •       | •       |
| 110182503 | 225-250 | 9-10"  |                 | $\pm 5$       |         |            | •       | •       |
| 110182753 | 250-275 | 10-11" |                 | $\pm 5$       |         |            | •       | •       |
| 110183003 | 275-300 | 11-12" |                 | $\pm 5$       |         |            | •       | •       |

#### DIGITAL MICROMETER SET

|           |       |       |                             |  |  |  |  |  |
|-----------|-------|-------|-----------------------------|--|--|--|--|--|
| 110181113 | 0-100 | 0-4"  | DIGITAL micrometer - 4pcs;  |  |  |  |  |  |
| 110181513 | 0-150 | 0-6"  | DIGITAL micrometer - 6pcs;  |  |  |  |  |  |
| 110182113 | 0-200 | 0-8"  | DIGITAL micrometer - 8pcs;  |  |  |  |  |  |
| 110183113 | 0-300 | 0-12" | DIGITAL micrometer - 12pcs; |  |  |  |  |  |



## DELIVERY SET



## OPTIONAL





- CertiMet digital micrometer IP65 with rotating or NON-rotating spindle
- High accuracy up to  $\pm 2\mu\text{m}$  (in 2 times better than DIN 863-1)
- NON-ROTATING spindle
- Friction thimble micrometer head with marking on thimble
- Functions: mm/inch, origin, ABS
- Electronics with IP65 protection, CR2032 3V battery
- Calibration certificate included (ISO17025 (Ilac MRA))



NON-ROTATING



| Item No   | Range  |      | Reso-<br>lution | Accu-<br>racy | Anvil D | Protection | mm/inch | ABS/INC |
|-----------|--------|------|-----------------|---------------|---------|------------|---------|---------|
|           | mm     | inch | mm              | $\mu\text{m}$ | mm      |            |         |         |
| 110170253 | 0-25   | 0-1" | 0,001           | $\pm 2$       | 7.5     | IP65       | •       | •       |
| 110170503 | 25-50  | 1-2" |                 | $\pm 2$       | 7.5     | IP65       | •       | •       |
| 110170753 | 50-75  | 2-3" |                 | $\pm 3$       | 7.5     | IP65       | •       | •       |
| 110171003 | 75-100 | 3-4" |                 | $\pm 3$       | 7.5     | IP65       | •       | •       |



## DELIVERY SET



## OPTIONAL





- High accuracy up to  $\pm 2\mu\text{m}$  (in 2 times better than DIN 863-1)
- Ratchet stop micrometer head
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No                | Range   | Resolution    | Accuracy | Anvil D |
|------------------------|---------|---------------|----------|---------|
|                        | mm      | mm            | µm       | mm      |
| 110110251              | 0-25    | 0,01          | ±2       | 6.5     |
| 110110501              | 25-50   |               | ±2       |         |
| 110110751              | 50-75   |               | ±3       |         |
| 110111001              | 75-100  |               | ±3       |         |
| 110111251              | 100-125 |               | ±4       |         |
| 110111501              | 125-150 |               | ±4       |         |
| 110111751              | 150-175 |               | ±4       |         |
| 110112001              | 175-200 |               | ±4       |         |
| 110112251              | 200-225 |               | ±5       |         |
| 110112501              | 225-250 |               | ±5       |         |
| 110112751              | 250-275 | ±5            |          |         |
| 110113001              | 275-300 | ±5            |          |         |
| OUTSIDE MICROMETER SET |         |               |          |         |
| 110110111              | 0-100   | 4 pcs in set  |          |         |
| 110110151              | 0-150   | 6 pcs in set  |          |         |
| 110110311              | 0-300   | 12 pcs in set |          |         |

## DELIVERY SET



## OPTIONAL



- High accuracy up to  $\pm 2\mu\text{m}$  (in 2 times better than DIN 863-1)
- Friction thimble micrometer head
- 1 micron resolution
- Calibration certificate included (ISO17025 (Ilac MRA))



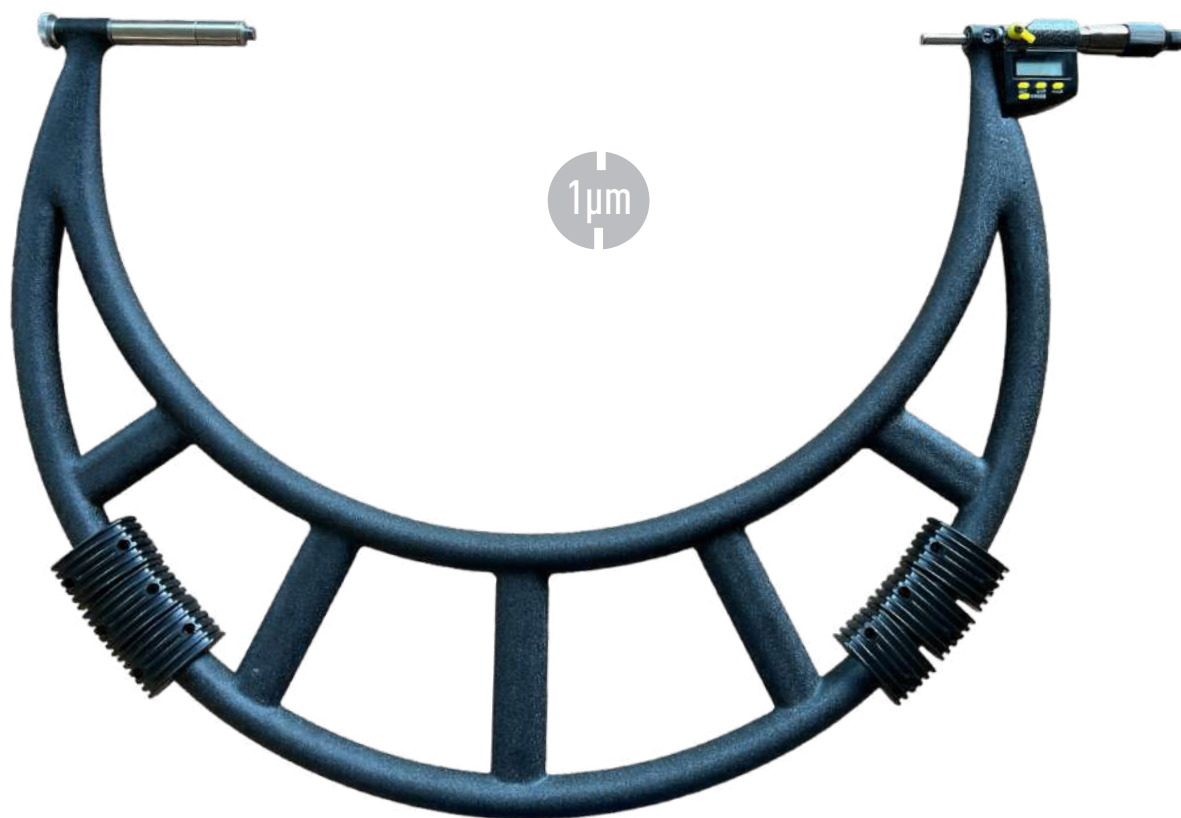
| Item No                       | Range  | Reso-<br>lution | Accu-<br>racy | Anvil D |
|-------------------------------|--------|-----------------|---------------|---------|
|                               | mm     | mm              | µm            | mm      |
| 110110250                     | 0-25   | 0,001           | ±2            | 6.5     |
| 110110500                     | 25-50  |                 | ±2            |         |
| 110110750                     | 50-75  |                 | ±3            |         |
| 110111000                     | 75-100 |                 | ±3            |         |
| MICRON OUTSIDE MICROMETER SET |        |                 |               |         |
| 110110110                     | 0-100  | 4 pcs in set    |               |         |

DELIVERY SET



OPTIONAL





- Wide range **CertiMet** digital micrometer IP65 with range up to 3 m
- Digital micrometer head with IP65 proof
- Setting rods included
- **Calibration** certificate included (ISO17025 (Ilac MRA))

| Item No   | Range     |          | Resol. | Accuracy | Micrometer head range | Weight | Setting rod |
|-----------|-----------|----------|--------|----------|-----------------------|--------|-------------|
|           | mm        | inch     |        |          |                       |        |             |
| 110174001 | 300-400   | 12-16"   | 0,001  | ±7       | 25                    | 1,9    | •           |
| 110175001 | 400-500   | 16-20"   |        | ±7       |                       | 2,2    | •           |
| 110176001 | 500-600   | 20-24"   |        | ±8       |                       | 2,6    | •           |
| 110177001 | 600-700   | 24-28"   |        | ±8       |                       | 2,9    | •           |
| 110178001 | 700-800   | 28-32"   |        | ±15      |                       | 4,8    | •           |
| 110179001 | 800-900   | 32-36"   |        | ±15      |                       | 5,5    | •           |
| 110171101 | 900-1000  | 36-40"   |        | ±15      |                       | 6,7    | •           |
| 110171201 | 1000-1200 | 40-48"   |        | ±18      | 50                    | 9,2    | •           |
| 110171401 | 1200-1400 | 48-56"   |        | ±20      |                       | 11,0   | •           |
| 110171601 | 1400-1600 | 56-64"   |        | ±25      |                       | 13,3   | •           |
| 110171801 | 1600-1800 | 64-72"   |        | ±30      |                       | 16,2   | •           |
| 110172001 | 1800-2000 | 72-80"   |        | ±35      |                       | 19,5   | •           |
| 110172201 | 2000-2200 | 80-88"   |        | ±40      |                       | 25     | •           |
| 110172401 | 2200-2400 | 88-96"   |        | ±45      |                       | 27     | •           |
| 110172601 | 2400-2600 | 96-104"  |        | ±50      |                       | 28,5   | •           |
| 110172801 | 2600-2800 | 104-112" |        | ±55      |                       | 30,5   | •           |
| 110173101 | 2800-3000 | 112-120" |        | ±60      |                       | 33     | •           |

## DELIVERY SET





0,1µm

**TABLET MULTIFUNCTIONAL MICS**  
2.4" TOUCHSCREEN DISPLAY



## DATAmet FUNCTIONS

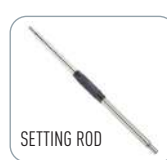
|                                  |                                  |                                       |                                 |                                        |                                              |
|----------------------------------|----------------------------------|---------------------------------------|---------------------------------|----------------------------------------|----------------------------------------------|
| <p><b>ANALOG SCALE</b></p>       | <p><b>COLOR GO / NOGO</b></p>    | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>             | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> |
| <p><b>GRAPHIC MODE 1D/2D</b></p> | <p><b>MEMORY 2000 values</b></p> | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p> | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>                       |
| <p><b>Display</b></p>            | <p><b>Resolution</b></p>         | <p><b>MDS MODE</b></p>                | <p><b>HID MODE</b></p>          | <p><b>MICROTECH MICRON CALIPER</b></p> |                                              |

- **DataMet** Wide range micrometers with range up to 3 m
- **Industry 4.0** adopted **DataMet** Sub-micron micrometer with computerized MICS system (2,4" color Touchscreen)
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

| Item No   | Range     |          | Resol. | Accuracy | Micro-meter head range | Weight | Setting rod | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | 2D Sync | Memory                                                               | WIRELESS | USB | MODBUS RTU |
|-----------|-----------|----------|--------|----------|------------------------|--------|-------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|---------|----------------------------------------------------------------------|----------|-----|------------|
|           | mm        | inch     | mm     | µm       | mm                     | kg     |             |               |         |              |        |         |         |         |       |           |             |             |          |         |                                                                      |          |     |            |
| 110184008 | 300-400   | 12-16"   | 0,0001 | ±5       | 25                     | 1,9    | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •       | Folders / 2000 val<br>Long range / HID<br>USB HID / Update<br>option |          |     |            |
| 110185008 | 400-500   | 16-20"   |        | ±5       |                        | 2,2    | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •       |                                                                      |          |     |            |
| 110186008 | 500-600   | 20-24"   |        | ±6       |                        | 2,6    | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •       |                                                                      |          |     |            |
| 110187008 | 600-700   | 24-28"   |        | ±7       |                        | 2,9    | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •       |                                                                      |          |     |            |
| 110188008 | 700-800   | 28-32"   |        | ±8       |                        | 4,8    | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •       |                                                                      |          |     |            |
| 110189008 | 800-900   | 32-36"   |        | ±10      |                        | 5,5    | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •       |                                                                      |          |     |            |
| 110181108 | 900-1000  | 36-40"   |        | ±10      | 50                     | 6,7    | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •       |                                                                      |          |     |            |
| 110181208 | 1000-1200 | 40-48"   |        | ±14      |                        | 9,2    | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •       |                                                                      |          |     |            |
| 110181408 | 1200-1400 | 48-56"   |        | ±16      |                        | 11,0   | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •       |                                                                      |          |     |            |
| 110181608 | 1400-1600 | 56-64"   |        | ±20      |                        | 13,3   | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •       |                                                                      |          |     |            |
| 110181808 | 1600-1800 | 64-72"   |        | ±24      |                        | 16,2   | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •       |                                                                      |          |     |            |
| 110182008 | 1800-2000 | 72-80"   |        | ±30      |                        | 19,5   | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •       |                                                                      |          |     |            |
| 110182208 | 2000-2200 | 80-88"   |        | ±33      |                        | 25     | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •       |                                                                      |          |     |            |
| 110182408 | 2200-2400 | 88-96"   |        | ±36      |                        | 27     | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •       |                                                                      |          |     |            |
| 110182608 | 2400-2600 | 96-104"  |        | ±40      |                        | 28,5   | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •       |                                                                      |          |     |            |
| 110182808 | 2600-2800 | 104-112" |        | ±42      |                        | 30,5   | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •       |                                                                      |          |     |            |
| 110183108 | 2800-3000 | 112-120" |        | ±45      |                        | 33     | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •       |                                                                      |          |     |            |



## DELIVERY SET



## OPTIONAL



TABLET MULTIFUNCTIONAL **MICS**  
2.4" TOUCHSCREEN DISPLAY



**MODULAR CONSTRUCTION**  
**15 MIN FOR ASSEMBLING**

**CUSTOM RANGE AND GAUGE CONFIGURATION FOR REQUEST**

## DATAmet FUNCTIONS

|                                  |                                  |                                       |                                 |                                               |                                                                                                                                        |
|----------------------------------|----------------------------------|---------------------------------------|---------------------------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>ANALOG SCALE</b></p>       | <p><b>COLOR GO / NOGO</b></p>    | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>             | <p><b>TOUCH PROBE SETTINGS</b></p>            | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p>                                                                                           |
| <p><b>GRAPHIC MODE 1D/2D</b></p> | <p><b>MEMORY 2000 values</b></p> | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p> | <p><b>TEMPERATURE COMPENSATION</b></p>        | <p><b>PASSWORD</b></p>                                                                                                                 |
| <p><b>Display</b></p>            | <p><b>Resolution</b></p>         | <p><b>MDS MODE</b></p>                | <p><b>HID MODE</b></p>          | <p><b>0 P 0.334<br/>0 75.573<br/>MENU</b></p> | <p><b>MICROTECH MICRON CALIPER</b><br/>FW: 4.5.3 Op time: 0h<br/>Calibration 1.1.2025<br/>NAC: F7:5B:B8:C0:95:88<br/><b>MANUAL</b></p> |



- **DataMet** Wide range MODULAR micrometers with range up to 10 m
- Patented Modular construction for easy transportation (assembling 15 minutes)
- Patents UA108044, UA99686, UA2022050400
- Industry 4.0 adopted **DataMet** Sub-micron micrometer with computerized MICS system (2,4" color Touchscreen)
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No   | Range      | Resol. | Accur. | Modules | Micrometer head range | Weight | Setting rod | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Memory             | WIRELESS         | USB              | MODBUS RTU |
|-----------|------------|--------|--------|---------|-----------------------|--------|-------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|--------------------|------------------|------------------|------------|
|           | mm         | mm     | μm     |         | mm                    | kg     |             |               |         |              |        |         |         |         |       |           |             |             |                    |                  |                  |            |
| 110160155 | 1000-1500  | 0,0001 | ±28    | 2       | 50                    | 18     | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | Folders / 2000 val | Long range / HID | USB HID / Update | optional   |
| 110160205 | 1500-2000  |        | ±32    | 2       |                       | 22     | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           |                    |                  |                  |            |
| 110160305 | 2000-3000  |        | ±50    | 3       |                       | 35     | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           |                    |                  |                  |            |
| 110160405 | 3000-4000  |        | ±60    | 4       |                       | 47     | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           |                    |                  |                  |            |
| 110160505 | 4000-5000  |        | ±75    | 5       |                       | 60     | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           |                    |                  |                  |            |
| 110160605 | 5000-6000  |        | ±90    | 6       |                       | 79     | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           |                    |                  |                  |            |
| 110160705 | 6000-7000  |        | ±105   | 7       |                       | 95     | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           |                    |                  |                  |            |
| 110160805 | 7000-8000  |        | ±120   | 8       |                       | 115    | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           |                    |                  |                  |            |
| 110160905 | 8000-9000  |        | ±135   | 9       |                       | 136    | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           |                    |                  |                  |            |
| 110161005 | 9000-10000 |        | ±150   | 10      |                       | 160    | •           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           |                    |                  |                  |            |



DataMet interface

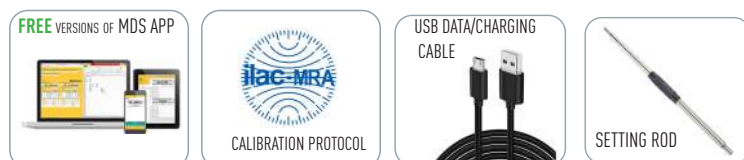


CONNECTION possibilities



VIDEO

## DELIVERY SET



## OPTIONAL



DOWNLOAD MDS app WINDOWS

Windows



DOWNLOAD MDS app iOS, MacOS

macOS

iOS



DOWNLOAD MDS app ANDROID

android



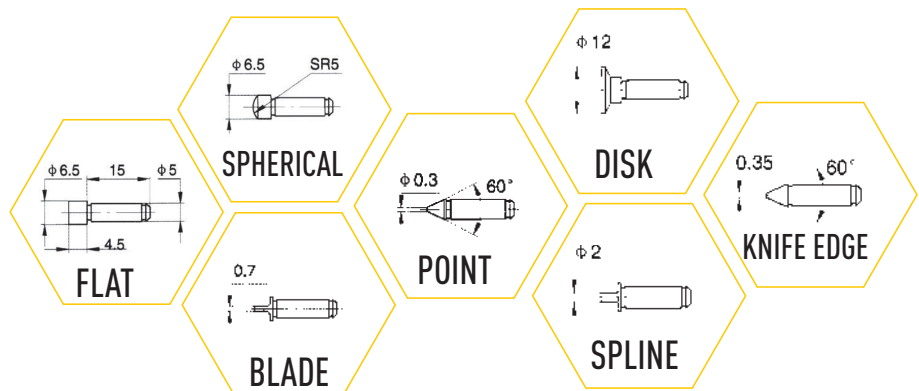
**NON-ROTATING**



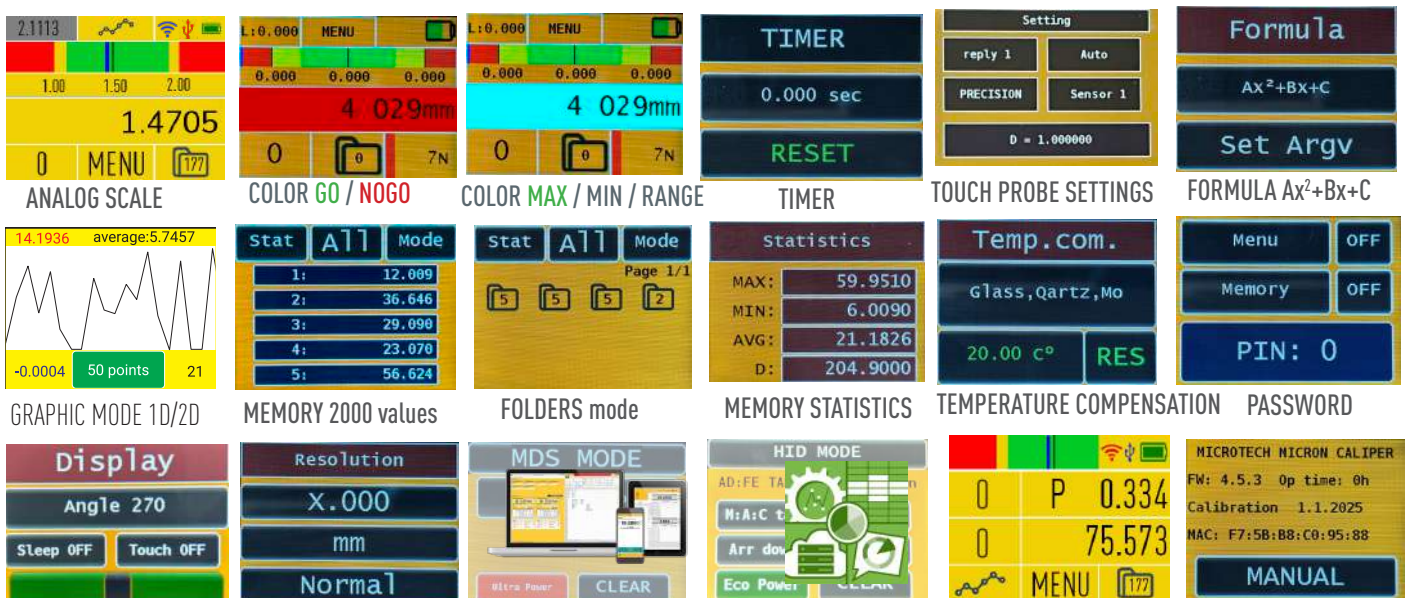
0,1μm

**UNIVERSAL ANVILS SET INCLUDES**

**7 PAIRS OF ANVILS**



## DATAmet FUNCTIONS



- Industry 4.0 adopted DOUBLE range Universal micrometer with computerized MICS system with 2,4" color Touchscreen
- STANDARD range (25mm) reading system with 0.1 micron resolution
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- INCLUDE 7 pairs of interchangeable anvils (Flat, Spherical, Disk, Blade, Point, Spline, Knife edge). Custom anvils for request
- 4 MODES DATA TRANSFER: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- OPTIONAL MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No   | Range   |      | Resol. | Accur. | NON-ROTATING | Analog scale | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory                                                     | WIRELESS | USB | MODBUS RTU |
|-----------|---------|------|--------|--------|--------------|--------------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|------------------------------------------------------------|----------|-----|------------|
|           | mm      | inch | mm     | µm     |              |              |         |        |         |         |         |       |           |             |             |          |                                                            |          |     |            |
| 110750258 | 0-25    | 0-1" | 0,0001 | ±3     | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val<br>Long range / HID<br>USB HID / Update |          |     |            |
| 110750508 | 25-50   | 1-2" |        | ±3     | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                                                            |          |     |            |
| 110750758 | 50-75   | 2-3" |        | ±4     | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                                                            |          |     |            |
| 110751008 | 75-100  | 3-4" |        | ±4     | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                                                            |          |     |            |
| 110751258 | 100-125 | 4-5" |        | ±5     | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                                                            |          |     |            |
| 110751508 | 125-150 | 5-6" |        | ±5     | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                                                            |          |     |            |
| 110751758 | 150-175 | 6-7" |        | ±6     | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                                                            |          |     |            |
| 110752008 | 175-200 | 7-8" |        | ±7     | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                                                            |          |     |            |



DataMet interface



CONNECTION possibilities



VIDEO

## DELIVERY SET

FREE VERSIONS OF MDS APP



USB DATA/CHARGING CABLE



CALIBRATION PROTOCOL



UNIVERSAL ANVILS SET

## OPTIONAL

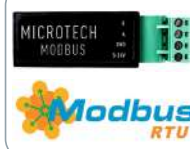
DATAMET BUTTON



MDS SOFTWARE



MDS DISPLAY UNIT



Modbus RTU



THREAD STANDARDS



THREAD ANVILS SET



DISK ANVILS



BALL ANVILS SET



DOWNLOAD MDS app WINDOWS

Windows



DOWNLOAD MDS app iOS, MacOS

macOS

iOS



DOWNLOAD MDS app ANDROID

android

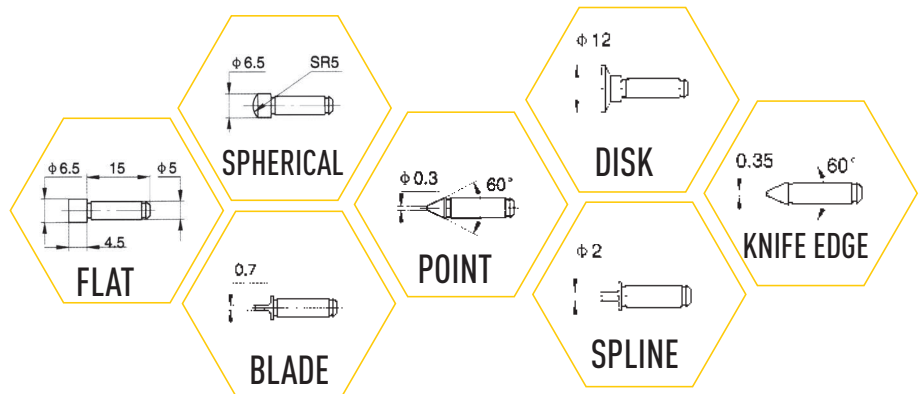


**NON-ROTATING  
0-50mm RANGE**

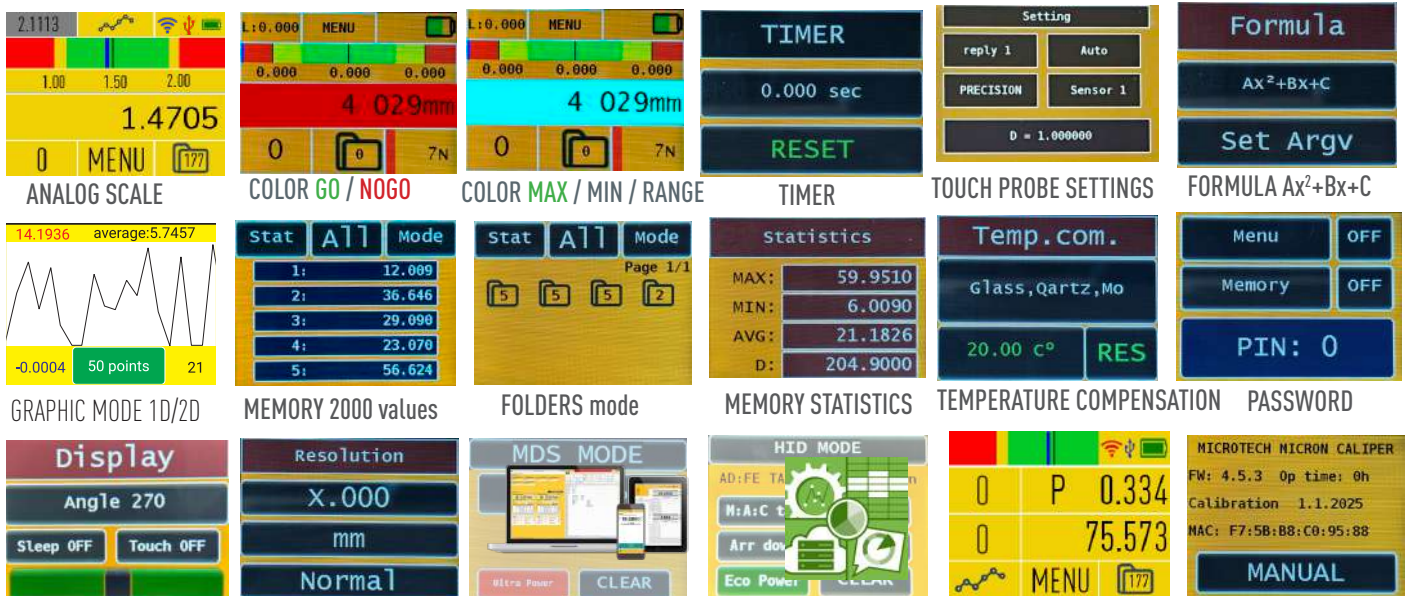


0,5µm

**UNIVERSAL ANVILS SET INCLUDES  
7 PAIRS OF ANVILS**



## DATA MET FUNCTIONS





- Industry 4.0 adopted DOUBLE range Universal micrometer with computerized MICS system with 2,4" color Touchscreen
- **WIDE RANGE (50mm) SWISS** reading system
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- INCLUDE 7 pairs of interchangeable anvils (Flat, Spherical, Disk, Blade, Point, Spline, Knife edge). Custom anvils for request
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- OPTIONAL MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No   | Range    |        | Resol. | Accur. | NON-ROTATING | Analog scale | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory             | WIRELESS         | USB              | MODBUS RTU |
|-----------|----------|--------|--------|--------|--------------|--------------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------------------|------------------|------------------|------------|
|           | mm       | inch   | mm     | µm     |              |              |         |        |         |         |         |       |           |             |             |          |                    |                  |                  |            |
| 110750509 | 0-50     | 0-2"   | 0,0005 | ±2.5   | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val | Long range / HID | USB HID / Update | option     |
| 110751009 | 50-100   | 2-4"   |        | ±3     | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |            |
| 110751509 | 100-150  | 4-6"   |        | ±4     | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |            |
| 110752009 | 150-200  | 6-8"   |        | ±6     | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |            |
| 110752509 | 200-250  | 8-10"  |        | ±6     | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |            |
| 110753009 | 250-300  | 10-12" |        | ±6     | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |            |
| 110753509 | 300-350  | 12-14" |        | ±7     | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |            |
| 110754009 | 350-400  | 14-16" |        | ±7     | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |            |
| 110754509 | 400-450  | 16-18" |        | ±8     | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |            |
| 110755009 | 450-500  | 18-20" |        | ±8     | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |            |
| 110755509 | 500-550  | 20-22" |        | ±9     | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |            |
| 110756009 | 550-600  | 22-24" |        | ±9     | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |            |
| 110756509 | 600-650  | 24-26" |        | ±10    | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |            |
| 110757009 | 650-700  | 26-28" |        | ±10    | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |            |
| 110757509 | 700-750  | 28-30" |        | ±10    | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |            |
| 110758009 | 750-800  | 30-32" |        | ±10    | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |            |
| 110758509 | 800-850  | 32-34" |        | ±11    | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |            |
| 110759009 | 850-900  | 34-36" |        | ±11    | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |            |
| 110759509 | 900-950  | 36-38" |        | ±12    | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |            |
| 110759909 | 950-1000 | 38-40" |        | ±12    | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |            |



DataMet interface

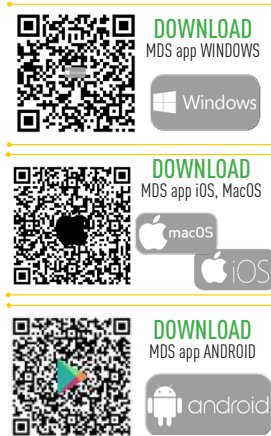


CONNECTION possibilities

## DELIVERY SET



## OPTIONAL





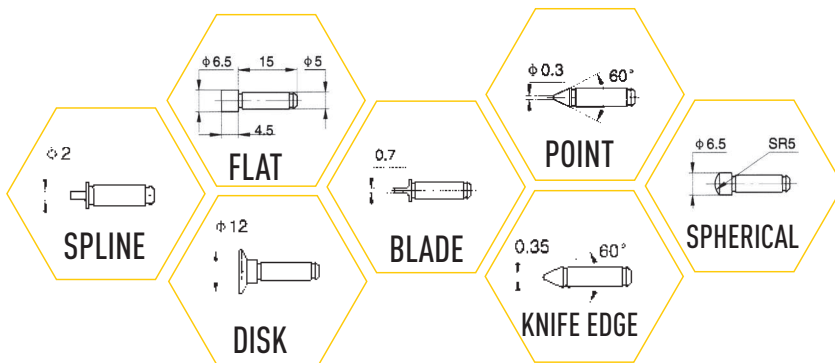
**NON-ROTATING  
0-50mm RANGE**



OPTIONAL MODBUS ASCII, MODBUS TCP/IP



**UNIVERSAL ANVILS SET INCLUDES  
7 PAIRS OF ANVILS**



## DATAmet FUNCTIONS



- Industry 4.0 adopted sub-micron Tablet micrometer with computerized MICS system with 2.4" color Touchscreen
- STANDARD range (25mm) or **WIDE RANGE (50mm) with NON-ROTATING SPINDLE**
- Bench configuration for laboratory using
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- INCLUDE 7 pairs of interchangeable anvils (Flat, Spherical, Disk, Blade, Point, Spline, Knife edge). Custom anvils for request
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))

## UNIVERSAL BENCH DataMet MICROMETER IP65

| Item No   | Range |      | Resol. | Accur. | Anvils set | Non-rotating | Analog scale | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB |
|-----------|-------|------|--------|--------|------------|--------------|--------------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|
|           | mm    | inch | mm     | µm     |            |              |              |         |        |         |         |         |       |           |             |             |          |        |          |     |
| 110750298 | 0-25  | 0-1" | 0,0001 | ±2     | 7 pairs    | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 110750598 | 0-50  | 0-2" | 0,0005 | ±2     |            | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |



DataMet interface



CONNECTION possibilities

## MODBUS UNIVERSAL BENCH DataMet MICROMETER IP65

| Item No    | Range |      | Resol. | Accur. | Anvils set | Non-rotating | Analog scale | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB | MODBUS RTU | MODBUS ASCII | MODBUS TCP/IP |
|------------|-------|------|--------|--------|------------|--------------|--------------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|------------|--------------|---------------|
|            | mm    | inch | mm     | µm     |            |              |              |         |        |         |         |         |       |           |             |             |          |        |          |     |            |              |               |
| 110750298M | 0-25  | 0-1" | 0,0001 | ±2     | 7 pairs    | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | •            | optional      |
| 110750598M | 0-50  | 0-2" | 0,0005 | ±2     |            | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | •            | optional      |



MODBUS protocol



VIDEO

## DELIVERY SET

FREE VERSIONS OF MDS APP

USB DATA/CHARGING CABLE

CALIBRATION PROTOCOL

UNIVERSAL ANVILS SET

## OPTIONAL

DATAmet BUTTON

MDS SOFTWARE

MDS DISPLAY UNIT

MICROTECH MODBUS

THREAD STANDARDS

THREAD ANVILS SET

DISK ANVILS

BALL ANVILS SET



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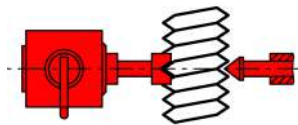


- Industry 4.0 adopted sub-micron Thread micrometer with computerized MICS system with 2.4" color Touchscreen
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Interchangeable anvils SET includes (Metric 60 or Whitworth 55). Custom anvils for request.
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

**NON-ROTATING**



0,1µm



**NON-ROTATING  
0-50mm RANGE**

**THREAD ANVILS SET INCLUDES**

**DATAmet FUNCTIONS**

|                                  |                                  |                                       |                                 |                                        |                        |
|----------------------------------|----------------------------------|---------------------------------------|---------------------------------|----------------------------------------|------------------------|
| <p><b>ANALOG SCALE</b></p>       | <p><b>COLOR GO / NOGO</b></p>    | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>             | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>Formula</b></p>  |
| <p><b>GRAPHIC MODE 1D/2D</b></p> | <p><b>MEMORY 2000 values</b></p> | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p> | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p> |
| <p><b>Display</b></p>            | <p><b>Resolution</b></p>         | <p><b>MDS MODE</b></p>                | <p><b>HID MODE</b></p>          | <p><b>MAIN MENU</b></p>                | <p><b>MANUAL</b></p>   |

## THREAD STANDARDS



| Item No   | Range   |        | Resol. | Accur. | Anvils SET   | Thread standard | NON-ROTATING | Analog scale | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | 2D Synchronize | Memory | WIRELESS | USB |
|-----------|---------|--------|--------|--------|--------------|-----------------|--------------|--------------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|----------------|--------|----------|-----|
|           | mm      | inch   | mm     | μm     |              |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110710258 | 0-25    | 0-1"   | 0,0001 | ±3     | 0.4-7mm 6pcs | -               | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              | •      | •        | •   |
| 110710508 | 25-50   | 1-2"   |        | ±3     |              |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110710758 | 50-75   | 2-3"   |        | ±4     |              |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110711008 | 75-100  | 3-4"   |        | ±4     |              |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110711258 | 100-125 | 4-5"   |        | ±5     |              |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110711508 | 125-150 | 5-6"   |        | ±5     |              |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110711758 | 150-175 | 6-7"   |        | ±6     |              |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110712008 | 175-200 | 7-8"   |        | ±7     |              |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110712258 | 200-225 | 8-9"   |        | ±7     |              |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110712508 | 225-250 | 9-10"  |        | ±8     |              |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110712758 | 250-275 | 10-11" |        | ±8     |              |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110713008 | 275-300 | 11-12" |        | ±8     |              |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110713258 | 325-350 | 12-13" |        | ±9     |              |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110713508 | 350-375 | 13-14" |        | ±9     |              |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110713758 | 250-375 | 14-15" |        | ±10    |              |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110714008 | 375-400 | 15-16" |        | ±10    |              |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |

| Item No   | STANDARDS           |
|-----------|---------------------|
| 110710005 | 50 mm METRIC 60     |
| 110710010 | 100 mm METRIC 60    |
| 110710015 | 150 mm METRIC 60    |
| 110710020 | 200 mm METRIC 60    |
| 110710025 | 250 mm METRIC 60    |
| 110710030 | 300 mm METRIC 60    |
| 110710035 | 350 mm METRIC 60    |
| 110710040 | 400 mm METRIC 60    |
| 110710045 | 450 mm METRIC 60    |
| 110720005 | 50 mm WHITWORTH 55  |
| 110720010 | 100 mm WHITWORTH 55 |
| 110720015 | 150 mm WHITWORTH 55 |
| 110720020 | 200 mm WHITWORTH 55 |
| 110720025 | 250 mm WHITWORTH 55 |
| 110720030 | 300 mm WHITWORTH 55 |
| 110720035 | 350 mm WHITWORTH 55 |
| 110720040 | 400 mm WHITWORTH 55 |
| 110720045 | 450 mm WHITWORTH 55 |

## THREAD WHITWORTH DataMet MICROMETER IP65

| Item No   | Range   |        | Resol. | Accur. | Anvils SET       | Thread standard | NON-ROTATING | Analog scale | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | 2D Synchronize | Memory | WIRELESS | USB |
|-----------|---------|--------|--------|--------|------------------|-----------------|--------------|--------------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|----------------|--------|----------|-----|
|           | mm      | inch   | mm     | μm     |                  |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110720258 | 0-25    | 0-1"   | 0,0001 | ±3     | 60-3.5 TPI 10pcs | -               | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              | •      | •        | •   |
| 110720508 | 25-50   | 1-2"   |        | ±3     |                  |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110720758 | 50-75   | 2-3"   |        | ±4     |                  |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110721008 | 75-100  | 3-4"   |        | ±4     |                  |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110721258 | 100-125 | 4-5"   |        | ±5     |                  |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110721508 | 125-150 | 5-6"   |        | ±5     |                  |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110721758 | 150-175 | 6-7"   |        | ±6     |                  |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110722008 | 175-200 | 7-8"   |        | ±7     |                  |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110722258 | 200-225 | 8-9"   |        | ±7     |                  |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110722508 | 225-250 | 9-10"  |        | ±8     |                  |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110722758 | 250-275 | 10-11" |        | ±8     |                  |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110723008 | 275-300 | 11-12" |        | ±8     |                  |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110723258 | 325-350 | 12-13" |        | ±9     |                  |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110723508 | 350-375 | 13-14" |        | ±9     |                  |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110723758 | 250-375 | 14-15" |        | ±10    |                  |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110724008 | 375-400 | 15-16" |        | ±10    |                  |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |



DataMet interface



CONNECTION possibilities



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macOS  
iOS



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## DELIVERY SET



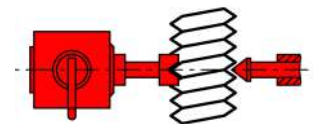
## OPTIONAL







THREAD ANVILS SET INCLUDES



## DATAmet FUNCTIONS

|                           |                           |                                |                          |                                 |                                       |
|---------------------------|---------------------------|--------------------------------|--------------------------|---------------------------------|---------------------------------------|
| <p>ANALOG SCALE</p>       | <p>COLOR GO / NOGO</p>    | <p>COLOR MAX / MIN / RANGE</p> | <p>TIMER</p>             | <p>TOUCH PROBE SETTINGS</p>     | <p>FORMULA <math>Ax^2+Bx+C</math></p> |
| <p>GRAPHIC MODE 1D/2D</p> | <p>MEMORY 2000 values</p> | <p>FOLDERS mode</p>            | <p>MEMORY STATISTICS</p> | <p>TEMPERATURE COMPENSATION</p> | <p>PASSWORD</p>                       |
| <p>Display</p>            | <p>Resolution</p>         | <p>MDS MODE</p>                | <p>HID MODE</p>          | <p>MICROTECH MICRON CALIPER</p> |                                       |

- Industry 4.0 adopted sub-micron Thread micrometer with computerized MICS system with 2.4" color Touchscreen
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Interchangeable anvils SET includes (Metric 60 or Whitworth 55). Custom anvils for request.
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))

## THREAD BENCH DataMet MICROMETER IP65

| Item No   | Range |      | Resol. | Accur. | Anvils SET |              | Thread standard | NON-ROTATING | Analog scale | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | 2D Synchronize | Memory | WIRELESS | USB |
|-----------|-------|------|--------|--------|------------|--------------|-----------------|--------------|--------------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|----------------|--------|----------|-----|
|           | mm    | inch | mm     | µm     | Metric 60  | Whitworth 55 |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |
| 110710599 | 0-50  | 0-2" | 0,0001 | ±3     | •          |              | OPTION          | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              | •      | •        | •   |
| 110720599 |       |      |        | ±3     |            | •            |                 | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              | •      | •        | •   |
| 110740599 |       |      |        | ±3     | •          | •            |                 | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              | •      | •        | •   |

## MODBUS THREAD BENCH DataMet MICROMETER IP65

| Item No    | Range |      | Resol. | Accur. | Anvils SET |              | Thread standard | NON-ROTATING | Analog scale | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | 2D Synchronize | Memory | WIRELESS | USB | MODBUS RTU | MODBUS ASCII | MODBUS TCP/ |
|------------|-------|------|--------|--------|------------|--------------|-----------------|--------------|--------------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|----------------|--------|----------|-----|------------|--------------|-------------|
|            | mm    | inch | mm     | µm     | Metric 60  | Whitworth 55 |                 |              |              |         |        |         |         |         |       |           |             |             |          |                |        |          |     |            |              |             |
| 110710599M | 0-50  | 0-2" | 0,0001 | ±3     | •          |              | OPTION          | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              | •      | •        | •   | •          | •            | •           |
| 110720599M |       |      |        | ±3     |            | •            |                 | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              | •      | •        | •   | •          | •            | •           |
| 110740599M |       |      |        | ±3     | •          | •            |                 | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              | •      | •        | •   | •          | •            | •           |



DataMet interface



CONNECTION possibilities



MODBUS protocol



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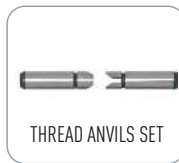
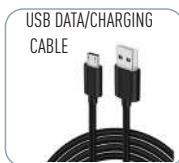
macOS  
iOS



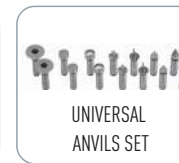
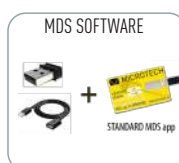
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android

## DELIVERY SET



## OPTIONAL



- **CertiMet DISK** digital micrometer IP65
- **NON-rotating spindle** with Disk anvils D 20
- Friction thimble micrometer head
- Functions: mm/inch, origin, hold
- Aluminium housing with IP65 protection
- **Calibration** certificate included (ISO17025 (Ilac MRA))

## NON-ROTATING



| Item No   | Range  |      | Reso-<br>lution | Accu-<br>racy | Disk | Protection | NON-ROTATING | mm/inch | ABS/INC | HOLD |
|-----------|--------|------|-----------------|---------------|------|------------|--------------|---------|---------|------|
|           | mm     | inch | mm              | µm            | mm   |            |              |         |         |      |
| 110780251 | 0-25   | 0-1" | 0,001           | ±4            | D 20 | IP65       | •            | •       | •       | •    |
| 110780501 | 25-50  | 1-2" |                 | ±4            |      |            | •            | •       | •       | •    |
| 110780751 | 50-75  | 2-3" |                 | ±5            |      |            | •            | •       | •       | •    |
| 110781001 | 75-100 | 3-4" |                 | ±5            |      |            | •            | •       | •       | •    |

## DELIVERY SET



## OPTIONAL





- Industry 4.0 adopted sub-micron DISK micrometer with computerized MICS system for measuring Gear tooth width
- NON-rotating spindle with Disk anvils D 20
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

## NON-ROTATING



| Item No   | Range  |      | Reso-<br>lution | Accu-<br>racy | Disk | Protection | NON-ROTATING | Analog scale | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory         | WIRELESS   | USB       |
|-----------|--------|------|-----------------|---------------|------|------------|--------------|--------------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|----------------|------------|-----------|
|           | mm     | inch | mm              | μm            | mm   |            |              |              |         |        |         |         |         |       |           |             |             |          |                |            |           |
| 110780258 | 0-25   | 0-1" | 0,0001          | ±3            | D 20 | IP65       | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 | Long range | USB HID / |
| 110780508 | 25-50  | 1-2" |                 | ±3            |      |            | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                |            |           |
| 110780758 | 50-75  | 2-3" |                 | ±4            |      |            | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                |            |           |
| 110781008 | 75-100 | 3-4" |                 | ±4            |      |            | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                |            |           |



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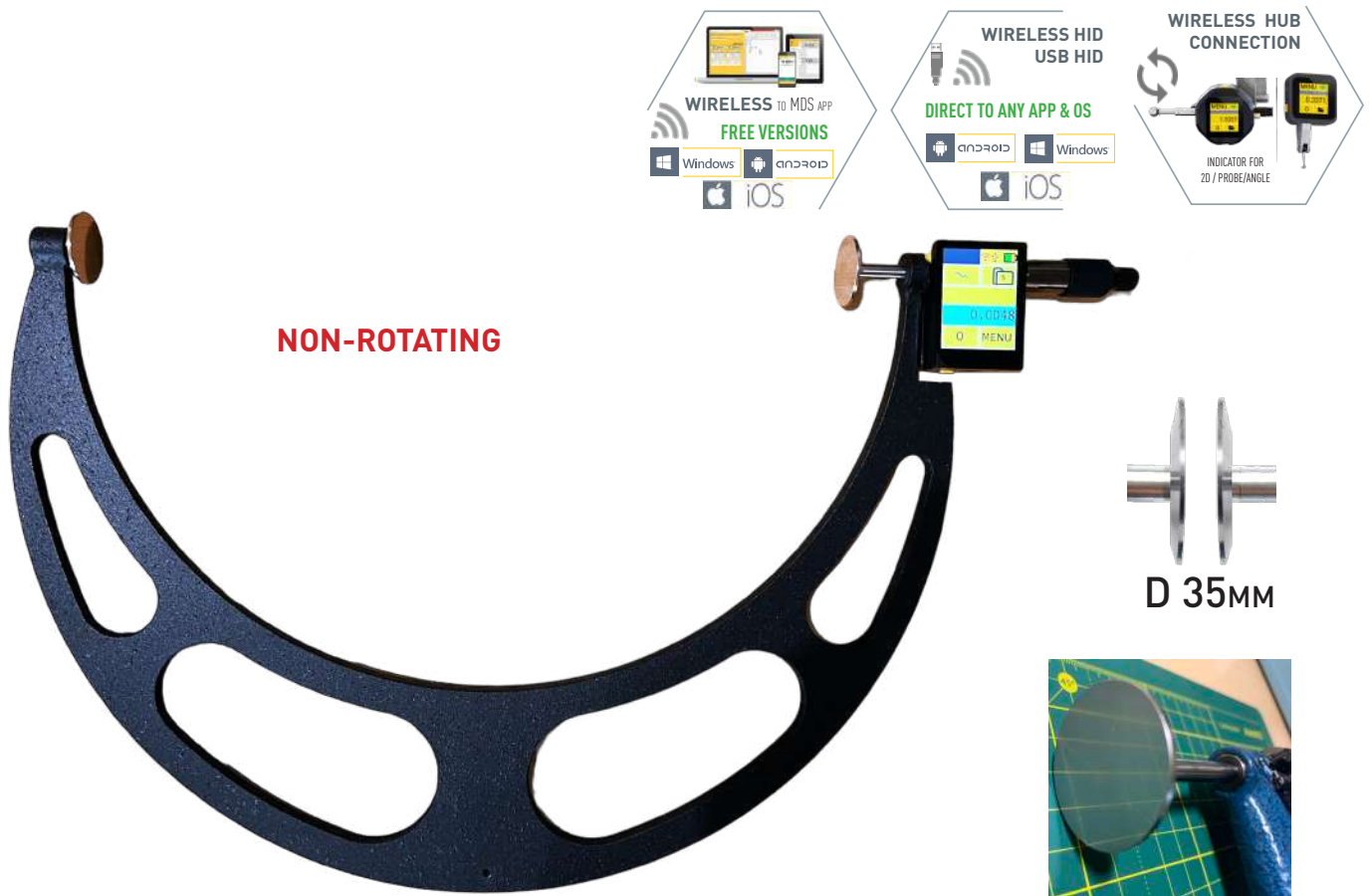
## DELIVERY SET



## OPTIONAL







## DataMet FUNCTIONS

|                                  |                                  |                                       |                                 |                                        |                                              |
|----------------------------------|----------------------------------|---------------------------------------|---------------------------------|----------------------------------------|----------------------------------------------|
| <p><b>ANALOG SCALE</b></p>       | <p><b>COLOR GO / NOGO</b></p>    | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>             | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> |
| <p><b>GRAPHIC MODE 1D/2D</b></p> | <p><b>MEMORY 2000 values</b></p> | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p> | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>                       |
| <p><b>Display</b></p>            | <p><b>Resolution</b></p>         | <p><b>MDS MODE</b></p>                | <p><b>HID MODE</b></p>          | <p><b>MICROTECH MICRON CALIPER</b></p> | <p><b>MANUAL</b></p>                         |

- Industry 4.0 adopted sub-micron DISK micrometer with computerized MICS system for measuring Gear tooth width
- NON-rotating spindle with Disk anvils D 35mm (custom Disk anvils up to 60mm for request)
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No   | Range   |        | Reso-<br>lution | Accu-<br>racy | Disk | NON-ROTATING | Analog scale | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory             | WIRELESS         | USB              |
|-----------|---------|--------|-----------------|---------------|------|--------------|--------------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------------------|------------------|------------------|
|           | mm      | inch   | mm              | μm            | mm   |              |              |         |        |         |         |         |       |           |             |             |          |                    |                  |                  |
| 110780257 | 0-25    | 0-1"   | 0,0001          | ±4            | D 35 | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val | Long range / HID | USB HID / Update |
| 110780507 | 25-50   | 1-2"   |                 | ±4            |      | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110780757 | 50-75   | 2-3"   |                 | ±5            |      | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110781007 | 75-100  | 3-4"   |                 | ±5            |      | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110781257 | 100-125 | 4-5"   |                 | ±7            |      | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110781507 | 125-150 | 5-6"   |                 | ±7            |      | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110781757 | 150-175 | 6-7"   |                 | ±8            |      | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110782007 | 175-200 | 7-8"   |                 | ±8            |      | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110782257 | 200-225 | 8-9"   |                 | ±8            |      | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110782507 | 225-250 | 9-10"  |                 | ±8            |      | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110782757 | 250-275 | 10-11" |                 | ±8            |      | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110783007 | 275-300 | 11-12" |                 | ±8            |      | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110783257 | 300-325 | 12-13" |                 | ±9            |      | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110783507 | 325-350 | 13-14" |                 | ±9            |      | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110783757 | 350-375 | 14-15" |                 | ±9            |      | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110784007 | 375-400 | 15-16" |                 | ±9            |      | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110784257 | 400-425 | 16-17" |                 | ±10           |      | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110784507 | 425-450 | 17-18" |                 | ±10           |      | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110784757 | 450-475 | 18-19" |                 | ±10           |      | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 110785007 | 475-500 | 19-20" |                 | ±10           |      | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |



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MDS app WINDOWS



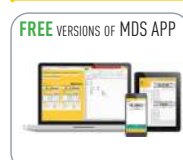
DOWNLOAD  
MDS app iOS, MacOS



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MDS app ANDROID



## DELIVERY SET



## OPTIONAL



0,1µm

NON-ROTATING



BALL ANVILS SET INCLUDES 1-6mm (10pcs)

## DataMet FUNCTIONS

|                           |                           |                                |                          |                                 |                                       |
|---------------------------|---------------------------|--------------------------------|--------------------------|---------------------------------|---------------------------------------|
| <p>ANALOG SCALE</p>       | <p>COLOR GO / NOGO</p>    | <p>COLOR MAX / MIN / RANGE</p> | <p>TIMER</p>             | <p>TOUCH PROBE SETTINGS</p>     | <p>FORMULA <math>Ax^2+Bx+C</math></p> |
| <p>GRAPHIC MODE 1D/2D</p> | <p>MEMORY 2000 values</p> | <p>FOLDERS mode</p>            | <p>MEMORY STATISTICS</p> | <p>TEMPERATURE COMPENSATION</p> | <p>PASSWORD</p>                       |
| <p>Display</p>            | <p>Resolution</p>         | <p>MDS MODE</p>                | <p>HID MODE</p>          |                                 | <p>MICROTECH MICRON CALIPER</p>       |



- Industry 4.0 adopted sub-micron BALL anvils micrometer for measuring over pin diameter of Gear
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Interchangeable anvils SET includes (Ball D 1-6mm / Module 0,6-3,5/ Pitch 7-45 10pcs).
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No   | Range   |      | Resol. | Accur. | Anvils SET             | NON-ROTATING | Analog scale | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | 2D Synchronize | Memory                                                     | WIRELESS | USB |
|-----------|---------|------|--------|--------|------------------------|--------------|--------------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|----------------|------------------------------------------------------------|----------|-----|
|           | mm      | inch | mm     | μm     |                        |              |              |         |        |         |         |         |       |           |             |             |          |                |                                                            |          |     |
| 110740258 | 0-25    | 0-1" | 0,0001 | ±3     | Ball anvils SET 10 pcs | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              | Folders / 2000 val<br>Long range / HID<br>USB HID / Update |          |     |
| 110740508 | 25-50   | 1-2" |        | ±3     |                        | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              |                                                            |          |     |
| 110740758 | 50-75   | 2-3" |        | ±4     |                        | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              |                                                            |          |     |
| 110741008 | 75-100  | 3-4" |        | ±4     |                        | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              |                                                            |          |     |
| 110741258 | 100-125 | 4-5" |        | ±5     |                        | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              |                                                            |          |     |
| 110741508 | 125-150 | 5-6" |        | ±5     |                        | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              |                                                            |          |     |
| 110741758 | 150-175 | 6-7" |        | ±6     |                        | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              |                                                            |          |     |
| 110742008 | 175-200 | 7-8" |        | ±7     |                        | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              |                                                            |          |     |



## DELIVERY SET



## OPTIONAL





0,5µm

**SWISS**  
READING  
SYSTEM



**NON-ROTATING  
0-50MM RANGE**

**BALL ANVILS SET INCLUDES 1-6mm (10pcs)**

## DataMet FUNCTIONS

|                                  |                                  |                                       |                                 |                                        |                                              |
|----------------------------------|----------------------------------|---------------------------------------|---------------------------------|----------------------------------------|----------------------------------------------|
| <p><b>ANALOG SCALE</b></p>       | <p><b>COLOR GO / NOGO</b></p>    | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>             | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> |
| <p><b>GRAPHIC MODE 1D/2D</b></p> | <p><b>MEMORY 2000 values</b></p> | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p> | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>                       |
| <p><b>Display</b></p>            | <p><b>Resolution</b></p>         | <p><b>MDS MODE</b></p>                | <p><b>HID MODE</b></p>          | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>MICROTECH MICRON CALIPER</b></p>       |

- Industry 4.0 adopted sub-micron BALL anvils micrometer for measuring over pin diameter of Gear
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Interchangeable anvils SET includes (Ball D 1-6mm / Module 0,6-3,5/ Pitch 7-45 10pcs).
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No    | Range    |        | Resol. | Accur. | Anvils SET                   | NON-ROTATING | Analog scale | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | 2D Synchronize | Memory             | WIRELESS         | USB              | MODBUS RTU |
|------------|----------|--------|--------|--------|------------------------------|--------------|--------------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|----------------|--------------------|------------------|------------------|------------|
|            | mm       | inch   | mm     | µm     |                              |              |              |         |        |         |         |         |       |           |             |             |          |                |                    |                  |                  |            |
| 110740509  | 0-50     | 0-2"   | 0,0005 | ±3     | Ball anvils SET 10 pcs 1-6mm | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              | Folders / 2000 val | Long range / HID | USB HID / Update | option     |
| 110741009  | 50-100   | 2-4"   |        | ±4     |                              | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              |                    |                  |                  |            |
| 110741509  | 100-150  | 4-6"   |        | ±5     |                              | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              |                    |                  |                  |            |
| 110742009  | 150-200  | 6-8"   |        | ±6     |                              | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              |                    |                  |                  |            |
| 110742509  | 200-250  | 8-10"  |        | ±7     |                              | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              |                    |                  |                  |            |
| 110743009  | 250-300  | 10-12" |        | ±7     |                              | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              |                    |                  |                  |            |
| 110743509  | 300-350  | 12-14" |        | ±8     |                              | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              |                    |                  |                  |            |
| 110744009  | 350-400  | 14-16" |        | ±8     |                              | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              |                    |                  |                  |            |
| 110744509  | 400-450  | 16-18" |        | ±10    |                              | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              |                    |                  |                  |            |
| 110745009  | 450-500  | 18-20" |        | ±12    |                              | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              |                    |                  |                  |            |
| 110745509  | 500-550  | 20-22" |        | ±12    |                              | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              |                    |                  |                  |            |
| 110746009  | 550-600  | 22-24" |        | ±14    |                              | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              |                    |                  |                  |            |
| 110746509  | 600-650  | 24-26" |        | ±14    |                              | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              |                    |                  |                  |            |
| 110747009  | 650-700  | 26-28" |        | ±14    |                              | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              |                    |                  |                  |            |
| 110747509  | 700-750  | 28-30" |        | ±16    |                              | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              |                    |                  |                  |            |
| 110748009  | 750-800  | 30-32" |        | ±16    |                              | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              |                    |                  |                  |            |
| 1107485009 | 800-850  | 32-34" |        | ±18    |                              | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              |                    |                  |                  |            |
| 110749009  | 850-900  | 34-36" |        | ±18    |                              | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              |                    |                  |                  |            |
| 110749509  | 900-950  | 36-38" |        | ±20    |                              | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              |                    |                  |                  |            |
| 110749909  | 950-1000 | 38-40" |        | ±20    |                              | •            | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •              |                    |                  |                  |            |



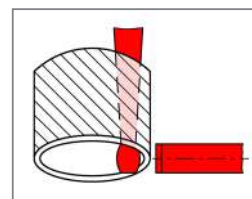
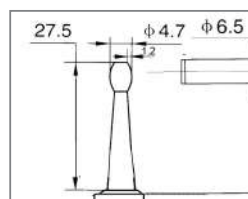
## DELIVERY SET



## OPTIONAL



- **CertiMet** TUBE digital micrometer IP65
- Friction thimble micrometer head
- Functions: mm/inch, origin, hold
- Aluminium housing with IP65 protection
- Custom size Tube anvil for request
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No   | Range  |      | Reso-<br>lution | Accu-<br>racy | Anvils<br>types | Protection | NON-ROTATING | mm/inch | ABS/INC | HOLD |
|-----------|--------|------|-----------------|---------------|-----------------|------------|--------------|---------|---------|------|
|           | mm     | inch | mm              | μm            |                 |            |              |         |         |      |
| 110350251 | 0-25   | 0-1" | 0,001           | ±3            | Tube D<br>4.7   | IP65       | •            | •       | •       | •    |
| 110350501 | 25-50  | 1-2" |                 | ±3            |                 |            | •            | •       | •       | •    |
| 110350751 | 50-75  | 2-3" |                 | ±3            |                 |            | •            | •       | •       | •    |
| 110351001 | 75-100 | 3-4" |                 | ±3            |                 |            | •            | •       | •       | •    |

## DELIVERY SET

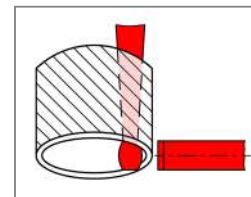
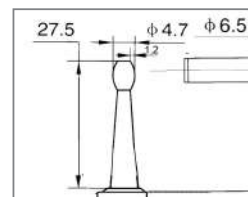


## OPTIONAL

STANDS



- **Computerized** TUBE micrometers with 0.1 micron resolution
- Computerized **MICS** indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No   | Range  |      | Reso-<br>lution | Accu-<br>racy | Anvils<br>types | Proof | Preset | Analog scale | Graphic | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory   | WIRELESS  | USB     |
|-----------|--------|------|-----------------|---------------|-----------------|-------|--------|--------------|---------|---------|---------|---------|-------|-----------|-------------|-------------|----------|----------|-----------|---------|
|           | mm     | inch | mm              | μm            |                 |       |        |              |         |         |         |         |       |           |             |             |          |          |           |         |
| 110350258 | 0-25   | 0-1" | <b>0,0001</b>   | ±2            | Tube D<br>4.7   | IP-65 | •      | •            | •       | •       | •       | •       | •     | •         | •           | •           | •        | 2000 val | Long+ HID | USB HID |
| 110350508 | 25-50  | 1-2" |                 | ±2            |                 |       | •      | •            | •       | •       | •       | •       | •     | •         | •           | •           | •        |          |           |         |
| 110350758 | 50-75  | 2-3" |                 | ±2.5          |                 |       | •      | •            | •       | •       | •       | •       | •     | •         | •           | •           | •        |          |           |         |
| 110351008 | 75-100 | 3-4" |                 | ±2.5          |                 |       | •      | •            | •       | •       | •       | •       | •     | •         | •           | •           | •        |          |           |         |



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MDS app WINDOWS



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MDS app iOS, MacOS



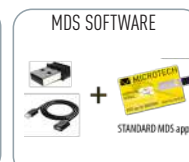
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MDS app ANDROID



## DELIVERY SET

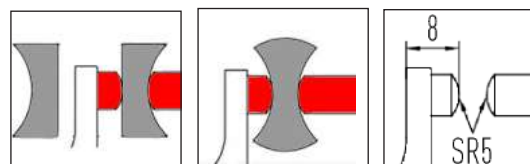


## OPTIONAL





- **CertiMet** DOUBLE SPHERICAL digital micrometer IP65
- Friction thimble micrometer head
- Functions: mm/inch, origin, hold
- Aluminium housing with IP65 protection
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No   | Range  |      | Resolution | Accuracy | Anvils types    | Protection | NON-ROTATING | mm/inch | ABS/INC | HOLD |
|-----------|--------|------|------------|----------|-----------------|------------|--------------|---------|---------|------|
|           | mm     | inch | mm         | µm       |                 |            |              |         |         |      |
| 110360251 | 0-25   | 0-1" | 0,001      | ±3       | Sphere<br>R 5mm | IP65       | •            | •       | •       | •    |
| 110360501 | 25-50  | 1-2" |            | ±3       |                 |            | •            | •       | •       | •    |
| 110360751 | 50-75  | 2-3" |            | ±3       |                 |            | •            | •       | •       | •    |
| 110361001 | 75-100 | 3-4" |            | ±3       |                 |            | •            | •       | •       | •    |

## DELIVERY SET

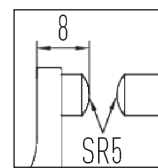
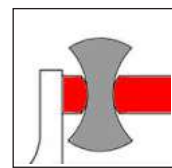
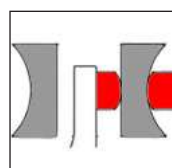


## OPTIONAL

STANDS



- Industry 4.0 adopted **DataMet** DOUBLE SPHERICAL micrometer with computerized MICS system
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))



| Item No   | Range  |      | Reso-<br>lution | Accu-<br>racy | Anvils<br>types | Proof | Preset | Analog scale | Graphic | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory   | WIRELESS  | USB     |
|-----------|--------|------|-----------------|---------------|-----------------|-------|--------|--------------|---------|---------|---------|---------|-------|-----------|-------------|-------------|----------|----------|-----------|---------|
|           | mm     | inch | mm              | μm            |                 |       |        |              |         |         |         |         |       |           |             |             |          |          |           |         |
| 110360258 | 0-25   | 0-1" | 0,0001          | ±2            | Sphere<br>R 5mm | IP-65 | •      | •            | •       | •       | •       | •       | •     | •         | •           | •           | •        | 2000 val | Long+ HID | USB HID |
| 110360508 | 25-50  | 1-2" |                 | ±2            |                 |       | •      | •            | •       | •       | •       | •       | •     | •         | •           | •           | •        |          |           |         |
| 110360758 | 50-75  | 2-3" |                 | ±2.5          |                 |       | •      | •            | •       | •       | •       | •       | •     | •         | •           | •           | •        |          |           |         |
| 110361008 | 75-100 | 3-4" |                 | ±2.5          |                 |       | •      | •            | •       | •       | •       | •       | •     | •         | •           | •           | •        |          |           |         |



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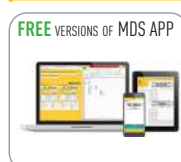


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## DELIVERY SET



## OPTIONAL



- **CertiMet** BLADE digital micrometer IP65
- **NON-rotating spindle** with Blade anvil 6.5x0.75mm
- Friction thimble micrometer head
- Functions: mm/inch, origin, hold
- Aluminium housing with IP65 protection
- **Calibration certificate** included (ISO17025 (Ilac MRA))

**NON-ROTATING**



| Item No   | Range  |      | Reso-<br>lution | Accu-<br>racy | Anvils<br>types | Protection | NON-ROTATING | mm/inch | ABS/INC | HOLD |
|-----------|--------|------|-----------------|---------------|-----------------|------------|--------------|---------|---------|------|
|           | mm     | inch | mm              | µm            |                 |            |              |         |         |      |
| 110660251 | 0-25   | 0-1" | 0,001           | ±4            | 6,5x0,75mm      | IP65       | •            | •       | •       | •    |
| 110660501 | 25-50  | 1-2" |                 | ±4            |                 |            | •            | •       | •       | •    |
| 110660751 | 50-75  | 2-3" |                 | ±5            |                 |            | •            | •       | •       | •    |
| 110661001 | 75-100 | 3-4" |                 | ±5            |                 |            | •            | •       | •       | •    |

**DELIVERY SET**



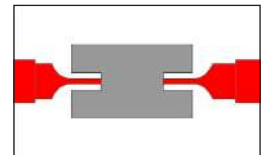
**OPTIONAL**



- Industry 4.0 adopted **DataMet** BLADE non-rotating micrometer with computerized MICS system
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))



## NON-ROTATING



| Item No   | Range  |      | Reso-<br>lution | Accu-<br>racy | Anvils<br>types | Proof | Preset | Analog scale | Graphic | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory   | WIRELESS   | USB     |
|-----------|--------|------|-----------------|---------------|-----------------|-------|--------|--------------|---------|---------|---------|---------|-------|-----------|-------------|-------------|----------|----------|------------|---------|
|           | mm     | inch | mm              | μm            |                 |       |        |              |         |         |         |         |       |           |             |             |          |          |            |         |
| 110660258 | 0-25   | 0-1" | 0,0001          | ±3            | 6,5x<br>0,75mm  | IP-65 | •      | •            | •       | •       | •       | •       | •     | •         | •           | •           | •        | 2000 val | Long + HID | USB HID |
| 110660508 | 25-50  | 1-2" |                 | ±3            |                 |       | •      | •            | •       | •       | •       | •       | •     | •         | •           | •           | •        |          |            |         |
| 110660758 | 50-75  | 2-3" |                 | ±4            |                 |       | •      | •            | •       | •       | •       | •       | •     | •         | •           | •           | •        |          |            |         |
| 110661008 | 75-100 | 3-4" |                 | ±4            |                 |       | •      | •            | •       | •       | •       | •       | •     | •         | •           | •           | •        |          |            |         |



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## DELIVERY SET



## OPTIONAL



- **CertiMet** CABLE CRIMPING digital micrometer IP65
- Point&Blade anvils for cable crimping measuring
- Friction thimble micrometer head
- Functions: mm/inch, origin, hold
- Aluminium housing with IP65 protection
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No   | Range |        | Resolution | Accuracy | Anvils types              | Protection | mm/inch | ABS/INC | HOLD |
|-----------|-------|--------|------------|----------|---------------------------|------------|---------|---------|------|
|           | mm    | inch   | mm         | µm       |                           |            |         |         |      |
| 110550251 | 0-20  | 0-0.8" | 0.001      | ±4       | Point & Blade<br>0.75x6.5 | IP-65      | •       | •       | •    |

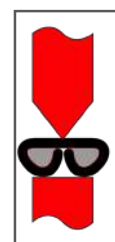
## DELIVERY SET



## OPTIONAL



- Industry 4.0 adopted DataMet CABLE CRIMPING micrometer with computerized MICS system
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))



| Item No   | Range |        | Resolution | Accuracy | Anvils types              | Proof | Preset | Analog scale | Graphic | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB |
|-----------|-------|--------|------------|----------|---------------------------|-------|--------|--------------|---------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|
|           | mm    | inch   | mm         | µm       |                           |       |        |              |         |         |         |         |       |           |             |             |          |        |          |     |
| 110550258 | 0-20  | 0-0.8" | 0,0001     | ±3       | Point & Blade<br>0.75x6.5 | IP-65 | •      | •            | •       | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |



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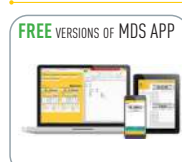
iOS  
MacOS



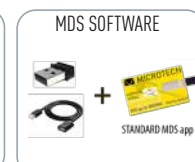
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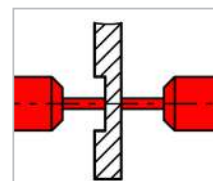
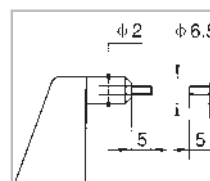
## DELIVERY SET



## OPTIONAL



- **CertiMet** SMALL TIP digital micrometer IP65
- Small tip anvils with D 2mm
- Friction thimble micrometer head
- Functions: mm/inch, origin, hold
- Aluminium housing with IP65 protection
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No   | Range  |      | Resolution | Accuracy | Anvils types | Protection | mm/inch | ABS/INC | HOLD |
|-----------|--------|------|------------|----------|--------------|------------|---------|---------|------|
|           | mm     | inch |            | µm       |              |            |         |         |      |
| 110650251 | 0-25   | 0-1" | 0,001      | ±4       | D 2mm        | IP65       | •       | •       | •    |
| 110650501 | 25-50  | 1-2" |            | ±4       |              |            | •       | •       | •    |
| 110650751 | 50-75  | 2-3" |            | ±5       |              |            | •       | •       | •    |
| 110651001 | 75-100 | 3-4" |            | ±5       |              |            | •       | •       | •    |

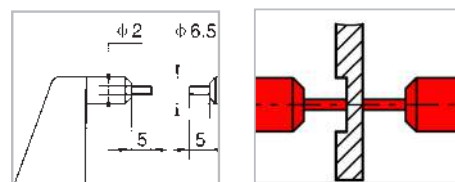
## DELIVERY SET



## OPTIONAL



- Industry 4.0 adopted DataMet SMALL TIP micrometer with computerized MICS system
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))



| Item No   | Range  |      | Reso-<br>lution | Accu-<br>racy | Anvils<br>types | Proof | Preset | Graphic | Analog scale | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory   | WIRELESS  | USB     |
|-----------|--------|------|-----------------|---------------|-----------------|-------|--------|---------|--------------|---------|---------|---------|-------|-----------|-------------|-------------|----------|----------|-----------|---------|
|           | mm     | inch | mm              | μm            |                 |       |        |         |              |         |         |         |       |           |             |             |          |          |           |         |
| 110650258 | 0-25   | 0-1" | 0,0001          | ±3            | D 2mm           | IP-65 | •      | •       | •            | •       | •       | •       | •     | •         | •           | •           | •        | 2000 val | Long+ HID | USB HID |
| 110650508 | 25-50  | 1-2" |                 | ±3            |                 |       | •      | •       | •            | •       | •       | •       | •     | •         | •           | •           | •        |          |           |         |
| 110650758 | 50-75  | 2-3" |                 | ±4            |                 |       | •      | •       | •            | •       | •       | •       | •     | •         | •           | •           | •        |          |           |         |
| 110651008 | 75-100 | 3-4" |                 | ±4            |                 |       | •      | •       | •            | •       | •       | •       | •     | •         | •           | •           | •        |          |           |         |



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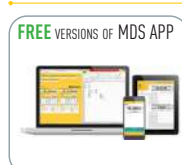


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## DELIVERY SET



## OPTIONAL





- **CertiMet** POINT digital micrometer IP65
- Friction thimble micrometer head
- Functions: mm/inch, origin, hold
- Aluminium housing with IP65 protection
- **Calibration** certificate included (ILAC MRA)



| Item No   | Range  |      | Resolution | Accuracy | Anvils types | Protection | mm/inch | ABS/INC | HOLD |
|-----------|--------|------|------------|----------|--------------|------------|---------|---------|------|
|           | mm     | inch |            | µm       |              |            |         |         |      |
| 110450251 | 0-25   | 0-1" | 0,001      | ±4       | Pointed      | IP65       | •       | •       | •    |
| 110450501 | 25-50  | 1-2" |            | ±4       |              |            | •       | •       | •    |
| 110450751 | 50-75  | 2-3" |            | ±5       |              |            | •       | •       | •    |
| 110451001 | 75-100 | 3-4" |            | ±5       |              |            | •       | •       | •    |

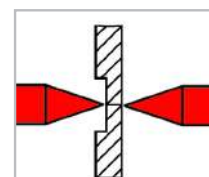
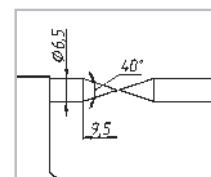
## DELIVERY SET



## OPTIONAL



- Industry 4.0 adopted DataMet POINT micrometer with computerized MICS system
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))



| Item No   | Range  |      | Reso-<br>lution | Accu-<br>racy | Anvils<br>types | Proof | Preset | Graphic | Analog scale | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory   | WIRELESS            | USB |
|-----------|--------|------|-----------------|---------------|-----------------|-------|--------|---------|--------------|---------|---------|---------|-------|-----------|-------------|-------------|----------|----------|---------------------|-----|
|           | mm     | inch | mm              | μm            |                 |       |        |         |              |         |         |         |       |           |             |             |          |          |                     |     |
| 110450258 | 0-25   | 0-1" | 0,0001          | ±3            | Pointed         | IP-65 | •      | •       | •            | •       | •       | •       | •     | •         | •           | •           | •        | 2000 val | Long+HID<br>USB HID |     |
| 110450508 | 25-50  | 1-2" |                 | ±3            |                 |       | •      | •       | •            | •       | •       | •       | •     | •         | •           | •           | •        |          |                     |     |
| 110450758 | 50-75  | 2-3" |                 | ±4            |                 |       | •      | •       | •            | •       | •       | •       | •     | •         | •           | •           | •        |          |                     |     |
| 110451008 | 75-100 | 3-4" |                 | ±4            |                 |       | •      | •       | •            | •       | •       | •       | •     | •         | •           | •           | •        |          |                     |     |



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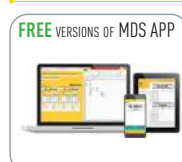
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## DELIVERY SET



## OPTIONAL



- **CertiMet** INSIDE digital micrometer IP65
- Friction thimble micrometer head
- Functions: mm/inch, origin, hold
- Aluminium housing with IP65 protection
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No   | Range  |          | Resolution | Accuracy | Anvils types | Setting ring | Protection | NON-ROTATING | mm/inch | ABS/INC | HOLD |
|-----------|--------|----------|------------|----------|--------------|--------------|------------|--------------|---------|---------|------|
|           | mm     | inch     | mm         | µm       |              |              |            |              |         |         |      |
| 133800301 | 5-30   | 0.2-1.2" | 0,001      | ±5       | D 2mm        | •            | IP65       | •            | •       | •       | •    |
| 133800501 | 25-50  | 1-2"     |            | ±5       | R12mm        | option       |            | •            | •       | •       | •    |
| 133800751 | 50-75  | 2-3"     |            | ±6       |              |              |            | •            | •       | •       | •    |
| 133801001 | 75-100 | 3-4"     |            | ±6       |              |              |            | •            | •       | •       | •    |

## DELIVERY SET



## OPTIONAL



- Industry 4.0 adopted **DataMet** INSIDE micrometer with computerized MICS system
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))



| Item No   | Range   |          | Reso-<br>lution | Accu-<br>racy | Anvils<br>types | Setting<br>ring | Proof | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory   | WIRELESS  | USB     |  |
|-----------|---------|----------|-----------------|---------------|-----------------|-----------------|-------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|----------|-----------|---------|--|
|           | mm      | inch     | mm              | µm            |                 |                 |       |        |         |         |         |       |           |             |             |          |          |           |         |  |
| 133800308 | 5-30    | 0.2-1.2" | 0,0001          | ±4            | D 2mm           | •               | IP-65 | •      | •       | •       | •       | •     | •         | •           | •           | •        | 2000 val | Long+ HID | USB HID |  |
| 133800508 | 25-50   | 1-2"     |                 | ±4            | R12mm           | option          |       | •      | •       | •       | •       | •     | •         | •           | •           | •        |          |           |         |  |
| 133800758 | 50-75   | 2-3"     |                 | ±4            |                 |                 |       | •      | •       | •       | •       | •     | •         | •           | •           | •        |          |           |         |  |
| 133801008 | 75-100  | 3-4"     |                 | ±4            |                 |                 |       | •      | •       | •       | •       | •     | •         | •           | •           | •        |          |           |         |  |
| 133801258 | 100-125 | 4-5"     |                 | ±5            |                 |                 |       | •      | •       | •       | •       | •     | •         | •           | •           | •        |          |           |         |  |
| 133801508 | 125-150 | 5-6"     |                 | ±5            |                 |                 |       | •      | •       | •       | •       | •     | •         | •           | •           | •        |          |           |         |  |
| 133801758 | 150-175 | 6-7"     |                 | ±6            |                 |                 |       | •      | •       | •       | •       | •     | •         | •           | •           | •        |          |           |         |  |
| 133802008 | 175-200 | 7-8"     |                 | ±6            |                 |                 |       | •      | •       | •       | •       | •     | •         | •           | •           | •        |          |           |         |  |
| 133802258 | 200-225 | 8-9"     |                 | ±7            |                 |                 |       | •      | •       | •       | •       | •     | •         | •           | •           | •        |          |           |         |  |
| 133802508 | 225-250 | 9-10"    |                 | ±8            |                 |                 |       | •      | •       | •       | •       | •     | •         | •           | •           | •        |          |           |         |  |
| 133802758 | 250-275 | 10-11"   |                 | ±9            |                 |                 |       | •      | •       | •       | •       | •     | •         | •           | •           | •        |          |           |         |  |
| 133803008 | 275-300 | 11-12"   |                 | ±9            |                 |                 |       | •      | •       | •       | •       | •     | •         | •           | •           | •        |          |           |         |  |



## DELIVERY SET



## OPTIONAL





- **CertiMet** DEPTH digital micrometer IP65
- Friction thimble micrometer head
- Functions: mm/inch, origin, hold
- Aluminium housing with IP65 protection
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No   | Range |       | Resolution | Accuracy | Base | Protection | mm/inch | ABS/INC | HOLD |
|-----------|-------|-------|------------|----------|------|------------|---------|---------|------|
|           | mm    | inch  | mm         | μm       | mm   |            |         |         |      |
| 110900155 | 0-150 | 0-6"  | 0,001      | ±5       | 100  | IP65       | •       | •       | •    |
| 110900205 | 0-200 | 0-8"  |            | ±6       |      |            | •       | •       | •    |
| 110900305 | 0-300 | 0-12" |            | ±8       |      |            | •       | •       | •    |
| 110900335 |       |       |            | ±10      |      |            | •       | •       | •    |

## DELIVERY SET



## OPTIONAL



- Industry 4.0 adopted **DataMet** DEPTH micrometer with computerized MICS system
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))



| Item No   | Range |       | Reso-<br>lution | Accu-<br>racy | Base | Proof | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory   | WIRELESS  | USB     |
|-----------|-------|-------|-----------------|---------------|------|-------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|----------|-----------|---------|
|           | mm    | inch  | mm              | µm            | mm   |       |        |         |         |         |       |           |             |             |          |          |           |         |
| 110900158 | 0-150 | 0-6"  | 0,0001          | ±4            | 100  | IP-65 | •      | •       | •       | •       | •     | •         | •           | •           | •        | 2000 val | Long+ HID | USB HID |
| 110900208 | 0-200 | 0-8"  |                 | ±5            |      |       | •      | •       | •       | •       | •     | •         | •           | •           | •        |          |           |         |
| 110900308 | 0-300 | 0-12" |                 | ±6            |      |       | •      | •       | •       | •       | •     | •         | •           | •           |          |          |           |         |
| 110900338 |       |       |                 | ±8            |      |       | •      | •       | •       | •       | •     | •         | •           | •           |          |          |           |         |



## DELIVERY SET



## OPTIONAL



- **CertiMet** digital MICROMETER HEAD IP65
- Rotating or **Non-rotating** micrometer spindle with 25 or 50mm measuring range
- Functions: mm/inch, origin, ABS
- Electronics with IP65 protection, CR2032 3V battery
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No   | Range |      | Resol. | Accu-<br>racy | Protection | NON-ROTATING | mm/inch | ABS/INC | ABS |
|-----------|-------|------|--------|---------------|------------|--------------|---------|---------|-----|
|           | mm    | inch |        |               |            |              |         |         |     |
| 110180023 | 0-25  | 0-1" | 0.001  | ±2            | IP65       |              | •       | •       | •   |
| 110170023 |       |      |        | ±2            |            | •            | •       | •       | •   |
| 110181053 | 0-50  | 0-2" |        | ±4            |            | •            | •       | •       | •   |

## DELIVERY SET



## OPTIONAL



- Industry 4.0 adopted **DataMet** MICROMETER HEAD with computerized MICS system
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))

TABLET MULTIFUNCTIONAL **MICS**  
2.4" TOUCHSCREEN DISPLAY



0,1µm

| Item No   | Range |      | Resol. | Accu-<br>racy | NON-ROTATING | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory             | WIRELESS  | USB              | MODBUS   |
|-----------|-------|------|--------|---------------|--------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------------------|-----------|------------------|----------|
|           | mm    | inch | mm     | µm            |              |               |         |              |        |         |         |         |       |           |             |             |          |                    |           |                  |          |
| 110180029 | 0-25  | 0-1" | 0,0001 | ±1.5          |              | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val | Long+ HID | USB HID / Update | OPTIONAL |
| 110181029 |       |      |        | ±1.5          | •            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |           |                  |          |
| 110181059 | 0-50  | 0-2" |        | ±2.5          |              | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |           |                  |          |



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DataMet  
interface

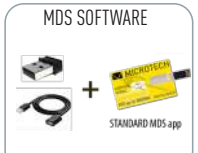


CONNECTION  
possibilities

## DELIVERY SET



## OPTIONAL



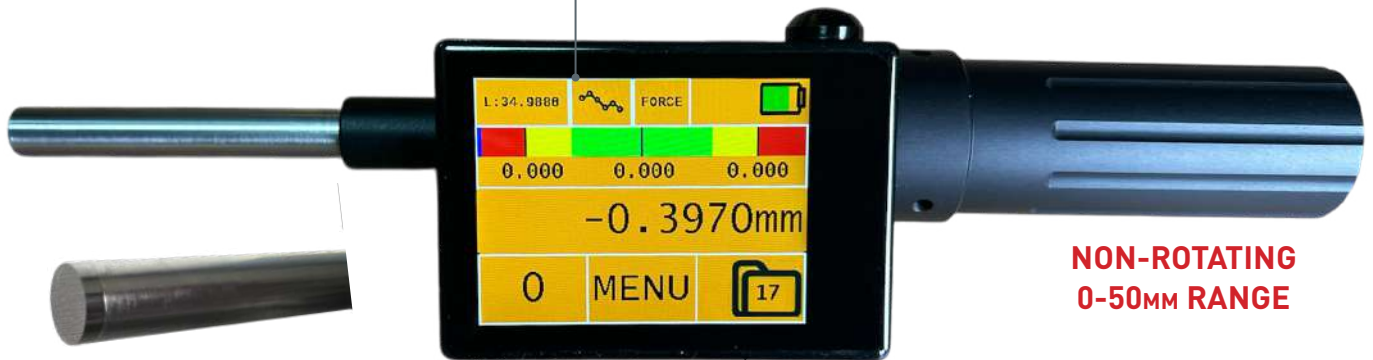


TABLET MULTIFUNCTIONAL MICS  
2.4" TOUCHSCREEN DISPLAY

0,5µm



SWISS  
READING  
SYSTEM



NON-ROTATING  
0-50MM RANGE

FLAT CARBIDE D 8mm



FOR INTERCHANGEABLE ANVILS



## DataMet FUNCTIONS

|                                  |                                  |                                       |                                 |                                        |                                              |
|----------------------------------|----------------------------------|---------------------------------------|---------------------------------|----------------------------------------|----------------------------------------------|
| <p><b>ANALOG SCALE</b></p>       | <p><b>COLOR GO / NOGO</b></p>    | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>             | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> |
| <p><b>GRAPHIC MODE 10/20</b></p> | <p><b>MEMORY 2000 values</b></p> | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p> | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>                       |
| <p><b>Display</b></p>            | <p><b>Resolution</b></p>         | <p><b>MDS MODE</b></p>                | <p><b>HID MODE</b></p>          | <p><b>MICROTECH MICRON CALIPER</b></p> |                                              |

- Industry 4.0 adopted NON-ROTATING WIDE RANGE micrometer head with computerized MICS system with 2,4" color Touchscreen
- **WIDE RANGE (50mm) with NON-ROTATING SPINDLE**
- **SWISS made reading system** resolution **0,5 micron** (0,0005/0,001/0,01/0,1mm selection)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**, **USB HID**
- Optional **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing and handle (CNC machined solid block)
- **Calibration certificate** included (ISO17025 (Ilac MRA))

## NON-ROTATING DataMet MICROMETER HEAD IP65

| Item No   | Range |      | Resolution | Accu-<br>racy | Anvils                 | NON-ROTATING | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB |
|-----------|-------|------|------------|---------------|------------------------|--------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|
|           | mm    | inch | mm         | µm            |                        |              |               |         |              |        |         |         |         |       |           |             |             |          |        |          |     |
| 110188059 | 0-50  | 0-2" | 0,0005     | ±2            | Flat carbide D8mm      | •            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 110185059 |       |      |            |               | Interchangeable anvils | •            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |

## MODBUS NON-ROTATING DataMet MICROMETER HEAD IP65

| Item No   | Range |      | Resolution | Accu-<br>racy | Anvils                 | NON-ROTATING | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB | MODBUS RTU |
|-----------|-------|------|------------|---------------|------------------------|--------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|------------|
|           | mm    | inch | mm         | µm            |                        |              |               |         |              |        |         |         |         |       |           |             |             |          |        |          |     |            |
| 110188059 | 0-50  | 0-2" | 0,0005     | ±2            | Flat carbide D8mm      | •            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          |
| 110185059 |       |      |            |               | Interchangeable anvils | •            | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          |



DataMet  
interface



CONNECTION  
possibilities



MODBUS  
protocol



VIDEO



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## DELIVERY SET

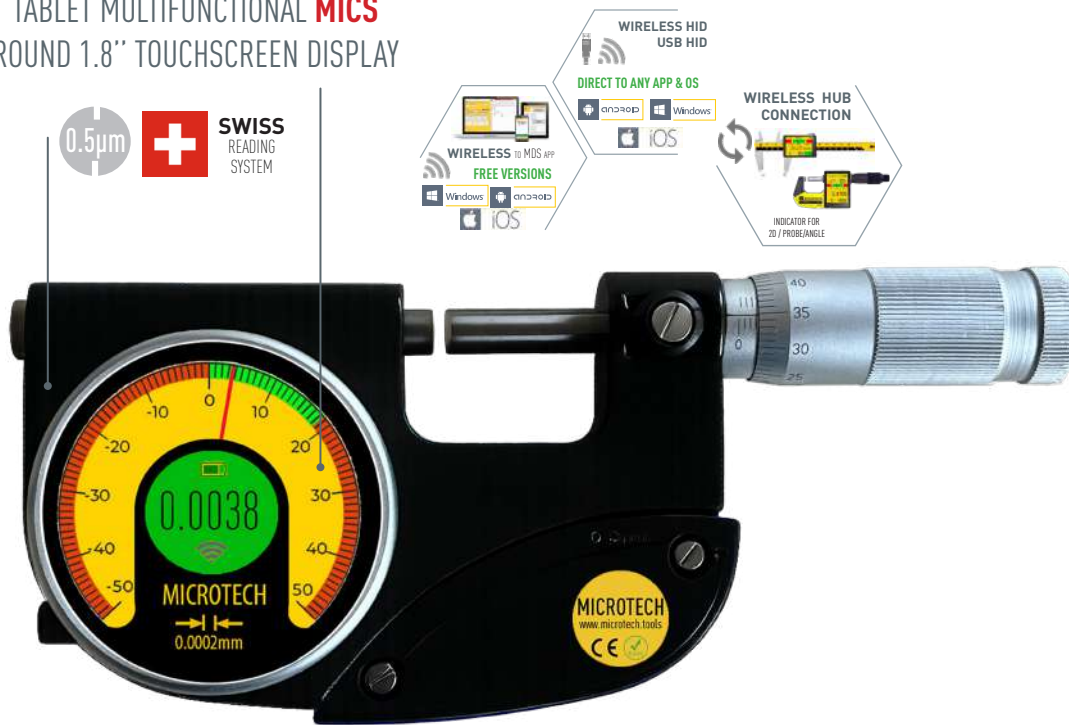


## OPTIONAL



- Industry 4.0 adopted **DataMet** Snap micrometer with 0,5micron resolution
- Anvils D 8 mm
- Supplying with computerized **DataMet** indicator with 0,5micron resolution
- **Functions:** Go/NoGo, Max/Min, MultiPreset, Formula, Timer, Linear correction, Temperature correction
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **SWISS made reading system** resolution **0.5 micron** (0,0005/0,001/0,01/0,1mm selection)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))

## TABLET MULTIFUNCTIONAL MICS ROUND 1.8" TOUCHSCREEN DISPLAY



| Item No   | Range  |      | Resolution |                | Accu-<br>racy | Indicator | Anvils<br>type | Travel<br>mm | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory         | WIRELESS   | USB     | MODBUS RTU |
|-----------|--------|------|------------|----------------|---------------|-----------|----------------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|----------------|------------|---------|------------|
|           |        |      | indicator  | microm<br>head |               |           |                |              |        |         |         |         |       |           |             |             |          |                |            |         |            |
| 114017025 | 0-25   | 0-1" |            |                | ±1            |           |                |              | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 |            |         |            |
| 114017050 | 25-50  | 1-2" |            |                | ±1.2          |           |                |              | •      | •       | •       | •       | •     | •         | •           | •           | •        |                |            |         |            |
| 114017075 | 50-75  | 2-3" | 0,0005     | 0,01           | ±1.5          | ±70       | Flat<br>D 8mm  | 2            | •      | •       | •       | •       | •     | •         | •           | •           | •        |                | Long range | USB HID |            |
| 114017100 | 75-100 | 3-4" |            |                | ±2            |           |                |              | •      | •       | •       | •       | •     | •         | •           | •           | •        |                |            | option  |            |

## DELIVERY SET



## OPTIONAL



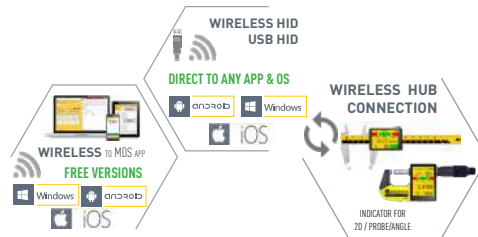


- Industry 4.0 adopted **DataMet** Snap gauge with 0,5micron resolution
- Anvils D 8 mm
- Supplying with computerized **DataMet** indicator with 0,5micron resolution
- **Functions:** Go/NoGo, Max/Min, MultiPreset, Formula, Timer, Linear correction, Temperature correction
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **SWISS made reading system** resolution **0.5 micron** (0,0005/0,001/0,01/0,1mm selection)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))



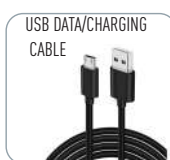
0.5µm

TABLET MULTIFUNCTIONAL MICS  
ROUND 1.8" TOUCHSCREEN DISPLAY



| Item No   | Range   |      | Reso-<br>lution | Accu-<br>racy | Indicator | Anvils<br>type | Travel | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory             | WIRELESS         | USB     | MODBUS RTU |
|-----------|---------|------|-----------------|---------------|-----------|----------------|--------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------------------|------------------|---------|------------|
|           | mm      | inch | mm              | µm            | µm        |                | mm     |        |         |         |         |       |           |             |             |          |                    |                  |         |            |
| 115027025 | 0-25    | 0-1" | 0,0005          | ±1            | ±70       | Flat<br>D 8mm  | 2      | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val | Long range / HID | USB HID | option     |
| 115027050 | 25-50   | 1-2" |                 | ±1.2          |           |                |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |            |
| 115027075 | 50-75   | 2-3" |                 | ±1.5          |           |                |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |            |
| 115027100 | 75-100  | 3-4" |                 | ±2            |           |                |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |            |
| 115027125 | 100-125 | 4-5" |                 | ±6            |           |                |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |            |
| 115027150 | 125-150 | 5-6" |                 | ±7            |           |                |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |            |

## DELIVERY SET



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## OPTIONAL





- CertiMet Snap gauge
- Anvils D 8 mm
- Supplying with Digital CertiMet indicator with micron resolution
- Functions: PRESET, mm/inch, HOLD function
- USB data transfer
- Calibration certificate included (ISO17025 (Ilac MRA))

## PRESET FUNCTION



| Item No   | Range   |      | Reso-<br>lution | Accu-<br>racy | Depth | Anvils<br>type | Travel | Preset | HOLD | USB DATA |
|-----------|---------|------|-----------------|---------------|-------|----------------|--------|--------|------|----------|
|           | mm      | inch | mm              | μm            | mm    |                | mm     |        |      |          |
| 115050503 | 0-50    | 0-2" | 0,001           | ±4            | 32    | D 8mm          | 3      | •      | •    | •        |
| 115051003 | 50-100  | 2-4" |                 | ±5            | 62    |                |        | •      | •    | •        |
| 115051503 | 100-150 | 4-6" |                 | ±5            | 85    |                |        | •      | •    | •        |
| 115052003 | 150-200 | 6-8" |                 | ±5            | 110   |                |        | •      | •    | •        |

## DELIVERY SET



## OPTIONAL

**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE A  
KEYBOARD



STANDS



- Industry 4.0 adopted DataMet Snap gauge
- Anvils D 8 mm
- Supplying with computerized DataMet indicator with 0,1 micron resolution
- Functions: Go/NoGo, Max/Min, MultiPreset, Formula, Timer, Linear correction, Temperature correction
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Quick reading system (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



| Item No   | Range   |        | Reso-<br>lution | Accu-<br>racy | Depth | Anvils<br>type | Travel | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory             | WIRELESS         | USB     |
|-----------|---------|--------|-----------------|---------------|-------|----------------|--------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------------------|------------------|---------|
|           | mm      | inch   | mm              | µm            | mm    |                | mm     |        |         |         |         |       |           |             |             |          |                    |                  |         |
| 115050507 | 0-50    | 0-2"   | 0,0001          | ±3            | 32    | D 8mm          | 3      | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val | Long range / HID | USB HID |
| 115051007 | 50-100  | 2-4"   |                 | ±4            | 62    |                |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115051507 | 100-150 | 4-6"   |                 | ±4            | 85    |                |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115052007 | 150-200 | 6-8"   |                 | ±4            | 110   |                |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115052507 | 200-250 | 8-10"  |                 | ±6            | 110   |                |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115053007 | 250-300 | 10-12" |                 | ±7            | 110   |                |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115053507 | 300-350 | 12-14" |                 | ±8            | 110   |                |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115054007 | 350-400 | 14-16" |                 | ±9            | 110   |                |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115054507 | 400-450 | 16-18" |                 | ±10           | 110   |                |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115055007 | 450-500 | 18-20" |                 | ±10           | 110   |                |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |



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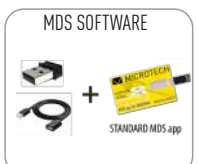
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## DELIVERY SET



## OPTIONAL



- CertiMet DISK Snap gauge
- Disk Anvils with D=20, 35 or 50mm
- Supplying with Digital CertiMet indicator with micron resolution
- Functions: PRESET, mm/inch, HOLD function
- USB data transfer
- Calibration certificate included (ISO17025 (Ilac MRA))

## PRESET FUNCTION



| Item No   | Range   |      | Reso-<br>lution | Accu-<br>racy | Depth | Anvils type | Travel | Preset | HOLD | ABS | USB DATA |
|-----------|---------|------|-----------------|---------------|-------|-------------|--------|--------|------|-----|----------|
|           | mm      | inch | mm              | µm            | mm    |             | mm     |        |      |     |          |
| 115050523 | 0-50    | 0-2" | 0,001           | ±6            | 32    | D 20mm      | 3      | •      | •    | •   | •        |
| 115050533 |         |      |                 | ±6            |       | D 35mm      |        | •      | •    | •   | •        |
| 115050553 |         |      |                 | ±8            |       | D 50mm      |        | •      | •    | •   | •        |
| 115051023 | 50-100  | 2-4" |                 | ±6            | 62    | D 20mm      |        | •      | •    | •   | •        |
| 115051033 |         |      |                 | ±6            |       | D 35mm      |        | •      | •    | •   | •        |
| 115051053 |         |      |                 | ±8            |       | D 50mm      |        | •      | •    | •   | •        |
| 115051523 | 100-150 | 4-6" |                 | ±7            | 85    | D 20mm      |        | •      | •    | •   | •        |
| 115051533 |         |      |                 | ±9            |       | D 35mm      |        | •      | •    | •   | •        |
| 115051553 |         |      |                 | ±9            |       | D 50mm      |        | •      | •    | •   | •        |
| 115052023 | 150-200 | 6-8" |                 | ±8            | 110   | D 20mm      |        | •      | •    | •   | •        |
| 115052033 |         |      |                 | ±11           |       | D 35mm      |        | •      | •    | •   | •        |
| 115052053 |         |      |                 | ±11           |       | D 50mm      |        | •      | •    | •   | •        |

## DELIVERY SET



## OPTIONAL

**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE A  
KEYBOARD



**STANDS**



- Industry 4.0 adopted DataMet DISK Snap gauge
- Disk Anvils with D=20, 35 or 50mm
- Supplying with computerized DataMet indicator with 0,1 micron resolution
- Functions: Go/NoGo, Max/Min, MultiPreset, Formula, Timer, Linear correction, Temperature correction
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Quick reading system (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



| Item No   | Range   |      | Reso-<br>lution | Accu-<br>racy | Depth | Anvils type | Travel | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory             | WIRELESS         | USB     |   |
|-----------|---------|------|-----------------|---------------|-------|-------------|--------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------------------|------------------|---------|---|
|           | mm      | inch | mm              | µm            | mm    |             | mm     |        |         |         |         |       |           |             |             |          |                    |                  |         |   |
| 115050527 | 0-50    | 0-2" | 0,0001          | ±4            | 32    | D 20mm      | 3      | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val | Long range / HID | USB HID |   |
| 115050537 |         |      |                 | ±5            |       | D 35mm      |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |   |
| 115050557 |         |      |                 | ±7            |       | D 50mm      |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |   |
| 115051027 | 50-100  | 2-4" |                 | ±4            | 62    | D 20mm      |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         | • |
| 115051037 |         |      |                 | ±5            |       | D 35mm      |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |   |
| 115051057 |         |      |                 | ±7            |       | D 50mm      |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |   |
| 115051527 | 100-150 | 4-6" |                 | ±6            | 85    | D 20mm      |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         | • |
| 115051537 |         |      |                 | ±7            |       | D 35mm      |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |   |
| 115051557 |         |      |                 | ±9            |       | D 50mm      |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |   |
| 115052027 | 150-200 | 6-8" |                 | ±7            | 110   | D 20mm      |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         | • |
| 115052037 |         |      |                 | ±8            |       | D 35mm      |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |   |
| 115052057 |         |      |                 | ±9            |       | D 50mm      |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |   |



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DataMet  
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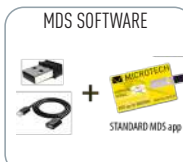


CONNECTION  
possibilities

## DELIVERY SET

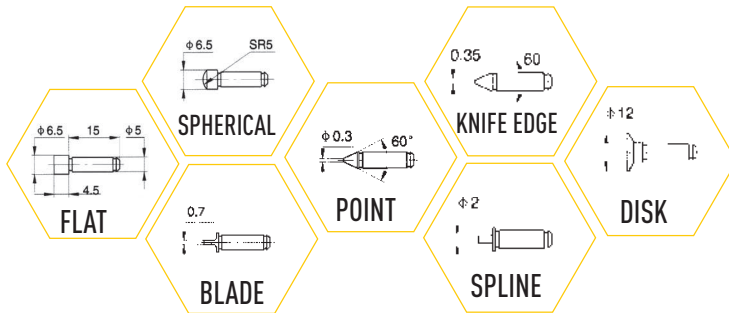


## OPTIONAL





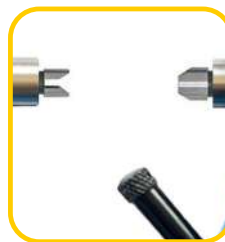
- Industry 4.0 adopted **DataMet** Snap gauge
- Interchangeable anvils - supplying with **UNIVERSAL** anvils set (7 PAIRS: FLAT, SPHERICAL, DISK, BLADE, POINT, SPLINE, KNIFE EDGE)
- Supplying with computerized **DataMet** indicator with 0,1 micron resolution
- Functions: Go/NoGo, Max/Min, MultiPreset, Formula, Timer, Linear correction, Temperature correction
- **Memory manager**: 2000 values, Folders system, Statistics mode, Memory data transfer
- **Quick reading system** (50 value/sec)
- **4 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**, **USB HID**
- Calibration certificate included (ISO17025 (Ilac MRA))



### INTERCHANGEABLE ANVILS UNIVERSAL ANVILS INCLUDED



### OPTIONAL ANVILS



THREAD ANVILS



BALLS ANVILS



DISK ANVILS

## DATAmet FUNCTIONS



| Item No   | Range   |        | Resolution | Accuracy | Depth | Anvils                            |                                      | Travel | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory             | WIRELESS         | USB     |
|-----------|---------|--------|------------|----------|-------|-----------------------------------|--------------------------------------|--------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------------------|------------------|---------|
|           | mm      | inch   |            |          |       | SET                               | OPTION                               |        |        |         |         |         |       |           |             |             |          |                    |                  |         |
| 115050477 | 0-40    | 0-2"   | 0,0001     | ±3       | 32    | UNIVERSAL SET (7 pairs of anvils) | Ball SET (10pairs), Thread SET, Disk | 3      | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val | Long range / HID | USB HID |
| 115050977 | 40-90   | 2-4"   |            | ±4       | 62    |                                   |                                      |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115051477 | 90-140  | 4-6"   |            | ±4       | 85    |                                   |                                      |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115051977 | 140-190 | 6-8"   |            | ±4       | 110   |                                   |                                      |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115052377 | 170-230 | 8-10"  |            | ±6       | 110   |                                   |                                      |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115052577 | 200-250 | 8-10"  |            | ±6       | 110   |                                   |                                      |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115053077 | 250-300 | 10-12" |            | ±7       | 110   |                                   |                                      |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115053577 | 300-350 | 12-14" |            | ±8       | 110   |                                   |                                      |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115054077 | 350-400 | 14-16" |            | ±9       | 110   |                                   |                                      |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115054577 | 400-450 | 16-18" |            | ±10      | 110   |                                   |                                      |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115055077 | 450-500 | 18-20" |            | ±10      | 110   |                                   |                                      |        | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |

## OPTIONAL SNAP GAUGE ANVILS

| Item No   | Type          | ANVILS SET                                                       |
|-----------|---------------|------------------------------------------------------------------|
| 110750100 | UNIVERSAL SET | 7 PAIRS: FLAT, SPHERICAL, DISK, BLADE, POINT, SPLINE, KNIFE EDGE |
| 110710001 | THREAD SET    | METRIC 60 0.4-7mm 6pcs                                           |
| 110720001 |               | WHITWORTH 55 60-3.5 TPI 10pcs                                    |
| 110740100 | BALL SET      | Ball anvils SET 10 pcs 1-6mm                                     |
| 110750020 | DISK pair     | DISK D=20MM PAIR                                                 |
| 110750035 |               | DISK D=25MM PAIR                                                 |
| 110750050 |               | DISK D=50MM PAIR                                                 |



## THREAD STANDARDS

| Item No   | STANDARDS           |
|-----------|---------------------|
| 110710005 | 50 mm METRIC 60     |
| 110710010 | 100 mm METRIC 60    |
| 110710015 | 150 mm METRIC 60    |
| 110710020 | 200 mm METRIC 60    |
| 110710025 | 250 mm METRIC 60    |
| 110710030 | 300 mm METRIC 60    |
| 110710035 | 350 mm METRIC 60    |
| 110710040 | 400 mm METRIC 60    |
| 110710045 | 450 mm METRIC 60    |
| 110720005 | 50 mm WHITWORTH 55  |
| 110720010 | 100 mm WHITWORTH 55 |
| 110720015 | 150 mm WHITWORTH 55 |
| 110720020 | 200 mm WHITWORTH 55 |
| 110720025 | 250 mm WHITWORTH 55 |
| 110720030 | 300 mm WHITWORTH 55 |
| 110720035 | 350 mm WHITWORTH 55 |
| 110720040 | 400 mm WHITWORTH 55 |
| 110720045 | 450 mm WHITWORTH 55 |



DataMet interface



CONNECTION possibilities



DOWNLOAD  
MDS app WINDOWS

Windows



DOWNLOAD  
MDS app iOS, MacOS

macOS  
iOS



DOWNLOAD  
MDS app ANDROID

android

## DELIVERY SET



## OPTIONAL



- Industry 4.0 adopted DataMet CARBON Universal Snap gauge
- Light CARBON fiber gauge (top quality, Italian made)
- Interchangeable anvils - supplying with D 3mm anvils
- Supplying with computerized DataMet indicator with 0,1 micron resolution
- **Functions:** Go/NoGo, Max/Min, MultiPreset, Formula, Timer, Linear correction, Temperature correction
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **Quick reading system** (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

INTERCHANGEABLE ANVILS  
supplying with D 3mm anvils



CARBON FIBER GAUGE  
ITALIAN MADE



## DATA MET FUNCTIONS

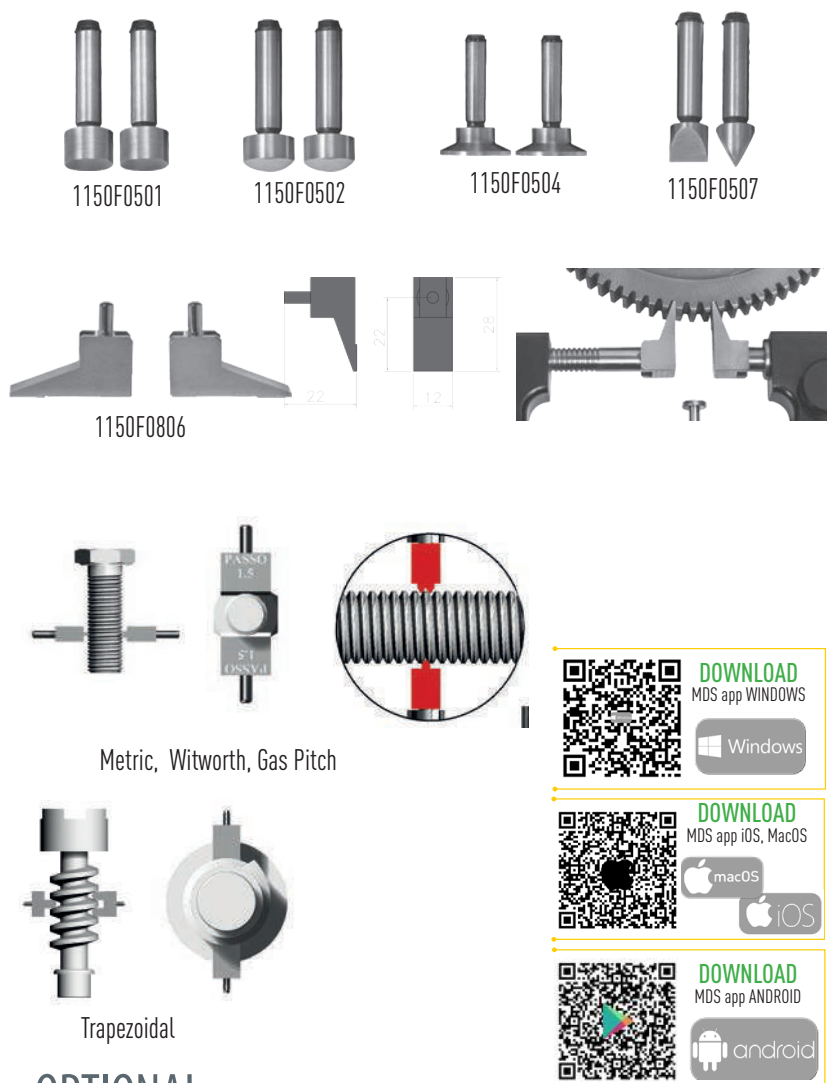
|                        |                                |                           |                          |                                 |                               |
|------------------------|--------------------------------|---------------------------|--------------------------|---------------------------------|-------------------------------|
| <p>COLOR GO / NOGO</p> | <p>COLOR MAX / MIN / RANGE</p> | <p>MEMORY 1000 values</p> | <p>MEMORY STATISTICS</p> | <p>TEMPERATURE COMPENSATION</p> | <p>DEVICE INFO, UPDATE</p>    |
| <p>TIMER</p>           | <p>Formula</p>                 | <p>Display</p>            | <p>Resolution</p>        | <p>WIRELESS to MDS app</p>      | <p>WIRELESS &amp; USB HID</p> |



| Item No   | Range   |        | Resolution | Accuracy | Repeatability | Depth | Anvils |                    | Travel | Force | Weight | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory             | WIRELESS         | USB     |
|-----------|---------|--------|------------|----------|---------------|-------|--------|--------------------|--------|-------|--------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------------------|------------------|---------|
|           | mm      | inch   |            |          |               |       | SET    | OPTION             |        |       |        |        |         |         |         |       |           |             |             |          |                    |                  |         |
| 115070507 | 0-50    | 0-2"   | 0,0001     | ±2       | 1             | 30    | D 3mm  | Gear, Disk, Thread | 5      | 10    | 0,42   | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val | Long range / HID | USB HID |
| 115071007 | 50-100  | 2-4"   |            | ±2       | 1             | 55    |        |                    |        | 20    | 0,5    | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115071507 | 100-150 | 4-6"   |            | ±3       | 1             | 80    |        |                    |        | 20    | 0,62   | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115072007 | 150-200 | 6-8"   |            | ±3       | 1             | 105   |        |                    |        | 20    | 0,72   | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115072507 | 200-250 | 8-10"  |            | ±4       | 1             | 130   |        |                    |        | 20    | 0,92   | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115073007 | 250-300 | 10-12" |            | ±4       | 1             | 155   |        |                    |        | 20    | 1,02   | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115073507 | 300-350 | 12-14" |            | ±5       | 1             | 180   |        |                    |        | 20    | 1,5    | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115074007 | 350-400 | 14-16" |            | ±5       | 1             | 205   |        |                    |        | 20    | 2,0    | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115074507 | 400-450 | 16-18" |            | ±6       | 1             | 230   |        |                    |        | 20    | 2,3    | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115075007 | 450-500 | 18-20" |            | ±6       | 1             | 255   |        |                    |        | 20    | 2,6    | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115076007 | 500-600 | 20-24" |            | ±7       | 1             | 305   |        |                    |        | 30    | 4,0    | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115077007 | 600-700 | 24-28" |            | ±8       | 1             | 355   |        |                    |        | 30    | 4,8    | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 115078007 | 700-800 | 28-32" |            | ±9       | 1             | 405   |        |                    |        | 30    | 5,5    | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |

## OPTIONAL SNAP GAUGE ANVILS

| Item No    | Type           | D   | P    |
|------------|----------------|-----|------|
|            |                | mm  |      |
| 1150F0501  | Disk           | 6,5 |      |
| 1150F0502  | Sphere         | R5  |      |
| 1150F0504  | Disk           | 12  |      |
| 1150F0507  | Point          | 0,5 |      |
| 1150F0806  | Gear           |     |      |
| 1150PM08   | Metric Pitch   |     | 0,8  |
| 1150PM1    | Metric Pitch   |     | 1    |
| 1150PM1,25 | Metric Pitch   |     | 1,25 |
| 1150PM1,5  | Metric Pitch   |     | 1,5  |
| 1150PM1,75 | Metric Pitch   |     | 1,75 |
| 1150PM2    | Metric Pitch   |     | 2    |
| 1150PM2,5  | Metric Pitch   |     | 2,5  |
| 1150PW6    | Witworth Pitch |     | 6    |
| 1150PW8    | Witworth Pitch |     | 8    |
| 1150PW10   | Witworth Pitch |     | 10   |
| 1150PW12   | Witworth Pitch |     | 12   |
| 1150PG11   | Gas Pitch      |     | 11   |
| 1150PG14   | Gas Pitch      |     | 14   |
| 1150PG19   | Gas Pitch      |     | 19   |
| 1150PT2    | Trapezoidal    |     | 2    |
| 1150PT3    | Trapezoidal    |     | 3    |
| 1150PT4    | Trapezoidal    |     | 4    |
| 1150PT5    | Trapezoidal    |     | 5    |
| 1150PT6    | Trapezoidal    |     | 6    |
| 1150PT7    | Trapezoidal    |     | 7    |
| 1150PT8    | Trapezoidal    |     | 8    |
| 1150PT9    | Trapezoidal    |     | 9    |
| 1150PT10   | Trapezoidal    |     | 10   |
| 1150PT12   | Trapezoidal    |     | 12   |



## DELIVERY SET



## OPTIONAL

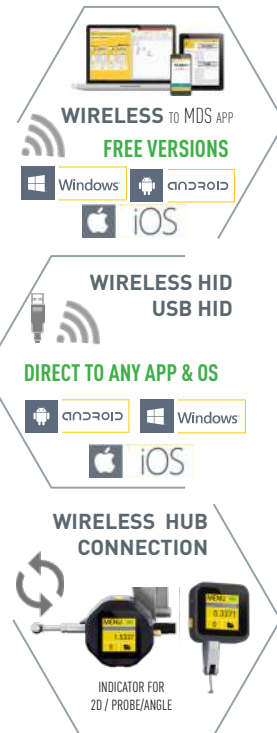




0,1µm



RANGE UP TO 150mm



## DATAmet FUNCTIONS

|                                    |                                   |                                       |                                      |                                        |                                              |
|------------------------------------|-----------------------------------|---------------------------------------|--------------------------------------|----------------------------------------|----------------------------------------------|
| <p><b>ANALOG SCALE</b></p>         | <p><b>COLOR GO / NOGO</b></p>     | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>                  | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> |
| <p><b>GRAPHIC MODE 1D/2D</b></p>   | <p><b>MEMORY 2000 values</b></p>  | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p>      | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>                       |
| <p><b>DISPLAY &amp; ENERGY</b></p> | <p><b>RESOLUTION, mm/inch</b></p> | <p><b>WIRELESS to MDS app</b></p>     | <p><b>WIRELESS &amp; USB HID</b></p> | <p><b>HUB mode (2D, Probe)</b></p>     | <p><b>DEVICE INFO, UPDATE</b></p>            |

- Industry 4.0 adopted Sub-micron **DataMet** indicator with computerized MICS system (Hi-res 2.4" color Touchscreen display)
- Patents UA126928, UA99686, UA2022050400
- Quick reading system (50 value/sec)
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No   | Range  |        | Reso-<br>lution | Accu-<br>racy. | Hyste-<br>resis | Force   | 2D connect | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory             | WIRELESS         | USB              | MODBUS |   |  |  |  |  |   |  |  |  |  |
|-----------|--------|--------|-----------------|----------------|-----------------|---------|------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------------------|------------------|------------------|--------|---|--|--|--|--|---|--|--|--|--|
|           | mm     | inch   | mm              | µm             | µm              | N       |            |               |         |              |        |         |         |         |       |           |             |             |           |          |                    |                  |                  |        |   |  |  |  |  |   |  |  |  |  |
| 120139135 | 0-12,5 | 0-0,5" | 0,0001          | ±3,0           | 0,5             | 0,6-1   | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | Folders / 2000 val | Long range / HID | USB HID / Update | OPTION |   |  |  |  |  |   |  |  |  |  |
| 120139137 |        |        |                 | ±2,0           |                 |         | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                  |        | • |  |  |  |  |   |  |  |  |  |
| 120139138 |        |        |                 | ±1,6           |                 |         | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                  |        | • |  |  |  |  |   |  |  |  |  |
| 120139139 |        |        |                 | ±1,2           |                 |         | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                  |        | • |  |  |  |  |   |  |  |  |  |
| 120139257 | 0-25,4 | 0-1"   |                 | ±3,0           |                 | 0,7-1.2 | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                  |        | • |  |  |  |  |   |  |  |  |  |
| 120139258 |        |        |                 | ±2,0           |                 |         | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                  |        | • |  |  |  |  |   |  |  |  |  |
| 120139259 |        |        |                 | ±1,6           |                 |         | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                  |        | • |  |  |  |  |   |  |  |  |  |
| 120139505 | 0-50,8 | 0-2"   |                 | ±5.0           |                 | 1,2-2,2 | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                  |        | • |  |  |  |  |   |  |  |  |  |
| 120139508 |        |        |                 | ±3,0           |                 |         | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                  |        | • |  |  |  |  |   |  |  |  |  |
| 120139509 |        |        |                 | ±2,0           |                 |         | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                  |        | • |  |  |  |  |   |  |  |  |  |
| 120139907 | 0-100  | 0-4"   |                 | ±5,0           |                 | 3.2-5.2 | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                  |        | • |  |  |  |  |   |  |  |  |  |
| 120139908 |        |        |                 | ±3,0           |                 |         | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                  |        | • |  |  |  |  |   |  |  |  |  |
| 120139555 | 0-150  | 0-6"   |                 | ±7,0           |                 |         | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                  |        | • |  |  |  |  | • |  |  |  |  |
| 120139557 |        |        |                 | ±5,0           |                 |         | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                  |        | • |  |  |  |  | • |  |  |  |  |



DataMet  
interface



CONNECTION  
possibilities



VIDEO

## DELIVERY SET

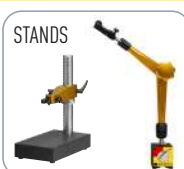
FREE VERSIONS OF MDS APP



USB DATA/CHARGING  
CABLE



## OPTIONAL



DOWNLOAD  
MDS app WINDOWS



DOWNLOAD  
MDS app iOS, MacOS

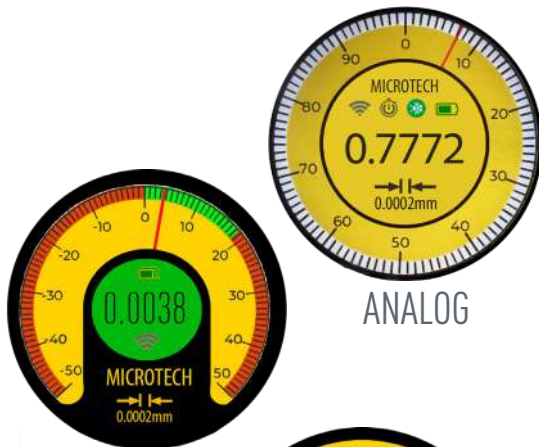


DOWNLOAD  
MDS app ANDROID

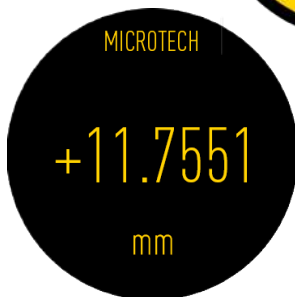


**DataMet** MULTIFUNCTIONAL  
ROUND 1.8" TOUCHSCREEN DISPLAY

**ADJUSTABLE SCALES**



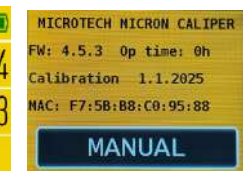
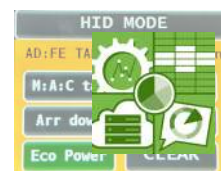
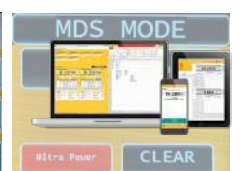
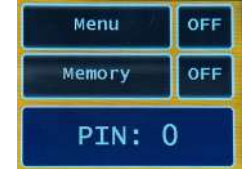
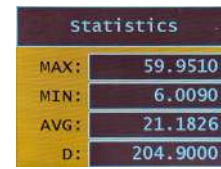
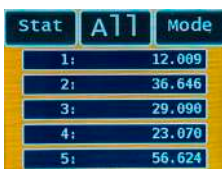
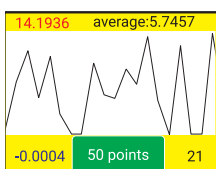
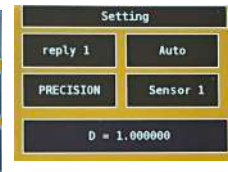
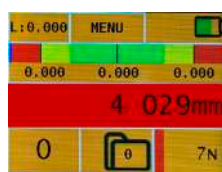
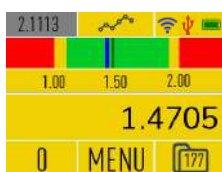
**COMPARATOR**



0,2µm



**DataMet** FUNCTIONS





- Industry 4.0 adopted **DataMet** indicator with computerized **MICS** system with 1.8" color Round Touchscreen
- Sub-micron **SWISS made reading system** resolution **0.2 micron** (0,0002/0,001/0,01/0,1mm selection)
- Color adjustable Scales: Analog, Comparator, Digital
- Measuring ranges up to 0-200mm (0-8")
- For using in precision bore gauges, thickness gauges, measuring stands and custom solutions.
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** **50000 values**, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**, **USB HID**
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No   | Range  |        | Resol. | Accu-<br>racy | Hyste-<br>resis | Force   | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory              | WIRELESS         | USB              |
|-----------|--------|--------|--------|---------------|-----------------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|---------------------|------------------|------------------|
|           | mm     | inch   | mm     | µm            | µm              | N       |        |         |         |         |       |           |             |             |           |          |                     |                  |                  |
| 120137133 | 0-12.5 | 0-0.5" | 0,0005 | ±3            | 0,5             | 0,6-1   | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | Folders / 50000 val | Long range / HID | USB HID / Update |
| 120137135 |        |        | 0,0002 | ±2            |                 |         | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                     |                  |                  |
| 120137136 |        |        | 0,0002 | ±1.5          |                 |         | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                     |                  |                  |
| 120137138 |        |        | 0,0002 | ±1.0          |                 |         | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                     |                  |                  |
| 120137253 | 0-25,4 | 0-1"   | 0,0005 | ±3            |                 | 0.7-1.2 | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                     |                  |                  |
| 120137255 |        |        | 0,0002 | ±2            |                 |         | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                     |                  |                  |
| 120137256 |        |        | 0,0002 | ±1.5          |                 |         | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                     |                  |                  |
| 120137303 |        |        | 0,0005 | ±3            |                 |         | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                     |                  |                  |
| 120137305 | 0-30   | 0-1.2" | 0,0002 | ±2            |                 | 1,2-2,2 | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                     |                  |                  |
| 120137502 |        |        | 0,0005 | ±5            |                 |         | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                     |                  |                  |
| 120137503 | 0-50,8 | 0-2"   | 0,0002 | ±3            |                 |         | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                     |                  |                  |
| 120137505 |        |        | 0,0002 | ±2            |                 |         | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                     |                  |                  |
| 120137902 | 0-100  | 0-4"   | 0,0005 | ±5            |                 | 3.2-5.2 | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                     |                  |                  |
| 120137903 |        |        | 0,0002 | ±3            |                 |         | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                     |                  |                  |
| 120137952 | 0-150  | 0-6"   | 0,0005 | ±7            |                 |         | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                     |                  |                  |
| 120137953 |        |        | 0,0002 | ±4            |                 |         | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                     |                  |                  |
| 120137962 | 0-200  | 0-8"   | 0,0005 | ±9            |                 |         | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                     |                  |                  |
| 120137963 |        |        | 0,0002 | ±5            |                 |         | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                     |                  |                  |

## DELIVERY SET



## OPTIONAL





- Industry 4.0 adopted sub-micron **DataMet** dial comparator with 0.1 micron resolution
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Quick reading system (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



| Item No   | Range | Resolution | Accuracy | Force   | Stem D | Preset | Go/NoGo | Max/Min | Formula | Timer | Linear corr | Calibr date | FW update | Recharge | Memory | WIRELESS | USB |
|-----------|-------|------------|----------|---------|--------|--------|---------|---------|---------|-------|-------------|-------------|-----------|----------|--------|----------|-----|
| 120120288 | 0.1   | 0,0001     | ±0.5     | 1.8-2.2 | 28     | •      | •       | •       | •       | •     | •           | •           | •         | •        | •      | •        | •   |
| 120120289 | 0.5   |            | ±0.75    |         |        | •      | •       | •       | •       | •     | •           | •           | •         | •        | •      | •        | •   |

0,1µm



## DATA MET FUNCTIONS

**ANALOG SCALE**

**COLOR GO / NOGO**

**COLOR MAX / MIN / RANGE**

**TIMER**

**TOUCH PROBE SETTINGS**

**FORMULA  $Ax^2+Bx+C$**

**GRAPHIC MODE 1D/2D**

**MEMORY 2000 values**

**FOLDERS mode**

**MEMORY STATISTICS**

**TEMPERATURE COMPENSATION**

**PASSWORD**

**DISPLAY & ENERGY**

**RESOLUTION, mm/inch**

**WIRELESS to MDS app**

**WIRELESS & USB HID**

**HUB mode (2D, Probe)**

**DEVICE INFO, UPDATE**

- Industry 4.0 adopted **DataMet** ROTATING indicator with computerized MICS system with 2.4" color Touchscreen
- **ROTATING** display for using in bore gauges and other custom solution
- Patents UA126928, UA99686, UA2022050400
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Quick reading system (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



| Item No    | Range  |        | Reso-<br>lution | Accu-<br>racy. | Hyste-<br>resis | Force   | 2D connect | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory | WIRELESS | USB |
|------------|--------|--------|-----------------|----------------|-----------------|---------|------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------|----------|-----|
|            | mm     | inch   | mm              | μm             | μm              | N       |            |               |         |              |        |         |         |         |       |           |             |             |           |          |        |          |     |
| 120139137R | 0-12,5 | 0-0,5" |                 | ±2,0           |                 | 0,6-1   | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |
| 120139258R | 0-25,4 | 0-1"   | 0,0001          | ±2,0           | 0,5             | 0,7-1,2 | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |
| 120139508R | 0-50,8 | 0-2"   |                 | ±3,0           |                 | 1,2-2,2 | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |



## DELIVERY SET



## OPTIONAL





0,1μm



OPTIONAL MODBUS ASCII, MODBUS TCP/IP

## DATAmet FUNCTIONS

|                                    |                                   |                                       |                                      |                                        |                                              |
|------------------------------------|-----------------------------------|---------------------------------------|--------------------------------------|----------------------------------------|----------------------------------------------|
| <p><b>ANALOG SCALE</b></p>         | <p><b>COLOR GO / NOGO</b></p>     | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>                  | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> |
| <p><b>GRAPHIC MODE 1D/2D</b></p>   | <p><b>MEMORY 2000 values</b></p>  | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p>      | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>                       |
| <p><b>DISPLAY &amp; ENERGY</b></p> | <p><b>RESOLUTION, mm/inch</b></p> | <p><b>WIRELESS to MDS app</b></p>     | <p><b>WIRELESS &amp; USB HID</b></p> | <p><b>HUB mode (2D, Probe)</b></p>     | <p><b>DEVICE INFO, UPDATE</b></p>            |



- Industry 4.0 adopted MODBUS **DataMet** indicator with computerized MICS system with 2.4" color Touchscreen
- **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **MODBUS ASCII, MODBUS TCP/IP** for request
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **Quick reading system** (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **Calibration** certificate included (ISO17025 (Ilac MRA))

| Item No    | Range  |        | Reso-<br>lution | Accu-<br>racy. | Hyste-<br>resis | Force   | 2D connect | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | MODBUS RTU | MODBUS ASCII | MODBUS TCP/IP | WIRELESS | USB |   |
|------------|--------|--------|-----------------|----------------|-----------------|---------|------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|------------|--------------|---------------|----------|-----|---|
|            | mm     | inch   | mm              | µm             | µm              | N       |            |               |         |              |        |         |         |         |       |           |             |             |           |          |            |              |               |          |     |   |
| 120139137M | 0-12,5 | 0-0,5" | 0,0001          | ±2,0           | 0,5             | 0,6-1   | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •          | optional     | optional      | •        | •   |   |
| 120139258M | 0-25,4 | 0-1"   |                 | ±2,0           |                 | 0.7-1.2 | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •          |              |               | •        | •   | • |
| 120139508M | 0-50,8 | 0-2"   |                 | ±3,0           |                 | 1,2-2,2 | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •          |              |               | •        | •   | • |
| 120139907M | 0-100  | 0-4"   |                 | ±5,0           |                 | 1,2-2,2 | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •          |              |               | •        | •   | • |
| 120139505M | 0-150  | 0-6"   |                 | ±7,0           |                 | 3.2-5.2 | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •          |              |               | •        | •   | • |



MODBUS  
protocol



DataMet  
interface

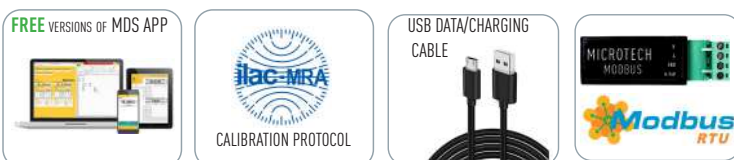


CONNECTION  
possibilities



VIDEO

## DELIVERY SET



## OPTIONAL



DOWNLOAD  
MDS app WINDOWS

Windows



DOWNLOAD  
MDS app iOS, MacOS

macOS  
iOS



DOWNLOAD  
MDS app ANDROID

android



- High quality **CertiMet** digital indicator with IP65 proof
- PRESET, mm/inch, HOLD function
- USB data transfer
- CR2032 3V battery
- Calibration certificate included (ISO17025 (Ilac MRA))



VIDEO



**RANGE UP TO 200MM**



**PRESET  
FUNCTION**

| Item No   | Range  |        | Resolution |          | Accuracy | Force   | Proof | mm/inch | Preset | ABS | USB DATA |
|-----------|--------|--------|------------|----------|----------|---------|-------|---------|--------|-----|----------|
|           | mm     | inch   | mm         | inch     | μm       | N       |       |         |        |     |          |
| 120125131 |        |        | 0,01       | 0.0005"  | ±10      |         | IP65  | •       | •      | •   | •        |
| 120125132 |        |        |            |          | ±6       |         |       | •       | •      | •   | •        |
| 120125133 | 0-12,7 | 0-0,5" | 0,001      | 0.00005" | ±4       | 0.6-1   |       | •       | •      | •   | •        |
| 120125134 |        |        |            |          | ±3       |         |       | •       | •      | •   | •        |
| 120125135 |        |        |            |          | ±2       |         |       | •       | •      | •   | •        |
| 120125251 |        |        | 0,01       | 0.0005"  | ±10      |         |       | •       | •      | •   | •        |
| 120125252 | 0-25,4 | 0-1"   | 0,001      | 0.00005" | ±6       | 0.7-1.2 |       | •       | •      | •   | •        |
| 120125253 |        |        |            |          | ±4       |         |       | •       | •      | •   | •        |
| 120125500 |        |        | 0,01       | 0.0005"  | ±20      |         |       | •       | •      | •   | •        |
| 120125502 | 0-50,8 | 0-2"   | 0,001      | 0.00005" | ±7       | 1.2-2.2 |       | •       | •      | •   | •        |
| 120125503 |        |        |            |          | ±5       |         |       | •       | •      | •   | •        |
| 120125901 |        |        | 0,01       | 0.0005"  | ±20      |         |       | •       | •      | •   | •        |
| 120125902 | 0-100  | 0-4"   | 0,001      | 0.00005" | ±12      |         |       | •       | •      | •   | •        |
| 120125904 |        |        |            |          | ±8       |         |       | •       | •      | •   | •        |
| 120125951 |        |        | 0,01       | 0.0005"  | ±30      |         |       | •       | •      | •   | •        |
| 120125952 | 0-150  | 0-6"   | 0,001      | 0.00005" | ±20      | 3-5     |       | •       | •      | •   | •        |
| 120125954 |        |        |            |          | ±10      |         |       | •       | •      | •   | •        |
| 120125961 |        |        | 0,01       | 0.0005"  | ±30      |         |       | •       | •      | •   | •        |
| 120125962 | 0-200  | 0-8"   | 0,001      | 0.00005" | ±20      |         |       | •       | •      | •   | •        |
| 120125964 |        |        |            |          | ±10      |         |       | •       | •      | •   | •        |

## DELIVERY SET



CALIBRATION PROTOCOL

## OPTIONAL

**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE A  
KEYBOARD



STANDS



- **CertiMet** dial indicator
- 0.01 or 0.001mm resolution
- Jeweled bearing
- Modification with SHOCKPROOF & WATERPROOF
- With adjustable tolerance markers
- **Calibration** certificate included (ISO17025 (Ilac MRA))

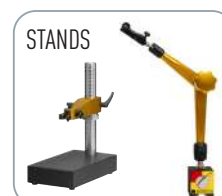


| Item No   | Range | Resolution | Accuracy | Bezel D | Shockproof | Jeweled | Tol markers | Waterproof | Rubber sleeve |
|-----------|-------|------------|----------|---------|------------|---------|-------------|------------|---------------|
|           | mm    | mm         | μm       | mm      |            |         |             |            |               |
| 120121010 | 0-1   | 0,001      | ±3       | 60      |            | •       | •           |            |               |
| 120121100 | 0-10  | 0,01       | ±15      |         |            | •       | •           |            |               |
| 120120100 |       |            |          |         | •          | •       | •           | •          |               |
| 120121300 | 0-30  |            | ±25      |         |            | •       | •           |            |               |
| 120121500 | 0-50  |            | ±35      |         |            | •       | •           |            |               |
| 120121990 | 0-100 |            | ±40      |         |            | •       | •           |            |               |

## DELIVERY SET



## OPTIONAL





## DATAmet FUNCTIONS

|                                    |                                   |                                       |                                      |                                        |                                              |
|------------------------------------|-----------------------------------|---------------------------------------|--------------------------------------|----------------------------------------|----------------------------------------------|
| <p><b>ANALOG SCALE</b></p>         | <p><b>COLOR GO / NOGO</b></p>     | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>                  | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> |
| <p><b>GRAPHIC MODE 1D/2D</b></p>   | <p><b>MEMORY 2000 values</b></p>  | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p>      | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>                       |
| <p><b>DISPLAY &amp; ENERGY</b></p> | <p><b>RESOLUTION, mm/inch</b></p> | <p><b>WIRELESS to MDS app</b></p>     | <p><b>WIRELESS &amp; USB HID</b></p> | <p><b>HUB mode (2D, Probe)</b></p>     | <p><b>DEVICE INFO, UPDATE</b></p>            |



- Industry 4.0 adopted **DataMet** Display Unit with computerized MICS system with 3,5" color Touchscreen
- Up to 4 Probes connection or 4 WIRELESS connections
- **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

## DataMet DISPLAY UNIT

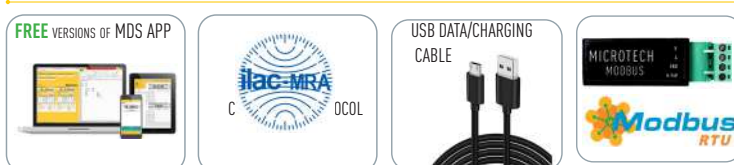
| Item No    | INPUT CONNECTION  |          | Data output |          |     | Memory | Display | Battery | Footswitch |
|------------|-------------------|----------|-------------|----------|-----|--------|---------|---------|------------|
|            | CAPACITIVE PROBES | WIRELESS | MODBUS RTU  | WIRELESS | USB |        |         |         |            |
| 299999024M | max 4             | max 4    | •           | •        | •   | 2000   | 3,5"    | Li-Pol  | 2-button   |
| 299999034M |                   |          | •           | •        | •   |        |         |         |            |

## CAPACITIVE LINEAR PROBES

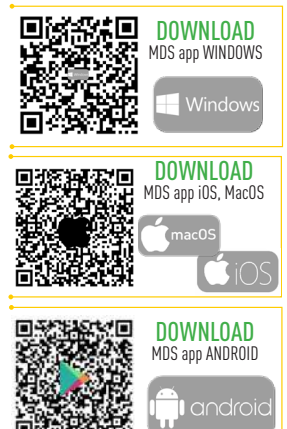
| Item No    | Range |         | Resol. | Accu-<br>racy | Hyste-<br>resis | Force   | Cable<br>length         | Clamping | Output<br>socket |
|------------|-------|---------|--------|---------------|-----------------|---------|-------------------------|----------|------------------|
|            | mm    | inch    |        |               |                 |         |                         |          |                  |
| 120129101P | 0-1   | 0-0.05" | 0,0001 | ±0.5          | 0,3             | 1.8-2.2 | 2<br><br>Optional<br>10 | Ø 28-h6  | 7 pin            |
| 120129137P | 0-13  | 0-0.5"  |        | ±2            |                 | 0,6-1   |                         | Ø 8-h6   |                  |
| 120129258P | 0-25  | 0-1"    |        | ±2            | 0,5             | 0.7-1.2 |                         |          |                  |
| 120129508P | 0-50  | 0-2"    |        | ±3            |                 | 1,2-2,2 |                         |          |                  |
| 120129907P | 0-100 | 0-4"    |        | ±5            | 1               | 3.2-5.2 |                         |          |                  |
| 120129507P | 0-150 | 0-6"    |        | ±7            |                 |         |                         |          |                  |



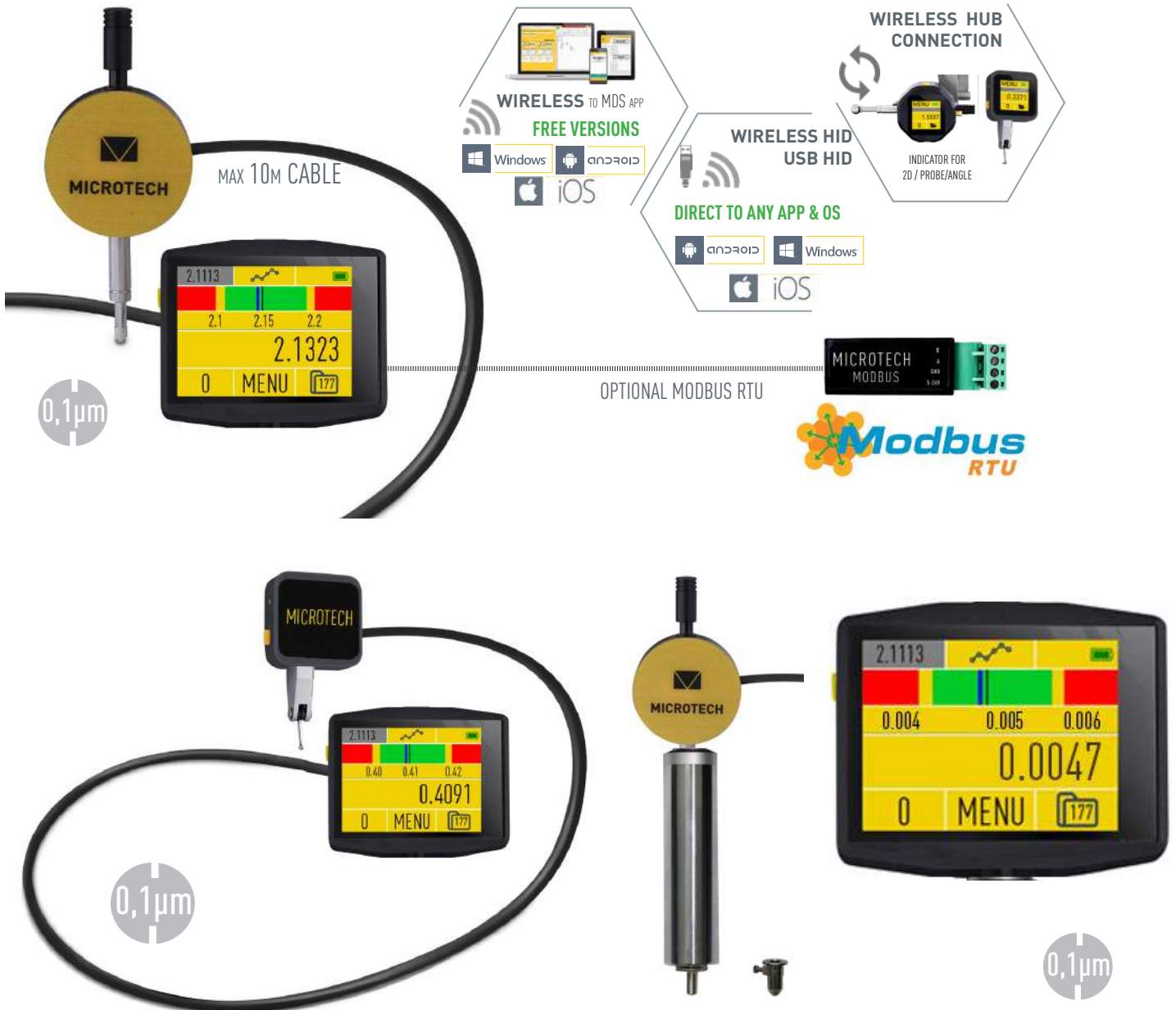
## DELIVERY SET



## OPTIONAL







## DATAmet FUNCTIONS



- Industry 4.0 adopted **DataMet** indicator with external probe and computerized MICS system with 2.4" color Touchscreen
- External measuring probe (indicator, test indicator) with 2-10m length
- Optional **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **Quick reading system** (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

## DataMet EXTERNAL PROBE INDICATOR

| Item No      | Range  |         | Resol. | Accu-<br>racy | Hyste-<br>resis | Force   | Clamping | Cable<br>length | 2D connect | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory                                                     | WIRELESS | USB | MODBUS RTU |
|--------------|--------|---------|--------|---------------|-----------------|---------|----------|-----------------|------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|------------------------------------------------------------|----------|-----|------------|
|              | mm     | inch    |        |               |                 |         |          |                 |            |               |         |              |        |         |         |         |       |           |             |             |           |          |                                                            |          |     |            |
| 120129101L   | 0-1    | 0-0.05" | 0,0001 | ±0,5          | 0,3             | 1.8-2.2 | Ø 28-h6  | 2               | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | Folders / 2000 val<br>Long range / HID<br>USB HID / Update | OPTION   |     |            |
| 120129137L   | 0-12,5 | 0-0.5"  |        | ±2            | 0,5             | 0,6-1   | Ø 8-h6   | 2               | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                                                            |          |     |            |
| 120129137L10 |        |         |        | ±3            | 1               |         |          | 10              | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                                                            |          |     |            |
| 120129258L   | 0-25,4 | 0-1"    |        | ±2            | 0,5             | 0.7-1.2 |          | 2               | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                                                            |          |     |            |
| 120129258L10 |        |         |        | ±3            | 1               |         |          | 10              | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         |          |                                                            |          |     |            |
| 120129508L   | 0-50,8 | 0-2"    |        | ±3            | 0,5             | 1,2-2,2 |          | 2               | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                                                            |          |     |            |
| 120129508L10 |        |         |        | ±5            | 1               |         |          | 10              | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         |          |                                                            |          |     |            |
| 120129907L   | 0-100  | 0-4"    |        | ±5            | 1               | 3.2-5.2 |          | 2               | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                                                            |          |     |            |
| 120129907L10 |        |         |        | ±6            | 1,5             |         |          | 10              | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         |          |                                                            |          |     |            |
| 120129507L   | 0-150  | 0-6"    |        | ±7            | 1               |         |          | 2               | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                                                            |          |     |            |
| 120129507L10 |        |         |        | ±9            | 1,5             |         |          | 10              | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         |          |                                                            |          |     |            |

## DataMet EXTERNAL PROBE TEST INDICATOR

| Item No      | Range |        | Resol. | Accu-<br>racy | Probe | Measu-<br>ring Force | Cable<br>length | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory | WIRELESS | USB | MODBUS RTU |
|--------------|-------|--------|--------|---------------|-------|----------------------|-----------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------|----------|-----|------------|
|              | mm    | inch   |        |               |       |                      |                 |        |         |         |         |       |           |             |             |           |          |        |          |     |            |
| 120129019L   | -0.8  | -0.03" | 0,0001 | ±5            | 12,8  | 0,1-0,18             | 2               | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   | OPTION     |
| 120129019L10 | +0.8  | +0.03" |        |               | 12,8  |                      | 10              | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |            |



## DELIVERY SET



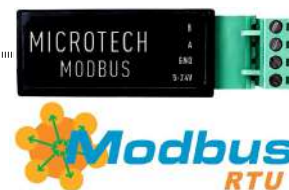
## OPTIONAL



- Industry 4.0 adopted **DataMet** test indicator with computerized MICS system color Touchscreen
- MODIFICATION MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- MODIFICATION MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **Calibration** certificate included (ISO17025 (Ilac MRA))



MODIFICATION MODBUS RTU



0,1µm

| Item No    | Range |        | Resol. | Accu-<br>racy | Probe | Measur-<br>ing Force | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory | WIRELESS | USB | MODBUS RTU |
|------------|-------|--------|--------|---------------|-------|----------------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------|----------|-----|------------|
|            | mm    | inch   | mm     | µm            | mm    | N                    |        |         |         |         |       |           |             |             |           |          |        |          |     |            |
| 120129018  | -0.8  | -0.03" | 0,0001 | ±5            | 12,8  | 0,1-0,18             | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   | •          |
| 120129018M | +0.8  | +0.03" |        |               |       |                      | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   | •          |



DataMet  
interface



CONNECTION  
possibilities

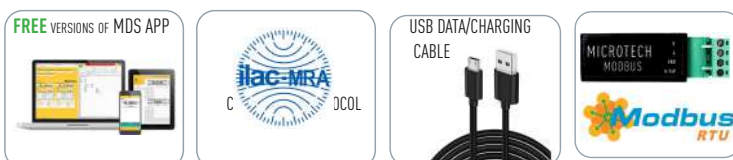


MODBUS  
protocol



VIDEO

## DELIVERY SET



## OPTIONAL



DOWNLOAD  
MDS app WINDOWS

Windows



DOWNLOAD  
MDS app iOS, MacOS

macOS

iOS



DOWNLOAD  
MDS app ANDROID

android

- Top quality dial test indicators
- Contrast black dial face
- 0.01 or 0.002 mm resolution
- Adjustable bezel for zeroing
- Jeweled
- Completing with dovetail stem 6 and 8mm
- **Calibration** certificate included (ISO17025 (Ilac MRA))

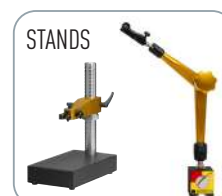


| Item No   | Range | Resolution | Repeatability | Dial face | Accuracy | Probe | Measuring Force | Scale Diameter |
|-----------|-------|------------|---------------|-----------|----------|-------|-----------------|----------------|
|           | mm    | mm         | mm            |           | μm       | mm    | N               | mm             |
| 120131080 | 0-0.8 | 0,01       | 3             | 40-0-40   | ±10      | 12,8  | 0,1-0,18        | 32             |
| 120131020 | 0-0.2 | 0,002      | 1,5           | 100-0-100 | ±6       | 12,8  |                 | 40             |

## DELIVERY SET

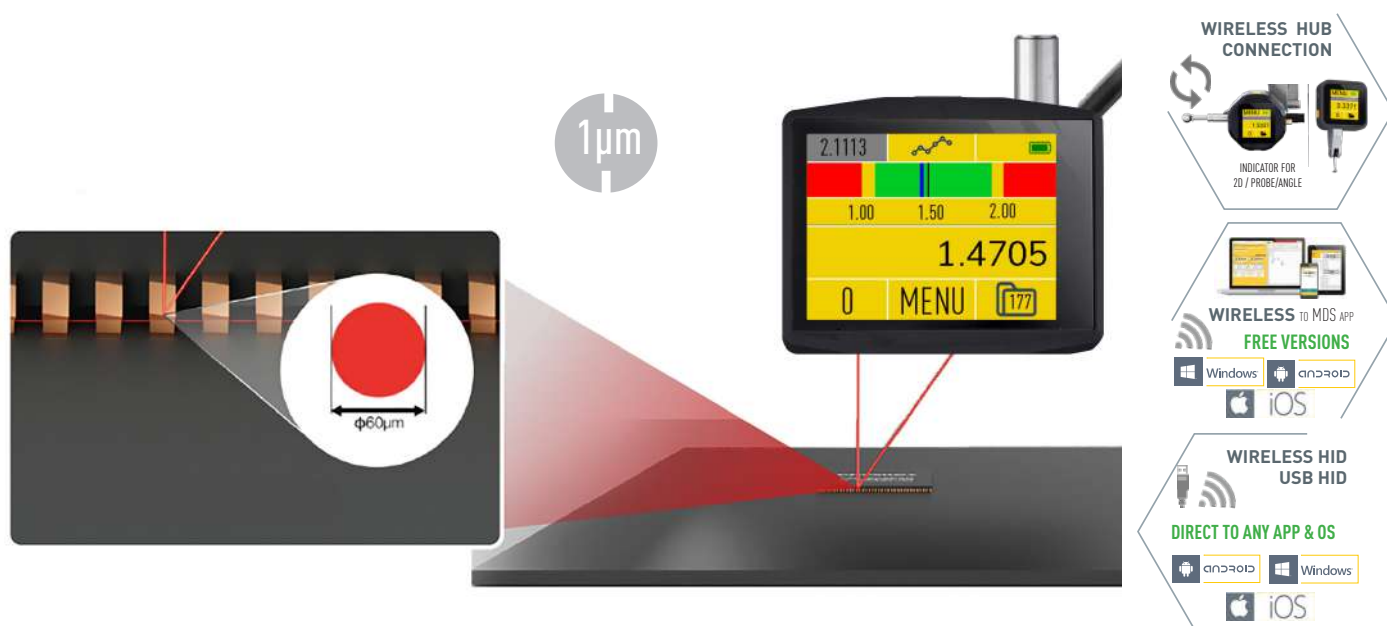


## OPTIONAL





- Industry 4.0 adopted LASER **DataMet** indicator with computerized MICS system (Hi-res 2.4" color Touchscreen display)
- LASER **DataMet** computerized indicator with 0.001mm resolution (adjust 0,001/0,01mm)
- Quick reading system up to 4 KHz
- IP67 Water-dust proof
- Clamping Ø 8-h6
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- Calibration certificate included (ISO17025 (Ilac MRA))



| Item No   | Range |        | Reso-<br>lution | Accu-<br>racy* | Clamping<br>Diameter | Proof | 2D connect | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory | WIRELESS | USB |
|-----------|-------|--------|-----------------|----------------|----------------------|-------|------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------|----------|-----|
|           | mm    | inch   | mm              | µm             | mm                   |       |            |               |         |              |        |         |         |         |       |           |             |             |           |          |        |          |     |
| 120177040 | ±4    | ±0.15" |                 | ±8             |                      |       | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |
| 120177200 | ±20   | ±0.75" | <b>0,001</b>    | ±20            | 8-h6                 | IP67  | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |
| 120177600 | ±60   | ±2.25" |                 | ±60            |                      |       | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |

\*ACCURACY ON WELL ON MATTE OR NON-REFLECTIVE SURFACES (CERAMIC)

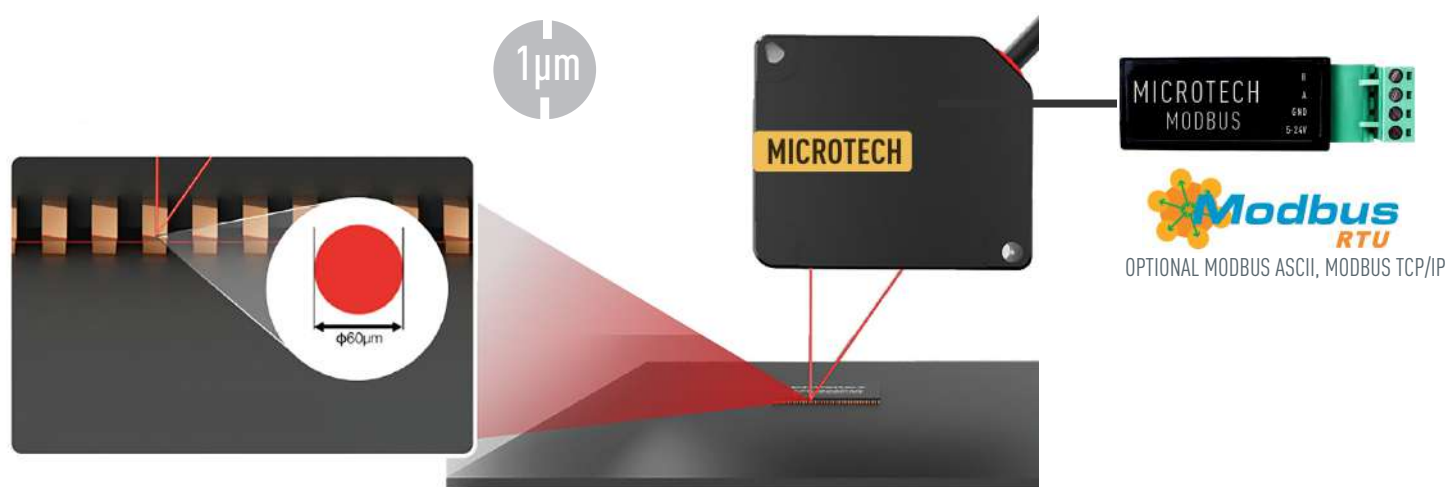
## DELIVERY SET



## OPTIONAL



- **MODBUS RTU** LASER indicator (OLED display), IP67 water-dust proof
- LASER **DataMet** computerized indicator with 0.001mm resolution (adjust 0,001/0,01mm)
- Clamping Ø 8-h6
- **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Quick reading system up to 4 KHz
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



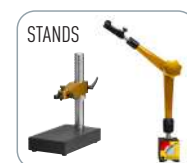
| Item No    | Range |        | Reso-<br>lution | Accu-<br>racy* | Clamping<br>Diameter | Proof | MODBUS RTU | MODBUS ASCII | MODBUS TCP/IP |
|------------|-------|--------|-----------------|----------------|----------------------|-------|------------|--------------|---------------|
|            | mm    | inch   | mm              | µm             | mm                   |       |            |              |               |
| 120177040M | ±4    | ±0.15" |                 | ±8             |                      |       | •          |              |               |
| 120177200M | ±20   | ±0.75" | 0,001           | ±20            | 8-h6                 | IP67  | •          | option       | option        |
| 120177600M | ±60   | ±2.25" |                 | ±60            |                      |       | •          |              |               |

\*ACCURACY ON WELL ON MATTE OR NON-REFLECTIVE SURFACES (CERAMIC)

## DELIVERY SET



## OPTIONAL



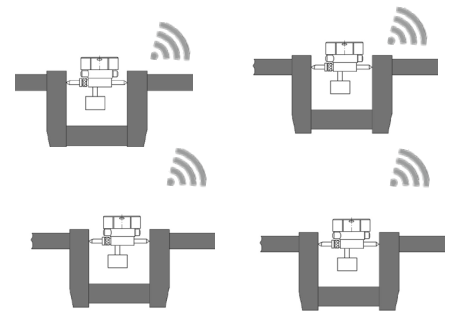
- **Industry 4.0** adopted sub-micron Computerized crankshaft tester with computerized MICS system with 1,54" color Touchscreen
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **Quick reading system** (50 value/sec)
- Tester for testing Crankshaft deflection. Complete with Computerized sub-micron indicator, extension rods set and balance block
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



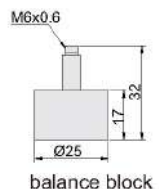
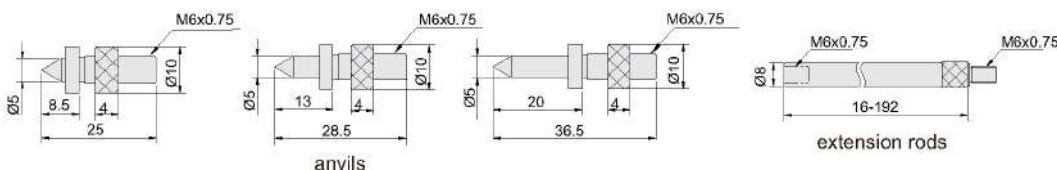
MICROTECH  
MODBUS  
MODIFICATION MODBUS RTU



### CONNECTION TO IoT DISPLAY UNIT OR PC WITH MDS APP



0,1µm



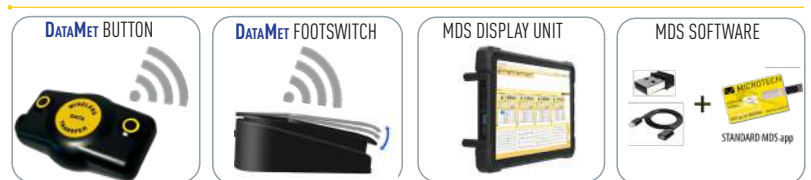
| Item No    | Range  |           | Resol. | Accu-<br>racy | Extension rods               | Preset | Go/NoGo | Max/Min | Formula | Timer | Linear corr | Calibr date | FW update | Recharge | Memory | WIRELESS | USB | MODBUS RTU |
|------------|--------|-----------|--------|---------------|------------------------------|--------|---------|---------|---------|-------|-------------|-------------|-----------|----------|--------|----------|-----|------------|
|            | set    | indicator |        |               |                              |        |         |         |         |       |             |             |           |          |        |          |     |            |
| 126050007  | 60-500 | 0-3       | 0,0001 | ±12           | 16, 32, 64, 96, 128, 192     | •      | •       | •       | •       | •     | •           | •           | •         | •        | •      | •        | •   | •          |
| 126050007M |        |           |        |               |                              | •      | •       | •       | •       | •     | •           | •           | •         | •        | •      | •        | •   | •          |
| 126070007  | 60-700 |           |        | ±15           | 16x2, 32, 64, 96, 128, 192x2 | •      | •       | •       | •       | •     | •           | •           | •         | •        | •      | •        | •   | •          |
| 126070007M |        |           |        |               |                              | •      | •       | •       | •       | •     | •           | •           | •         | •        | •      | •        | •   | •          |



## DELIVERY SET



## OPTIONAL



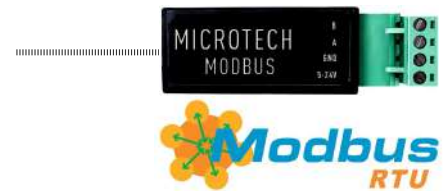
- Industry 4.0 adopted sub-micron CO-AXIAL CENTERING Computerized indicator with computerized MICS system with 1,54" color Touchscreen
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Quick reading system (50 value/sec)
- Centering a workpiece or fixture in the horizontal direction for vertical machines, internal or external diameter
- Set includes 7 probes
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

- PEAK FUNCTIONS: MAX, MIN, RANGE
- COLOR GO/NOGO
- TIMER
- MULTI-PRESET (4 PRESET SELECTING)

0,1µm



MODIFICATION MODBUS RTU



DataMet interface



CONNECTION possibilities

| Item No    | Measuring range |         | Resolution | Accuracy | DELIVERY SET                                 | Preset | Go/NoGo | Max/Min | Formula | Timer | Linear corr | Calibr date | FW update | Recharge | Memory | WIRELESS | USB | MODBUS RTU |
|------------|-----------------|---------|------------|----------|----------------------------------------------|--------|---------|---------|---------|-------|-------------|-------------|-----------|----------|--------|----------|-----|------------|
|            | mm              | inch    | mm         | µm       |                                              |        |         |         |         |       |             |             |           |          |        |          |     |            |
| 127050407  | 0-3,6           | 0-0,12" | 0,0001     | ±10      | center point feeler-1pcs                     | •      | •       | •       | •       | •     | •           | •           | •         | •        | •      | •        | •   |            |
| 127050407M |                 |         |            |          | Straight feeler -3pcs<br>curved feeler -3pcs | •      | •       | •       | •       | •     | •           | •           | •         | •        | •      | •        | •   | •          |



DOWNLOAD  
MDS app WINDOWS

Windows



DOWNLOAD  
MDS app iOS, MacOS

macOS  
iOS



DOWNLOAD  
MDS app ANDROID

android

## DELIVERY SET



## OPTIONAL





- Fine adjustment
- D60mm steel table
- For Dial, Digital indicators and probes installation (with 8mm clamping)



| Item No   | Base      | Measuring table | Flatness | Column  | Fine adjustment | Clamp hole D | Weight |
|-----------|-----------|-----------------|----------|---------|-----------------|--------------|--------|
|           | mm        | mm              | μm       | mm      | mm              | mm           | kg     |
| 161002020 | 149x90x30 | D60             | 2        | D22x180 | 8               | 8            | 2      |



- High accuracy handwheel movement
- Modification with Adjustable X axis
- For Dial, Digital indicators and probes installation (with 8mm clamping)

HANDWHEEL MOVEMENT

ADJUSTABLE X AXIS



161001511



161003022

HIGH ACCURACY



ITALIAN MADE

| Item No   | Base       | Measuring table | Column  | Z axis Fine adjustment | X axis Fine adjustment | Clamp hole D | Weight |
|-----------|------------|-----------------|---------|------------------------|------------------------|--------------|--------|
|           | mm         | mm              | mm      | micrometric            |                        | mm           | kg     |
| 161001511 | 150x100x46 | 72x100          | D30x250 | •                      |                        | 8            | 5,4    |
| 161003022 | 300x200x19 | 210x200         | D30x314 | •                      | •                      | 8            | 9,9    |



- High quality Granite gr.00 measuring table
- Modification with Helical thread,
- Modifications with Fine adjustment or adjustable arm
- For Dial, Digital indicators and probes installation (with 8mm clamping)

FINE ADJUSTMENT

HELICAL THREAD

ADJUSTMENT  
ARM

**TOP QUALITY**



GERMAN MADE

| Item No   | GRANITE Measuring table |                   |    | Column  | Helical thread | Fine adjustment | Adjustable arm | Clamp hole D | Weight |
|-----------|-------------------------|-------------------|----|---------|----------------|-----------------|----------------|--------------|--------|
|           | Table size              | Measuring surface | Gr |         |                |                 |                |              |        |
|           | mm                      | mm                |    | mm      |                |                 |                | mm           | kg     |
| 161057420 | 200x100x50              | 165x100           | 00 | D22x180 |                |                 |                | 8            | 4,0    |
| 161057442 | 250x200x50              | 200x200           | 00 | D35x210 | •              | •               |                | 8            | 10,6   |
| 161057471 | 400x250x50              | 350x250           | 00 | D35x230 | •              |                 | •              | 8            | 17,5   |



- Ceramic coating gr.00 measuring table
- 10x harder and more wear-resist than granite
- Polished and fine diamond lappong
- For Dial, Digital indicators and probes installation (with 8mm clamping)



**TOP QUALITY**  
 **GERMAN MADE**

| Item No   | CERAMIC Measuring table |                   |    | Column  | Clamp hole D | Weight |
|-----------|-------------------------|-------------------|----|---------|--------------|--------|
|           | Table size              | Measuring surface | Gr |         |              |        |
|           | mm                      | mm                |    |         | mm           | kg     |
| 161057422 | 200x100x50              | 165x100           | 00 | D22x180 | 8            | 4.0    |





- Top quality hydraulic magnetic stand with high lock force holder
- Aluminium arm with yellow-gold finished
- 100kgf magnetic base with ON/OFF fixation
- Fixation in any position
- Holds Diameters 8mm and dovetail



| Item No   | Magnetic force | Base        | Length | Clamp |          | Weight |
|-----------|----------------|-------------|--------|-------|----------|--------|
|           |                |             |        | D     | dovetail |        |
| 161110900 | 100 kgf        | 74x50x55 mm | 400 mm | 8 mm  | +        | 2 kg   |



- Universal articulated magnetic stand
- Aluminium arm with yellow-gold finished
- 80 , 100kgf or 130kgf magnetic base with ON/OFF fixation
- Fixation in any position
- Smooth height adjusting mechanism on 100 kgf version
- Holds Diameters 8mm and dovetail



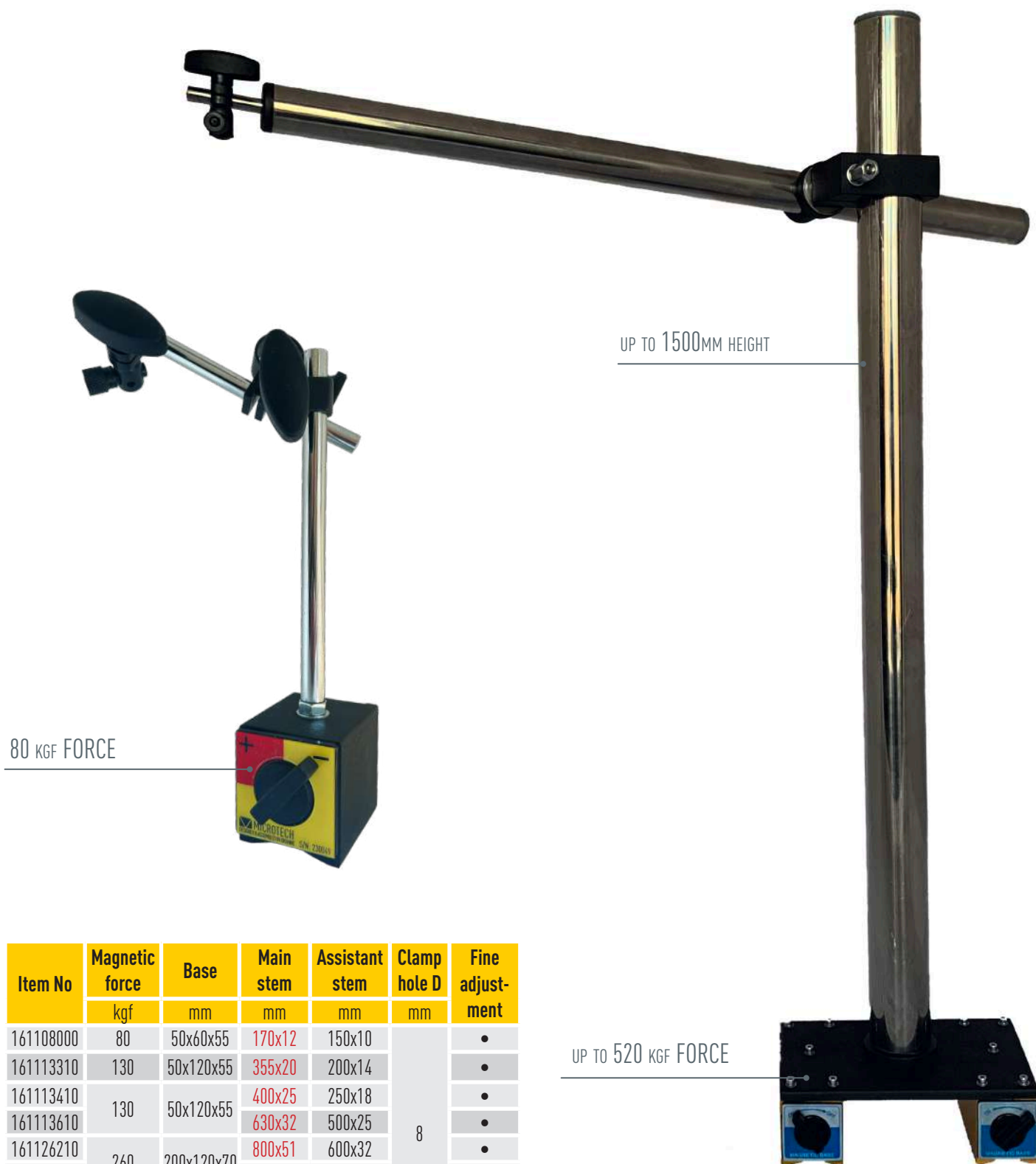
| Item No   | Magnetic force<br>kgf | Base<br>mm | Length<br>mm | Clamp   |          | Smooth height adjusting | Weight<br>kg |
|-----------|-----------------------|------------|--------------|---------|----------|-------------------------|--------------|
|           |                       |            |              | D<br>mm | dovetail |                         |              |
| 161108800 | 80                    | 50x60x55   | 380          | 8       | +        |                         | 1,4          |
| 161110801 | 100                   | 74x50x55   |              |         |          | +                       | 1,75         |
| 161113800 | 130                   | 50x120x55  |              |         |          |                         | 3,5          |



- Hardened magnetic stand
- Height of stand up to 1500mm
- 80-520 kgf magnetic base with ON/OFF fixation
- Holds Diameter 8mm
- Customized modifications for request (height, arm, Force)



**VIDEO**



| Item No   | Magnetic force | Base       | Main stem | Assistant stem | Clamp hole D | Fine adjustment |
|-----------|----------------|------------|-----------|----------------|--------------|-----------------|
|           | kgf            | mm         | mm        | mm             | mm           |                 |
| 161108000 | 80             | 50x60x55   | 170x12    | 150x10         | 8            | •               |
| 161113310 | 130            | 50x120x55  | 355x20    | 200x14         |              | •               |
| 161113410 | 130            | 50x120x55  | 400x25    | 250x18         |              | •               |
| 161113610 |                |            | 630x32    | 500x25         |              | •               |
| 161126210 |                |            | 800x51    | 600x32         |              | •               |
| 161126310 | 260            | 200x120x70 | 1000x51   | 600x32         |              | •               |
| 161152410 | 520            | 250x250x80 | 1250x76   | 800x51         |              | •               |
| 161152510 |                |            | 1500x76   | 800x51         |              | •               |

UP TO 520 KGF FORCE

## MICROMETER STAND

- Micrometer stand for fixing micrometers and snap gauges
- Customized modifications for requirement



| Item No   | Micrometer range | Depth | Adjustable angle | Weight |
|-----------|------------------|-------|------------------|--------|
|           |                  | mm    |                  | kg     |
| 161801500 | up to 100mm      | 4-20  | •                | 1,2    |





- **CertiMet** digital MICRON FILM Thickness gauge 0.001mm resolution
- Calibration certificate included (ISO17025 (Ilac MRA))



**PRESET**  
FUNCTION

1μm

| Item No   | Range | Depth | Roll width | Resolution | Accuracy | Proof | mm/inch | Preset | ABS | USB DATA |
|-----------|-------|-------|------------|------------|----------|-------|---------|--------|-----|----------|
|           | mm    | mm    | mm         | mm         | μm       |       |         |        |     |          |
| 137010106 | 0-10  | 100   | 7          | 0,001      | ±12      | IP65  | •       | •      | •   | •        |

## DELIVERY SET



## OPTIONAL

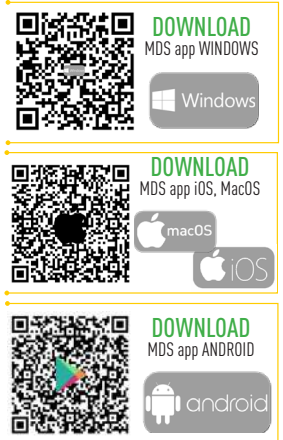
**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE A  
KEYBOARD



- **DataMet** FILM Thickness gauge with 0.0001mm resolution
- **WIRELESS** data transfer **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- MODIFICATION **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No    | Range | Depth | Roll width | Resolution | Accuracy | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB | MODBUS RTU |
|------------|-------|-------|------------|------------|----------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|------------|
| 137010108  | 0-10  | 100   | 7          | 0,0001     | ±10      | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          |
| 137010108M |       |       |            |            |          | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          |



## DELIVERY SET



## OPTIONAL



- **CertiMet** digital MICRON WALL Thickness gauge 0.001mm resolution
- Contact point D 4 or 6mm
- Calibration certificate included (ISO17025 (Ilac MRA))



**PRESET**  
FUNCTION

1  $\mu$ m

| Item No   | Range | Contact point | Resolution | Accuracy | Proof | mm/inch | Preset | ABS | USB DATA |
|-----------|-------|---------------|------------|----------|-------|---------|--------|-----|----------|
|           | mm    | mm            | mm         | $\mu$ m  |       |         |        |     |          |
| 137011146 | 0-10  | D 4           | 0,001      | $\pm 12$ | IP65  | •       | •      | •   | •        |
| 137011106 |       | D 6           |            |          | IP65  | •       | •      | •   | •        |

## DELIVERY SET

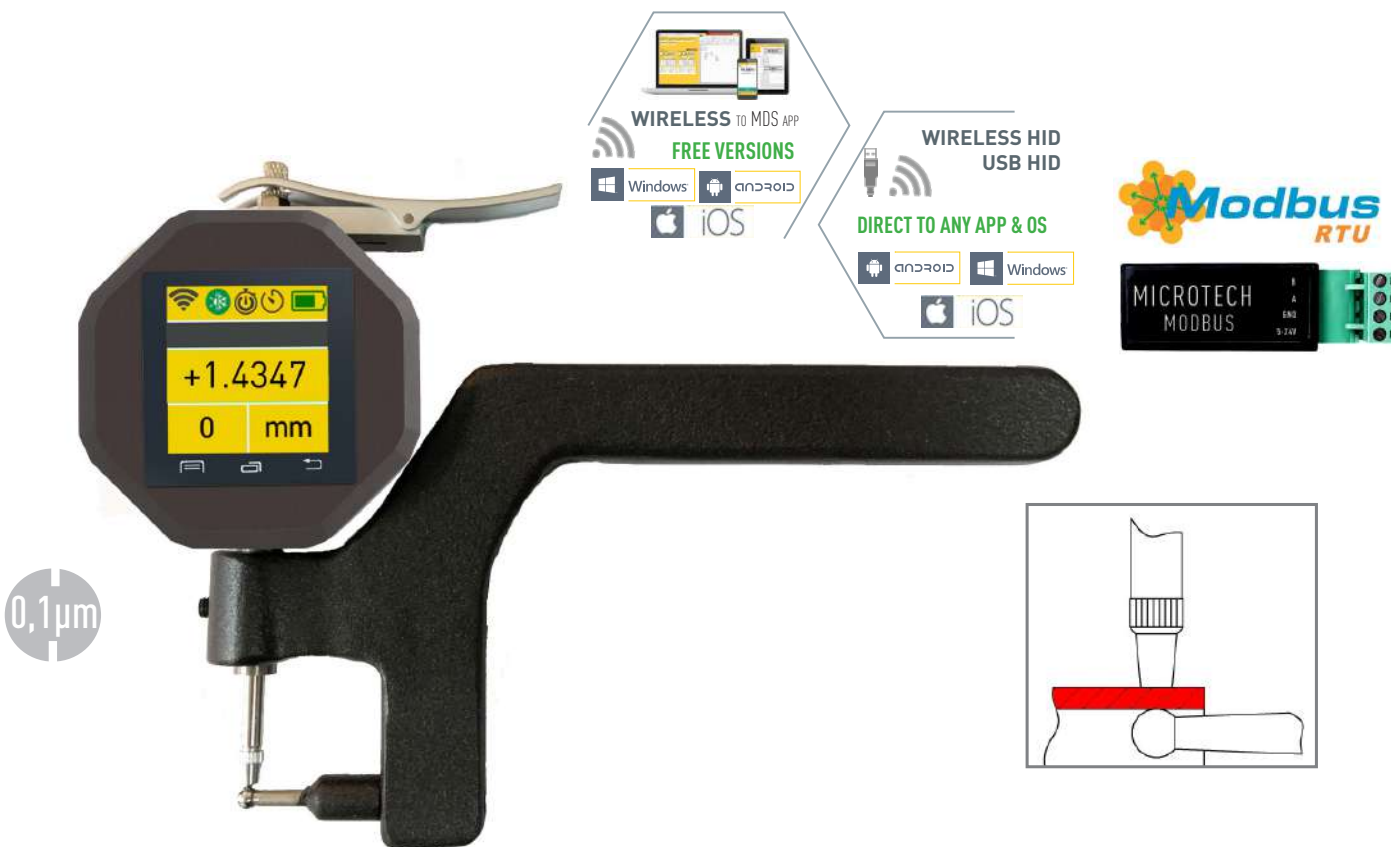


## OPTIONAL

**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE A  
KEYBOARD



- DataMet FILM Thickness gauge with 0.0001mm resolution
- **WIRELESS** data transfer **3 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- MODIFICATION MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))



| Item No    | Range | Contact point | Resolution | Accuracy | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB | MODBUS RTU |   |  |
|------------|-------|---------------|------------|----------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|------------|---|--|
|            | mm    | mm            | mm         | μm       |        |         |         |         |       |           |             |             |          |        |          |     |            |   |  |
| 137011147  | 0-10  | D 4           | 0,0001     | ±8       | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |            |   |  |
| 137011147M |       |               |            |          | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | • |  |
| 137011107  |       | D 6           |            |          | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | • |  |
| 13701110M  |       |               |            |          | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | • |  |



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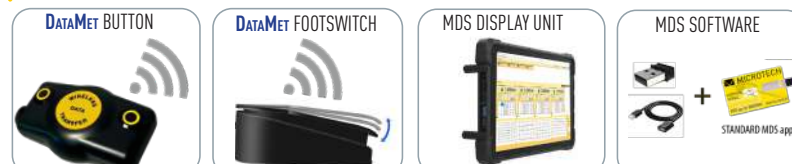
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## DELIVERY SET



## OPTIONAL





- **CertiMet** digital MICRON thickness gauge for Braille dot height
- Modification with Micron Digital indicator IP65 proof with PRESET function
- Modification with Sub-Micron Computerized indicator with functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status, Memory 2000 values, Folders system, Statistics mode, Memory data transfer
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No   | Range | Resolution | Accuracy | Depth | Contact points D | Base  | Preset | Go/NoGo | Max/Min | Formula | Timer | FW update | Recharge | Memory | WIRELESS | USB |
|-----------|-------|------------|----------|-------|------------------|-------|--------|---------|---------|---------|-------|-----------|----------|--------|----------|-----|
| 137022078 | 0-10  | 0.001      | ±5       | 60    | 7.8              | steel | •      |         |         |         |       |           |          |        |          |     |

## DELIVERY SET

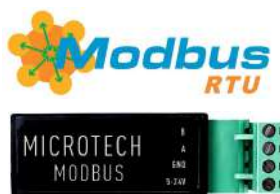


## OPTIONAL

**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE A  
KEYBOARD



- Industry 4.0 adopted DataMet Braile dot thickness gauge
- Granite base gr.00
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Quick reading system (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- MODIFICATION MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))



| Item No    | Range | Resolution | Accuracy | Depth | Contact points D | Base          | Preset | Go/NoGo | Max/Min | Formula | Timer | FW update | Recharge | Memory | WIRELESS | USB | MODBUS RTU |
|------------|-------|------------|----------|-------|------------------|---------------|--------|---------|---------|---------|-------|-----------|----------|--------|----------|-----|------------|
| 137022079  | mm    | mm         | μm       | mm    | mm               |               |        |         |         |         |       |           |          |        |          |     |            |
| 137022079M | 0-10  | 0.0001     | ±3       | 60    | 7.8              | granite gr.00 | •      | •       | •       | •       | •     | •         | •        | •      | •        | •   | •          |



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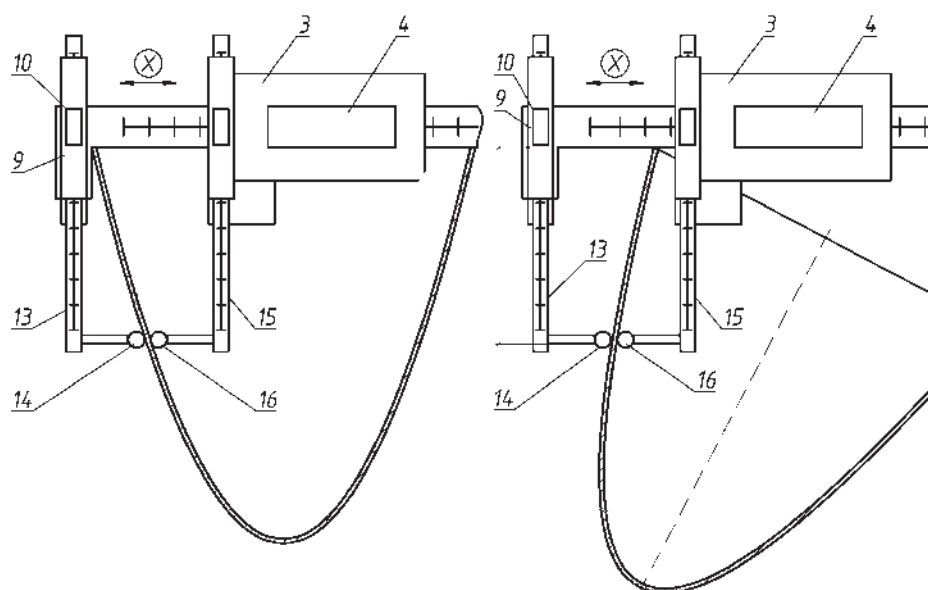


## DELIVERY SET



## OPTIONAL





- 2D Thickness gauge for deep and complex shapes measuring. Control Z (jaws depth) and X (depth and range) axes
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **3 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No   | Range |       | Resolution |       | Accuracy |     | 2D connect | Probe connect | On-line Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge batt | Memory | Wireless | USB |
|-----------|-------|-------|------------|-------|----------|-----|------------|---------------|-----------------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|---------------|--------|----------|-----|
|           | X     | Z     | Z          | X     | Z        | X   |            |               |                 |              |        |         |         |         |       |           |             |             |               |        |          |     |
|           | mm    | mm    | mm         | mm    | µm       | µm  |            |               |                 |              |        |         |         |         |       |           |             |             |               |        |          |     |
| 149020307 | 0-300 | 0-150 | 0.001      | 0.005 | ±30      | ±30 | •          | •             | •               | •            | •      | •       | •       | •       | •     | •         | •           | •           | •             | •      | •        | •   |
| 149020507 | 0-500 |       |            |       | ±50      | ±30 | •          | •             | •               | •            | •      | •       | •       | •       | •     | •         | •           | •           | •             | •      | •        | •   |



DataMet  
interface



CONNECTION  
possibilities



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MDS app WINDOWS



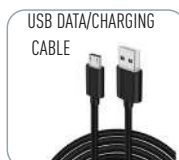
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## DELIVERY SET



## OPTIONAL







RANGE:0-30MM  
DEPTH 200MM



RANGE:0-20MM  
DEPTH 120MM



RANGE:0-50MM  
DEPTH 300MM



RANGE:0-100MM  
DEPTH 800MM

CUSTOM RANGE AND DEPTH FOR REQUEST

- Dial thickness gauge with range up to 100mm and depth up to 800mm
- Lifting device with self closing
- Optional contact point or gauge configuration for request
- **Calibration** certificate included (ISO17025 (Ilac MRA))

| Item No   | Range | Resolution | Accuracy | Depth of jaws | Contact points D | Lifting device | Force   | Weight |
|-----------|-------|------------|----------|---------------|------------------|----------------|---------|--------|
|           | mm    | mm         | μm       | mm            | mm               |                | N       | kg     |
| 137001021 | 0-1   | 0.001      | ±5       | 25            | 6,35             | ●              | 0,5-0,7 | 0,26   |
| 137010121 | 0-10  |            | ±30      | 120           | 10               | ●              | 0,7-1,3 | 0,34   |
| 137020121 | 0-20  |            | ±40      | 120           |                  | ●              | 1,2-1,8 | 0,38   |
| 137030201 | 0-30  |            | ±40      | 200           |                  | ●              |         | 0,66   |
| 137030401 |       |            | ±50      | 400           |                  | ●              |         | 1,5    |
| 137050301 | 0-50  |            | ±60      | 300           |                  | ●              | 1,8-2,3 | 1,5    |
| 137050451 |       |            | ±70      | 450           |                  | ●              |         | 3,3    |
| 137050801 |       |            | ±90      | 800           |                  | ●              |         | 4,8    |
| 137100401 | 0-100 |            | ±70      | 400           |                  | ●              | 2,5-3,3 | 3,8    |
| 137100801 |       |            | ±100     | 800           |                  | ●              |         | 5,4    |



## DELIVERY SET





**PRESET**  
FUNCTION



**CUSTOM RANGE AND DEPTH FOR REQUEST**

- **CertiMet** digital MICRON thickness gauge with range up to 300mm and depth up to 800mm
- Micron Digital indicator IP65 proof with PRESET and HOLD function
- Optional contact point or gauge configuration for request
- **Calibration** certificate included (ISO17025 (Ilac MRA))

| Item No   | Range   | Reso-<br>lution | Accuracy | Depth | Contact<br>points D | Lifting<br>device | Force   | Weight | Proof | mm/inch | Preset | ABS | ISR DATA |
|-----------|---------|-----------------|----------|-------|---------------------|-------------------|---------|--------|-------|---------|--------|-----|----------|
|           | mm      | mm              | µm       | mm    | mm                  |                   | N       | kg     |       |         |        |     |          |
| 137001028 | 0-1     | 0.001           | ±3       | 25    | 6,35                | ●                 | 0,5-0,7 | 0,26   | IP65  | ●       | ●      | ●   | ●        |
| 137010128 | 0-10    |                 | ±12      | 120   | 10                  | ●                 | 0,7-1,3 | 0,34   | IP65  | ●       | ●      | ●   | ●        |
| 137020128 | 0-20    |                 | ±15      | 120   |                     | ●                 | 1,2-1,8 | 0,38   | IP65  | ●       | ●      | ●   | ●        |
| 137030208 | 0-30    |                 | ±18      | 200   |                     | ●                 |         | 0,66   | IP65  | ●       | ●      | ●   | ●        |
| 137030408 |         |                 | ±25      | 400   |                     | ●                 |         | 1,5    | IP65  | ●       | ●      | ●   | ●        |
| 137050308 | 0-50    |                 | ±25      | 300   |                     | ●                 | 1,8-2,3 | 1,5    | IP65  | ●       | ●      | ●   | ●        |
| 137050458 |         |                 | ±30      | 450   |                     | ●                 |         | 3,3    | IP65  | ●       | ●      | ●   | ●        |
| 137050808 |         |                 | ±40      | 800   |                     | ●                 |         | 4,8    | IP65  | ●       | ●      | ●   | ●        |
| 137100408 | 0-100   |                 | ±30      | 400   |                     | ●                 | 2,5-3,3 | 3,8    | IP65  | ●       | ●      | ●   | ●        |
| 137100808 |         |                 | ±55      | 800   |                     | ●                 |         | 5,4    | IP65  | ●       | ●      | ●   | ●        |
| 137150408 | 0-150   |                 | ±55      | 400   |                     | ●                 | 2,9-4,1 | 8,5    | IP65  | ●       | ●      | ●   | ●        |
| 137150808 |         |                 | ±80      | 800   |                     | ●                 |         | 10,8   | IP65  | ●       | ●      | ●   | ●        |
| 137300408 | 150-300 |                 | ±70      | 400   |                     | ●                 |         | 11,2   | IP65  | ●       | ●      | ●   | ●        |
| 137300808 |         |                 | ±95      | 800   |                     | ●                 | 14,6    | IP65   | ●     | ●       | ●      | ●   |          |

## DELIVERY SET



## OPTIONAL

**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE A  
KEYBOARD





- **CertiMet** digital MICRON CARBON thickness gauge with range up to 300mm and depth up to 800mm
- Light CARBON fiber gauge (top quality, Italian made)
- Micron Digital indicator IP65 proof with PRESET and HOLD function
- Optional contact point or gauge configuration for request
- **Calibration** certificate included (ISO17025 (Ilac MRA))



CARBON FIBER GAUGE



ITALIAN MADE

| Item No   | Range | Resolution | Accuracy | Depth | Contact points D | Weight | Proof | mm/inch | Preset | ABS | USB DATA |
|-----------|-------|------------|----------|-------|------------------|--------|-------|---------|--------|-----|----------|
|           | mm    | mm         | µm       | mm    | mm               | kg     |       |         |        |     |          |
| 137033208 | 0-30  | 0,001      | ±20      | 200   | 10               | 0,9    | IP65  | •       | •      | •   | •        |
| 137033308 |       |            | ±25      | 300   |                  | 1,2    | IP65  | •       | •      | •   | •        |

## DELIVERY SET



## OPTIONAL

**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE A  
KEYBOARD



- **CertiMet** digital MICRON POINT thickness gauge with range up to 300mm and depth up to 800mm
- Micron Digital indicator IP65 proof with PRESET and HOLD function
- Optional contact point or gauge configuration for request
- **Calibration** certificate included (ISO17025 (Ilac MRA))



## PRESET FUNCTION



| Item No    | Range   | Reso-<br>lution | Accuracy | Depth | Contact<br>points D | Lifting<br>device | Force   | Weight | Proof | mm/inch | Preset | ABS | USB DATA |
|------------|---------|-----------------|----------|-------|---------------------|-------------------|---------|--------|-------|---------|--------|-----|----------|
|            | mm      | mm              | µm       | mm    | mm                  |                   | N       | kg     |       |         |        |     |          |
| 137010128P | 0-10    | 0,001           | ±12      | 120   | Point D 0.3         | •                 | 0,7-1,3 | 0,34   | IP65  | •       | •      | •   | •        |
| 137025208P | 0-25    |                 | ±18      | 200   |                     | •                 | 1.2-1.8 | 0,66   | IP65  | •       | •      | •   | •        |
| 137025408P |         |                 | ±25      | 400   |                     | •                 |         | 1,5    | IP65  | •       | •      | •   | •        |
| 137050308P | 0-50    |                 | ±25      | 300   |                     | •                 | 1,8-2,3 | 1,5    | IP65  | •       | •      | •   | •        |
| 137050458P |         |                 | ±30      | 450   |                     | •                 |         | 3,3    | IP65  | •       | •      | •   | •        |
| 137050808P |         |                 | ±40      | 800   |                     | •                 |         | 4,8    | IP65  | •       | •      | •   | •        |
| 137100408P | 0-100   |                 | ±30      | 400   |                     | •                 | 2,5-3,3 | 3,8    | IP65  | •       | •      | •   | •        |
| 137100808P |         |                 | ±55      | 800   |                     | •                 |         | 5,4    | IP65  | •       | •      | •   | •        |
| 137150408P | 0-150   |                 | ±55      | 400   |                     | •                 | 2.9-4.1 | 8,5    | IP65  | •       | •      | •   | •        |
| 137150808P |         |                 | ±80      | 800   |                     | •                 |         | 10,8   | IP65  | •       | •      | •   | •        |
| 137300408P | 150-300 |                 | ±70      | 400   |                     | •                 |         | 11,2   | IP65  | •       | •      | •   | •        |
| 137300808P |         |                 | ±95      | 800   |                     | •                 |         | 14,6   | IP65  | •       | •      | •   | •        |

## DELIVERY SET



## OPTIONAL

**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE A  
KEYBOARD





PRESET  
FUNCTION

1  $\mu$ m

CUSTOM RANGE AND DEPTH FOR REQUEST



HAND LAPPED DISKS  
DIAMETERS 20, 30, 50MM

- **CertiMet** digital MICRON DISK thickness gauge with range up to 300mm and depth up to 800mm
- Micron Digital indicator IP65 proof with PRESET and HOLD function
- Modifications with DISK D 20, 30, 50mm (Custom Diameters for request)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

| Item No                               | Range | Reso-<br>lution | Accu-<br>racy | Depth | Contact<br>points D | Lifting<br>device | Force   | Weight  | Proof   | mm/inch | Preset | ABS | USB DATA |
|---------------------------------------|-------|-----------------|---------------|-------|---------------------|-------------------|---------|---------|---------|---------|--------|-----|----------|
|                                       | mm    | mm              | µm            | mm    | mm                  |                   | N       | kg      |         |         |        |     |          |
| THICKNESS GAUGE with DISK ANVILS 20mm |       |                 |               |       |                     |                   |         |         |         |         |        |     |          |
| 137010128D2                           | 0-10  | 0,001           | ±12           | 120   | Disk<br>D=20mm      | •                 | 0,7-1,3 | 0,34    | IP65    | •       | •      | •   | •        |
| 137025208D2                           | 0-25  |                 | ±18           | 200   |                     | •                 | 1.2-1.8 | 0,66    | IP65    | •       | •      | •   | •        |
| 137025408D2                           |       |                 | ±25           | 400   |                     | •                 |         | 1,5     | IP65    | •       | •      | •   | •        |
| 137050308D2                           |       |                 | ±25           | 300   |                     | •                 |         | 1,8-2,3 | 1,5     | IP65    | •      | •   | •        |
| 137050408D2                           | 0-50  |                 | ±30           | 400   |                     | •                 | 3,3     |         | IP65    | •       | •      | •   | •        |
| 137050808D2                           |       |                 | ±40           | 800   |                     | •                 | 4,8     |         | IP65    | •       | •      | •   | •        |
| 137100408D2                           |       |                 | 0-100         | ±30   |                     | 400               | •       | 2,5-3,3 | 3,8     | IP65    | •      | •   | •        |
| 137100808D2                           | ±55   |                 |               | 800   |                     | •                 | 5,4     |         | IP65    | •       | •      | •   | •        |
| 137150408D2                           | 0-150 |                 |               | ±55   |                     | 400               | •       |         | 2,9-4.1 | 8,5     | IP65   | •   | •        |
| 137150808D2                           |       |                 | ±80           | 800   |                     | •                 | 10,8    | IP65    |         | •       | •      | •   | •        |
| 137300408D2                           |       |                 | 150-300       | ±70   |                     | 400               | •       | 11,2    |         | IP65    | •      | •   | •        |
| 137300808D2                           | ±95   |                 |               | 800   |                     | •                 | 14,6    | IP65    |         | •       | •      | •   | •        |
| THICKNESS GAUGE with DISK ANVILS 30mm |       |                 |               |       |                     |                   |         |         |         |         |        |     |          |
| 137025208D3                           | 0-25  | 0,001           | ±18           | 200   | Disk<br>D=30mm      | •                 | 1.2-1.8 | 0,66    | IP65    | •       | •      | •   | •        |
| 137025408D3                           |       |                 | ±25           | 400   |                     | •                 |         | 1,5     | IP65    | •       | •      | •   | •        |
| 137050308D3                           | 0-50  |                 | ±25           | 300   |                     | •                 | 1,8-2,3 | 1,5     | IP65    | •       | •      | •   | •        |
| 137050408D3                           |       |                 | ±30           | 400   |                     | •                 |         | 3,3     | IP65    | •       | •      | •   | •        |
| 137050808D3                           |       |                 | ±40           | 800   |                     | •                 |         | 4,8     | IP65    | •       | •      | •   | •        |
| 137100408D3                           | 0-100 |                 | ±30           | 400   |                     | •                 | 2,5-3,3 | 3,8     | IP65    | •       | •      | •   | •        |
| 137100808D3                           |       |                 | ±55           | 800   |                     | •                 |         | 5,4     | IP65    | •       | •      | •   | •        |
| 137150408D3                           | 0-150 |                 | ±55           | 400   |                     | •                 | 2,9-4.1 | 8,5     | IP65    | •       | •      | •   | •        |
| 137150808D3                           |       |                 | ±80           | 800   |                     | •                 |         | 10,8    | IP65    | •       | •      | •   | •        |
| 137300408D3                           |       |                 | 150-300       | ±70   |                     | 400               |         | •       | 11,2    | IP65    | •      | •   | •        |
| 137300808D3                           | ±95   |                 |               | 800   |                     | •                 |         | 14,6    | IP65    | •       | •      | •   | •        |
| THICKNESS GAUGE with DISK ANVILS 50mm |       |                 |               |       |                     |                   |         |         |         |         |        |     |          |
| 137025208D5                           | 0-25  | 0,001           | ±18           | 200   | Disk<br>D=50mm      | •                 | 1.2-1.8 | 0,66    | IP65    | •       | •      | •   | •        |
| 137025408D5                           |       |                 | ±25           | 400   |                     | •                 |         | 1,5     | IP65    | •       | •      | •   | •        |
| 137050308D5                           | 0-50  |                 | ±25           | 300   |                     | •                 | 1,8-2,3 | 1,5     | IP65    | •       | •      | •   | •        |
| 137050408D5                           |       |                 | ±30           | 400   |                     | •                 |         | 3,3     | IP65    | •       | •      | •   | •        |
| 137050808D5                           |       |                 | ±40           | 800   |                     | •                 |         | 4,8     | IP65    | •       | •      | •   | •        |
| 137100408D5                           | 0-100 |                 | ±30           | 400   |                     | •                 | 2,5-3,3 | 3,8     | IP65    | •       | •      | •   | •        |
| 137100808D5                           |       |                 | ±55           | 800   |                     | •                 |         | 5,4     | IP65    | •       | •      | •   | •        |
| 137150408D5                           | 0-150 |                 | ±55           | 400   |                     | •                 | 2,9-4.1 | 8,5     | IP65    | •       | •      | •   | •        |
| 137150808D5                           |       |                 | ±80           | 800   |                     | •                 |         | 10,8    | IP65    | •       | •      | •   | •        |
| 137300408D5                           |       |                 | 150-300       | ±70   |                     | 400               |         | •       | 11,2    | IP65    | •      | •   | •        |
| 137300808D5                           | ±95   |                 |               | 800   |                     | •                 |         | 14,6    | IP65    | •       | •      | •   | •        |

## DELIVERY SET

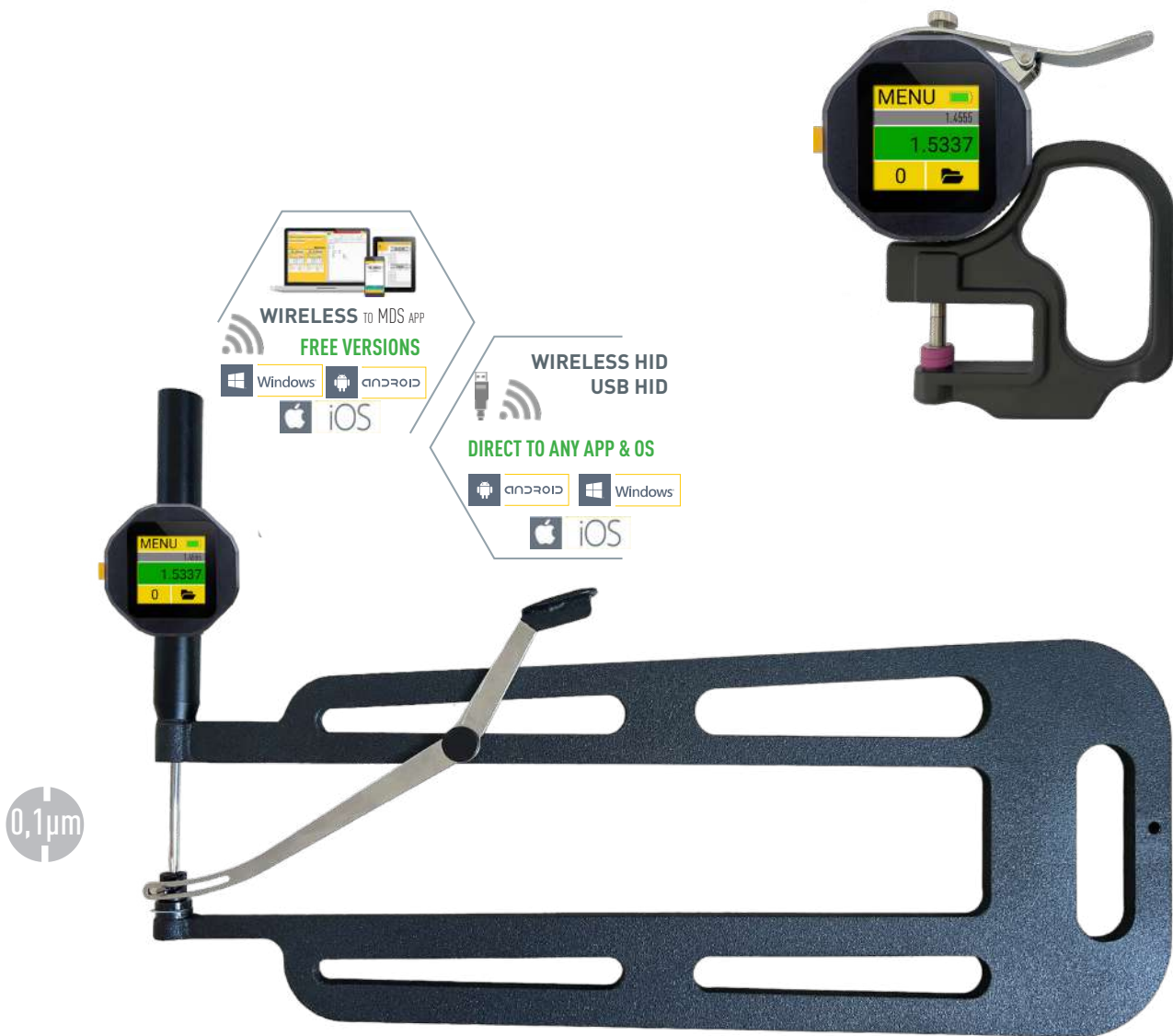


## OPTIONAL

**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE A  
KEYBOARD







CUSTOM RANGE AND DEPTH FOR REQUEST

## DATAmet FUNCTIONS



- Industry 4.0 adopted **DataMet** thickness gauge with range up to 300mm and depth up to 800mm
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **Quick reading system** (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **OPTIONAL MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))

| Item No   | Range   | Reso-<br>lution | Accu-<br>racy | Depth | Contact<br>points D | Lifting<br>device | Force   | Weight | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory                                                                        | WIRELESS | USB | MODBUS RTU |
|-----------|---------|-----------------|---------------|-------|---------------------|-------------------|---------|--------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|-------------------------------------------------------------------------------|----------|-----|------------|
|           | mm      | mm              | µm            | mm    | mm                  |                   | N       | kg     |        |         |         |         |       |           |             |             |           |          |                                                                               |          |     |            |
| 137001027 | 0-1     | 0.0001          | ±3            | 25    | 6,35                | ●                 | 0,5-0,7 | 0,26   | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●         | ●        | Folders / 2000 val<br>Long range / HID<br>USB HID / Update firmware<br>OPTION |          |     |            |
| 137010127 | 0-10    |                 | ±8            | 120   | 10                  | ●                 | 0,7-1,3 | 0,34   | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●         | ●        |                                                                               |          |     |            |
| 137020127 | 0-20    |                 | ±12           | 120   |                     | ●                 | 1,2-1,8 | 0,38   | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●         | ●        |                                                                               |          |     |            |
| 137030207 | 0-30    |                 | ±15           | 200   |                     | ●                 |         | 0,66   | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●         | ●        |                                                                               |          |     |            |
| 137030407 |         |                 | ±20           | 400   |                     | ●                 |         | 1,5    | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●         | ●        |                                                                               |          |     |            |
| 137050307 | 0-50    |                 | ±20           | 300   |                     | ●                 | 1,8-2,3 | 1,5    | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●         | ●        |                                                                               | ●        |     |            |
| 137050457 |         |                 | ±22           | 450   |                     | ●                 |         | 3,3    | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●         | ●        |                                                                               |          |     |            |
| 137050807 |         |                 | ±35           | 800   |                     | ●                 |         | 4,8    | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●         | ●        |                                                                               |          |     |            |
| 137100407 | 0-100   |                 | ±24           | 400   |                     | ●                 | 2,5-3,3 | 3,8    | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●         | ●        |                                                                               | ●        |     |            |
| 137100807 |         |                 | ±44           | 800   |                     | ●                 |         | 5,4    | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●         | ●        |                                                                               |          |     |            |
| 137150407 | 0-150   |                 | ±50           | 400   |                     | ●                 | 2,9-4.1 | 8,5    | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●         | ●        |                                                                               | ●        |     |            |
| 137150807 |         |                 | ±70           | 800   |                     | ●                 |         | 10,8   | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●         | ●        |                                                                               |          |     |            |
| 137300407 | 150-300 |                 | ±60           | 400   |                     | ●                 |         | 11,2   | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●         | ●        |                                                                               | ●        |     |            |
| 137300807 |         |                 | ±85           | 800   |                     | ●                 |         | 14,6   | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●         | ●        |                                                                               | ●        |     |            |


**DataMet**  
interface

**CONNECTION**  
possibilities

**VIDEO**

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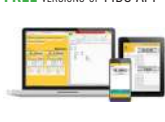

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## DELIVERY SET

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CALIBRATION PROTOCOL

## OPTIONAL

**DATAMET** BUTTON

**DATAMET** FOOTSWITCH


MDS DISPLAY UNIT



MDS SOFTWARE



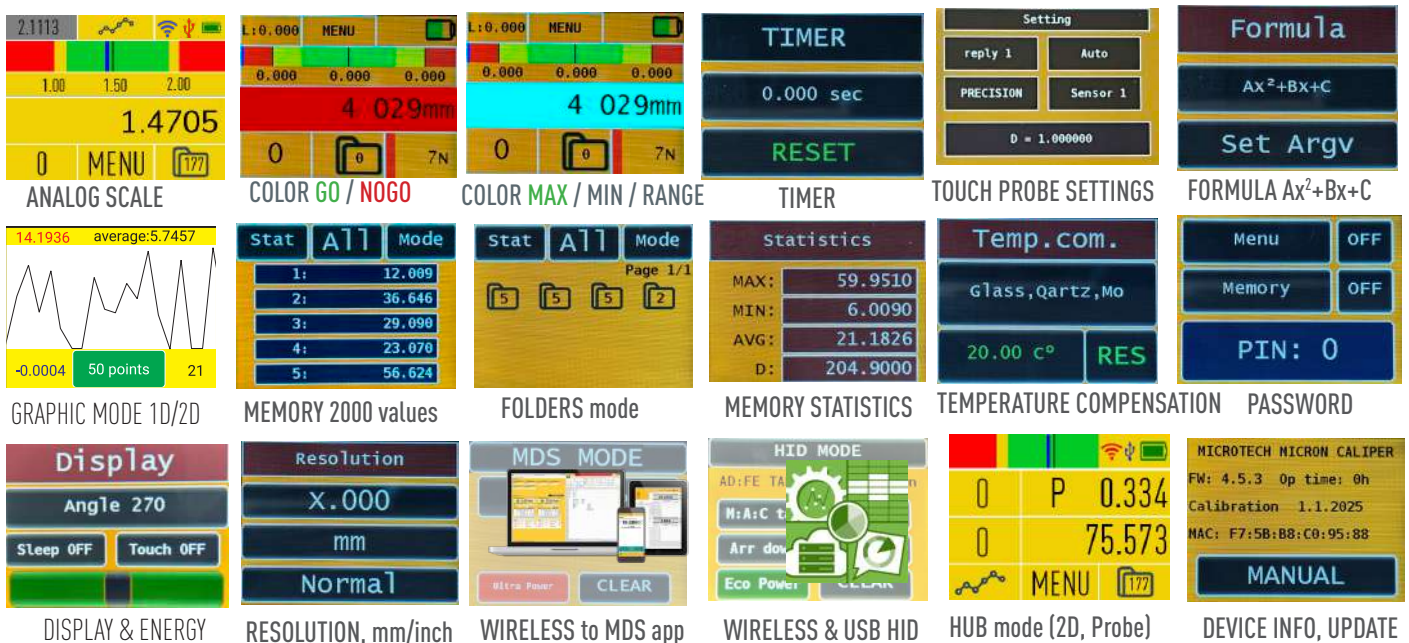
STANDARD MDS app



0,1µm

CARBON FIBER GAUGE  
ITALIAN MADE

## DATAmet FUNCTIONS





- Industry 4.0 adopted DataMet CARBON thickness gauge
- Light CARBON fiber gauge (top quality, Italian made)
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Quick reading system (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- OPTIONAL MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))

## CARBON DataMet THICKNESS GAUGE IP65

| Item No   | Range | Resolution | Accuracy | Depth | Contact points D | Weight | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory | WIRELESS | USB |
|-----------|-------|------------|----------|-------|------------------|--------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------|----------|-----|
|           | mm    | mm         | μm       | mm    | mm               | kg     |        |         |         |         |       |           |             |             |           |          |        |          |     |
| 137033207 | 0-30  | 0,0001     | ±15      | 200   | 10               | 0,9    | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |
| 137033407 |       |            | ±18      | 300   |                  | 1,2    | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |

## MODBUS CARBON DataMet THICKNESS GAUGE IP65

| Item No    | Range | Resolution | Accuracy | Depth | Contact points D | Weight | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory | WIRELESS | USB | MODBUS RTU |
|------------|-------|------------|----------|-------|------------------|--------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------|----------|-----|------------|
|            | mm    | mm         | μm       | mm    | mm               | kg     |        |         |         |         |       |           |             |             |           |          |        |          |     |            |
| 137033207M | 0-30  | 0,0001     | ±15      | 200   | 10               | 0,9    | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   | •          |
| 137033407M |       |            | ±18      | 300   |                  | 1,2    | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   | •          |



DataMet interface



CONNECTION possibilities



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## DELIVERY SET

FREE VERSIONS OF MDS APP



USB DATA/CHARGING CABLE



CALIBRATION PROTOCOL

## OPTIONAL

DATAmet BUTTON



DATAmet FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



STANDARD MDS app





**HAND LAPPED DISKS  
DIAMETERS 20, 30, 50MM**

**CUSTOM RANGE AND DEPTH FOR REQUEST**

## DATA MET FUNCTIONS

|                                    |                                   |                                       |                                      |                                        |                                   |
|------------------------------------|-----------------------------------|---------------------------------------|--------------------------------------|----------------------------------------|-----------------------------------|
| <p><b>ANALOG SCALE</b></p>         | <p><b>COLOR GO / NOGO</b></p>     | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>                  | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>Formula</b></p>             |
| <p><b>GRAPHIC MODE 1D/2D</b></p>   | <p><b>MEMORY 2000 values</b></p>  | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p>      | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>            |
| <p><b>DISPLAY &amp; ENERGY</b></p> | <p><b>RESOLUTION, mm/inch</b></p> | <p><b>WIRELESS to MDS app</b></p>     | <p><b>WIRELESS &amp; USB HID</b></p> | <p><b>HUB mode (2D, Probe)</b></p>     | <p><b>DEVICE INFO, UPDATE</b></p> |

- Industry 4.0 adopted DataMet thickness gauge with range up to 300mm and depth up to 800mm
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Modifications with DISK D 20, 30, 50mm (Custom Diameters for request)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- OPTIONAL MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No                               | Range   | Reso-<br>lution | Accu-<br>racy | Depth | Contact<br>points D | Lifting<br>device | Force   | Weight | Preset | Go/NoGo | Max/Min | Formula | Timer | Memory             | WIRELESS         | USB                       | MODBUS RTU |
|---------------------------------------|---------|-----------------|---------------|-------|---------------------|-------------------|---------|--------|--------|---------|---------|---------|-------|--------------------|------------------|---------------------------|------------|
|                                       | mm      | mm              | μm            | mm    | mm                  |                   | N       | kg     |        |         |         |         |       |                    |                  |                           |            |
| THICKNESS GAUGE with DISK ANVILS 20mm |         |                 |               |       |                     |                   |         |        |        |         |         |         |       |                    |                  |                           |            |
| 137010127D2                           | 0-10    | 0,0001          | ±12           | 120   | Disk<br>D=20mm      | •                 | 0,7-1,3 | 0,34   | •      | •       | •       | •       | •     | Folders / 2000 val | Long range / HID | USB HID / Update firmware | OPTION     |
| 137025207D2                           | 0-25    |                 | ±18           | 200   |                     | •                 | 1.2-1.8 | 0,66   | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137025407D2                           |         |                 | ±25           | 400   |                     | •                 |         | 1,5    | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137050307D2                           | 0-50    |                 | ±25           | 300   |                     | •                 | 1,8-2,3 | 1,5    | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137050457D2                           |         |                 | ±30           | 450   |                     | •                 |         | 3,3    | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137050807D2                           | 0-100   |                 | ±40           | 800   |                     | •                 | 2,5-3,3 | 4,8    | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137100407D2                           |         |                 | ±30           | 400   |                     | •                 |         | 3,8    | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137100807D2                           | 0-150   |                 | ±55           | 800   |                     | •                 | 2,9-4,1 | 5,4    | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137150407D2                           |         |                 | ±55           | 400   |                     | •                 |         | 8,5    | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137150807D2                           | 150-300 |                 | ±80           | 800   |                     | •                 |         | 10,8   | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137300407D2                           |         |                 | ±70           | 400   |                     | •                 |         | 11,2   | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137300807D2                           |         |                 | ±95           | 800   |                     | •                 |         | 14,6   | •      | •       | •       | •       | •     |                    |                  |                           |            |
| THICKNESS GAUGE with DISK ANVILS 30mm |         |                 |               |       |                     |                   |         |        |        |         |         |         |       |                    |                  |                           |            |
| 137025207D3                           | 0-25    | 0,0001          | ±18           | 200   | Disk<br>D=30mm      | •                 | 1.2-1.8 | 0,66   | •      | •       | •       | •       | •     | Folders / 2000 val | Long range / HID | USB HID / Update firmware | OPTION     |
| 137025407D3                           | 0-50    |                 | ±25           | 400   |                     | •                 | 1,8-2,3 | 1,5    | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137050307D3                           |         |                 | ±25           | 300   |                     | •                 |         | 1,5    | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137050457D3                           | 0-100   |                 | ±30           | 450   |                     | •                 | 2,5-3,3 | 3,3    | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137050807D3                           |         |                 | ±40           | 800   |                     | •                 |         | 4,8    | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137100407D3                           | 0-150   |                 | ±30           | 400   |                     | •                 | 2,9-4,1 | 3,8    | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137100807D3                           |         |                 | ±55           | 800   |                     | •                 |         | 5,4    | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137150407D3                           | 150-300 |                 | ±55           | 400   |                     | •                 |         | 8,5    | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137150807D3                           |         |                 | ±80           | 800   |                     | •                 |         | 10,8   | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137300407D3                           |         |                 | ±70           | 400   |                     | •                 |         | 11,2   | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137300807D3                           |         |                 | ±95           | 800   |                     | •                 |         | 14,6   | •      | •       | •       | •       | •     |                    |                  |                           |            |
| THICKNESS GAUGE with DISK ANVILS 50mm |         |                 |               |       |                     |                   |         |        |        |         |         |         |       |                    |                  |                           |            |
| 137025207D5                           | 0-25    | 0,0001          | ±18           | 200   | Disk<br>D=50mm      | •                 | 1.2-1.8 | 0,66   | •      | •       | •       | •       | •     | Folders / 2000 val | Long range / HID | USB HID / Update firmware | OPTION     |
| 137025407D5                           | 0-50    |                 | ±25           | 400   |                     | •                 | 1,8-2,3 | 1,5    | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137050307D5                           |         |                 | ±25           | 300   |                     | •                 |         | 1,5    | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137050457D5                           | 0-100   |                 | ±30           | 450   |                     | •                 | 2,5-3,3 | 3,3    | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137050807D5                           |         |                 | ±40           | 800   |                     | •                 |         | 4,8    | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137100407D5                           | 0-150   |                 | ±30           | 400   |                     | •                 | 2,9-4,1 | 3,8    | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137100807D5                           |         |                 | ±55           | 800   |                     | •                 |         | 5,4    | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137150407D5                           | 150-300 |                 | ±55           | 400   |                     | •                 |         | 8,5    | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137150807D5                           |         |                 | ±80           | 800   |                     | •                 |         | 10,8   | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137300407D5                           |         |                 | ±70           | 400   |                     | •                 |         | 11,2   | •      | •       | •       | •       | •     |                    |                  |                           |            |
| 137300807D5                           |         |                 | ±95           | 800   |                     | •                 |         | 14,6   | •      | •       | •       | •       | •     |                    |                  |                           |            |



VIDEO



CONNECTION possibilities



DataMet interface



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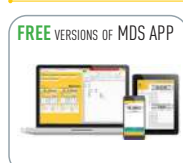
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## DELIVERY SET



## OPTIONAL





## DATA MET FUNCTIONS

|                                    |                                   |                                       |                                      |                                        |                                              |
|------------------------------------|-----------------------------------|---------------------------------------|--------------------------------------|----------------------------------------|----------------------------------------------|
| <p><b>ANALOG SCALE</b></p>         | <p><b>COLOR GO / NOGO</b></p>     | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>                  | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> |
| <p><b>GRAPHIC MODE 1D/2D</b></p>   | <p><b>MEMORY 2000 values</b></p>  | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p>      | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>                       |
| <p><b>DISPLAY &amp; ENERGY</b></p> | <p><b>RESOLUTION, mm/inch</b></p> | <p><b>WIRELESS to MDS app</b></p>     | <p><b>WIRELESS &amp; USB HID</b></p> | <p><b>HUB mode (2D, Probe)</b></p>     | <p><b>DEVICE INFO, UPDATE</b></p>            |



- Industry 4.0 adopted **DataMet** thickness gauge with range up to 300mm and depth up to 800mm
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- Optional contact point or gauge configuration for request
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **OPTIONAL MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))

| Item No    | Range   | Reso-<br>lution | Accuracy | Depth | Contact<br>points D | Lifting<br>device | Force   | Weight | Preset | Go/NoGo | Max/Min | Formula | Timer | Memory             | WIRELESS         | USB                       |
|------------|---------|-----------------|----------|-------|---------------------|-------------------|---------|--------|--------|---------|---------|---------|-------|--------------------|------------------|---------------------------|
|            | mm      | mm              | µm       | mm    | mm                  |                   | N       | kg     |        |         |         |         |       |                    |                  |                           |
| 137010127P | 0-10    | 0,0001          | ±12      | 120   | Point D 0.3         | ●                 | 0,7-1,3 | 0,34   | ●      | ●       | ●       | ●       | ●     | Folders / 2000 val | Long range / HID | USB HID / Update firmware |
| 137025207P | 0-25    |                 | ±18      | 200   |                     | ●                 | 1.2-1.8 | 0,66   | ●      | ●       | ●       | ●       | ●     |                    |                  |                           |
| 137025407P |         |                 | ±25      | 400   |                     | ●                 |         | 1,5    | ●      | ●       | ●       | ●       | ●     |                    |                  |                           |
| 137050307P | 0-50    |                 | ±25      | 300   |                     | ●                 | 1,8-2,3 | 1,5    | ●      | ●       | ●       | ●       | ●     |                    |                  |                           |
| 137050457P |         |                 | ±30      | 450   |                     | ●                 |         | 3,3    | ●      | ●       | ●       | ●       | ●     |                    |                  |                           |
| 137050807P |         |                 | ±40      | 800   |                     | ●                 |         | 4,8    | ●      | ●       | ●       | ●       | ●     |                    |                  |                           |
| 137100407P | 0-100   |                 | ±30      | 400   |                     | ●                 | 2,5-3,3 | 3,8    | ●      | ●       | ●       | ●       | ●     |                    |                  |                           |
| 137100807P |         |                 | ±55      | 800   |                     | ●                 |         | 5,4    | ●      | ●       | ●       | ●       | ●     |                    |                  |                           |
| 137150407P | 0-150   |                 | ±55      | 400   |                     | ●                 | 2.9-4.1 | 8,5    | ●      | ●       | ●       | ●       | ●     |                    |                  |                           |
| 137150807P |         |                 | ±80      | 800   |                     | ●                 |         | 10,8   | ●      | ●       | ●       | ●       | ●     |                    |                  |                           |
| 137300407P | 150-300 |                 | ±70      | 400   |                     | ●                 |         | 11,2   | ●      | ●       | ●       | ●       | ●     |                    |                  |                           |
| 137300807P |         |                 | ±95      | 800   |                     | ●                 |         | 14,6   | ●      | ●       | ●       | ●       | ●     |                    |                  |                           |



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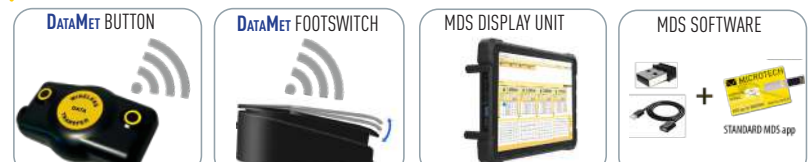
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## DELIVERY SET



## OPTIONAL





- Digital thickness gauge for soft materials
- Micron Digital indicator IP65 proof with PRESET function
- Optional contact point or gauge configuration for request
- **Calibration** certificate included (ISO17025 (Ilac MRA))



**CUSTOM RANGE AND ANVILS FOR REQUEST**

| Item No   | Standard                                          | Material                                                            | Range | Resol. | Depth | Accuracy       | Base  | Measuring surface |                 | Force     |           |
|-----------|---------------------------------------------------|---------------------------------------------------------------------|-------|--------|-------|----------------|-------|-------------------|-----------------|-----------|-----------|
|           |                                                   |                                                                     | mm    | mm     | mm    | mm             | mm    | mm                | cm <sup>2</sup> | N         | kPa       |
| 137331201 | ASTM D1777-1                                      | woven fabrics<br>knitted fabrics                                    | 0-10  | 0,001  | 50    | 0,02           | D38   | D28,7             | 6,466           | 2,68±0,13 | 4,14±0,21 |
| 137331202 | ASTM D1777-2                                      | coated fabrics, narrow<br>fabrics, webbing tapes,<br>ribbons braids |       |        |       | 0,015          | D38   | D9,5              | 0,7085          | 1,66±0,05 | 23,4±0,7  |
| 137331203 | ASTM D1777-3                                      | films, glass cloths, glass<br>tapes.                                |       |        |       | 0,002/0,012    | D19   | D6,3              | 0,3117          | 5,36±0,42 | 172±14    |
| 137331204 | ASTM 3767-03-B                                    | rubber 30-100mm                                                     |       |        |       | 0,007          | 40x30 | 40x30             | 12              | 8±2       | 6,7       |
| 137331205 | ASTM D3767-A1                                     | rubber                                                              |       |        |       | 0,01/ 1%       | R12,5 | R12,5 D10         |                 | 0,8±0,1   |           |
| 137331206 | DIN 53370-F                                       | plastic films                                                       |       |        |       | 2% / 0,12      | D10   | D10               | 0,785           | 3,93      | 50        |
| 137331207 | DIN 53370-P                                       | foil                                                                |       |        |       | 0,01-0,015     | D10   | R30 D5            |                 | 0,5       |           |
| 137331208 | DIN EN 1849-2                                     | waterproofing sheet<br>flexible sheets                              |       |        |       | 0,01           | D10   | D10               | 0,785           | 1,57      | 20±10     |
| 137331209 | ISO 3034                                          | corrugated fiberboard                                               |       |        |       | 0,02           | D35,7 | D35,7             | 10              | 20±0,5    | 20±0,5    |
| 137331210 | ISO 4593-R                                        | plastic, film and sheeting                                          |       |        |       | 0,001 / 0,002/ | D10   | R30/D5            |                 | 0,5       |           |
| 137331211 | ISO 4593-P                                        | plastic, film and sheeting                                          |       |        |       | 0,003/ 0,012   | D10   | D10               | 0,785           | 1         | 12,74     |
| 137331212 | ISO 23529-A                                       | rubber & elastomer                                                  |       |        |       | 1%<br>0,01     | D100  | D10               | 0,785           | 0,8±0,16  | 10±2      |
| 137331213 | ASTM D3767-03-A<br>ISO 23529-A<br>ASTM D3767-03-A | <35IRHD<br>rubber & elastomer<br>>35IRHD                            |       |        |       |                |       | D10               | 0,785           | 1,76±0,35 | 22±5      |

## DELIVERY SET



## OPTIONAL

**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE A  
KEYBOARD



- Industry 4.0 adopted **DataMet** thickness gauge for soft materials
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Quick reading system (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



ISO 5084-0

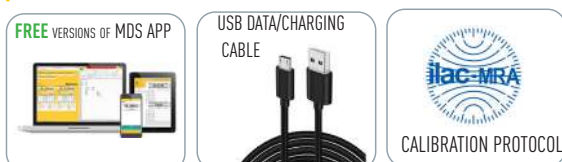
**TIMER FUNCTION**

**CUSTOM RANGE AND DEPTH FOR REQUEST**



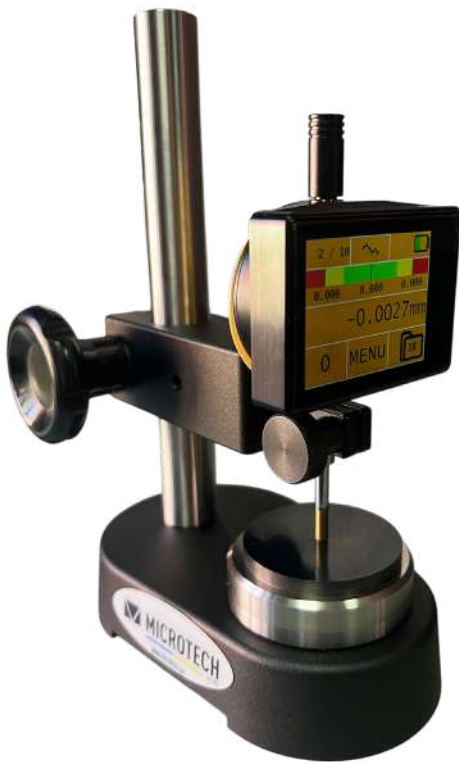
| Item No   | Standard        | Material                                                       | Range | Resol. | Depth | Accuracy  | Base      | Measuring surface |                 | Force       |        | Timer auto |
|-----------|-----------------|----------------------------------------------------------------|-------|--------|-------|-----------|-----------|-------------------|-----------------|-------------|--------|------------|
|           |                 |                                                                | mm    | mm     | mm    | mm        | mm        | mm                | cm <sup>2</sup> | N           | kPA    | sec.       |
| 137331231 | ASTM D5199-01-B | geomembranes                                                   | 0-10  | 0,0001 | 50    | 0,02      | D6,35     | D6,35             | 0,3167          | 0,633±0,006 | 20±0,2 | 5          |
| 137331232 | ASTM D5199-01-A | geotextiles, geonets, geocomposite drainage materials          |       |        |       | 0,02      | D76,4     | D56,4             | 25              | 5±0,05      | 2±0,02 | 5          |
| 137331233 | ISO 2286-3      | rubber, plastic coated fabrics                                 |       |        |       | 0,02      | D60       | D10               | 0,785           | 1,88±1,9    | 24±2,4 | 30         |
| 137331234 | ISO 2589        | leather                                                        |       |        |       | 0,015     | D16 / D50 | D10               | 0,785           | 3,85±0,1    | 49,1   | 5          |
| 137331235 | ISO 5084-0      | textiles                                                       |       |        |       | 0,01-0,02 | D100      | D50,5             | 20              | 2±0,02      | 1±0,01 | 30         |
| 137331236 | ISO 5084-A3     | textiles                                                       |       |        |       | 0,01-0,02 | D100      | D50,5             | 20              | 5±0,05      | 1±0,01 | 30         |
| 137331237 | ISO 9863-1-C    | polymeric and bituminous geosynthetic barriers                 |       |        |       | 0,02      | D56,4     | D56,4             | 25              | 50±0,5      | 20±02  | 5          |
| 137331238 | ISO 9863-1      | polymeric and bituminous geosynthetic of non-inifrom thickness |       |        |       | 0,015     | R 1       | R 1               | 25              | 0,6±0,1     |        | 5          |

## DELIVERY SET



## OPTIONAL





TIMER FUNCTION

CUSTOM RANGE AND DEPTH FOR REQUEST

ISO 534

0,1µm

## DATAmet FUNCTIONS

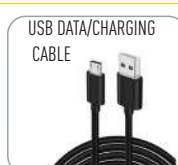
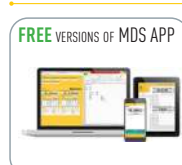
|                        |                                       |                             |                            |                                 |                               |
|------------------------|---------------------------------------|-----------------------------|----------------------------|---------------------------------|-------------------------------|
| <p>COLOR GO / NOGO</p> | <p>COLOR MAX / MIN / RANGE</p>        | <p>MEMORY 1000 values</p>   | <p>MEMORY STATISTICS</p>   | <p>TEMPERATURE COMPENSATION</p> | <p>DEVICE INFO, UPDATE</p>    |
| <p>TIMER</p>           | <p>FORMULA <math>Ax^2+Bx+C</math></p> | <p>DISPLAY &amp; ENERGY</p> | <p>RESOLUTION, mm/inch</p> | <p>WIRELESS to MDS app</p>      | <p>WIRELESS &amp; USB HID</p> |

- Industry 4.0 adopted **DataMet** thickness stands for soft materials on STEEL base
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Quick reading system (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No   | Standard                     | Material                                                             | Range | Resol. | Accuracy                | Base       | Measuring surface |                 | Force                  |             | Timer auto |
|-----------|------------------------------|----------------------------------------------------------------------|-------|--------|-------------------------|------------|-------------------|-----------------|------------------------|-------------|------------|
|           |                              |                                                                      | mm    | mm     | mm                      | mm         | mm                | cm <sup>2</sup> | N                      | kPa         | sec.       |
| 137331251 | ASTM D1777-1<br>ASTM D1777-5 | woven fabrics<br>knitted fabrics                                     | 0-25  | 0,0001 | 0,015                   | D58        | D28,7±0,02        | 6,47            | 2,68±0,13<br>0,45±0,05 | 4,14<br>0,7 |            |
| 137331252 | ASTM D1777-2                 | coated fabrics, narrow<br>fabrics, webbing tapes,<br>ribbons braids  | 0-25  |        | 0,012                   | D58        | D9,5±0,02         | 0,7085          | 1,66±0,05              | 23,4±0,7    |            |
| 137331253 | ASTM D1777-3                 | films, glass cloths, glass<br>tapes.                                 | 0-25  |        | 0,002-0,01              | D58        | D6,3              | 0,312           | 5,36±0,42              | 172±14      |            |
| 137331255 | ASTM D3767-03-A1             | rubber                                                               | 0-25  |        | 1% 0,01                 | R1 D58     | R12,5 D10         |                 | 0,8±0,1                | 1%          |            |
| 137331258 | ASTM D5199-01-B              | geomembranes                                                         | 0-25  |        | 0,012                   | D58        | D6,35             | 0,3167          | 0,633±0,006            | 20±0,2      | 5          |
| 137331260 | DIN EN 1849-2                | waterproofing sheet<br>flexible sheets                               | 0-25  |        | 1% / 0,01               | D58        | D10               | 0,785           | 1,57±0,785             | 20±10       |            |
| 137331261 | DIN 53370-P                  | foil                                                                 | 0-25  |        | 0,002-0,012             | D58        | R30 D5            |                 | 0,5                    |             |            |
| 137331262 | DIN 53370-F                  | plastic films                                                        | 0-25  |        | 0,0002-0,012            | D58        | D10               | 0,785           | 3,93                   | 50          |            |
| 137331265 | ISO 534                      | paper, cardboard                                                     | 0-25  |        | 0,5% /<br>0,0025/ 0,015 | D58        | D16               | 2               | 20±2                   | 100±10      |            |
| 137331267 | ISO 2589                     | leather                                                              | 0-25  |        | 0,01                    | D16 / D50  | D10±0,05          | 0,785           | 3,85±0,1               | 49,1        | 5          |
| 137331268 | ISO 3034                     | corrugated fiberboard                                                | 0-25  |        | 0,02                    | D35,7      | D35,7             | 10              | 20±0,5                 | 20±0,5      |            |
| 137331269 | ISO 4593-P                   | plastic, film and sheeting                                           | 0-25  |        | 0,001-0,003             | D58        | D10               | 0,785           | 1                      | 12,74       |            |
| 137331270 | ISO 4594-R                   | plastic, film and sheeting                                           | 0-25  |        | 0,001-0,15              | D58        | R30 /D5           |                 | 0,5±0,025              |             |            |
| 137331275 | ISO 9863-1-D                 | polymeric and bituminous<br>geosynthetic of non-inifrom<br>thickness | 0-25  |        | 0,003-0,01              | R 1<br>D58 | R 1               |                 | 0,6±0,1                |             | 5          |



## DELIVERY SET



## OPTIONAL







ASTM D3767-03-A  
ISO 23529-A

0,1µm

**TIMER FUNCTION**

**CUSTOM RANGE AND DEPTH FOR REQUEST**



ISO 9073-2

## DATAmet FUNCTIONS

|                        |                                       |                             |                            |                                 |                               |
|------------------------|---------------------------------------|-----------------------------|----------------------------|---------------------------------|-------------------------------|
| <p>COLOR GO / NOGO</p> | <p>COLOR MAX / MIN / RANGE</p>        | <p>MEMORY 1000 values</p>   | <p>MEMORY STATISTICS</p>   | <p>TEMPERATURE COMPENSATION</p> | <p>DEVICE INFO, UPDATE</p>    |
| <p>TIMER</p>           | <p>FORMULA <math>Ax^2+Bx+C</math></p> | <p>DISPLAY &amp; ENERGY</p> | <p>RESOLUTION, mm/inch</p> | <p>WIRELESS to MDS app</p>      | <p>WIRELESS &amp; USB HID</p> |

- Industry 4.0 adopted **DataMet** thickness stands for soft materials on GRANITE base
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **Quick reading system** (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **Calibration** certificate included (ISO17025 (Ilac MRA))

| Item No   | Standard                       | Material                                                    | Range | Resol. | Accuracy   | Base    | Measuring surface |                 | Force                                   |                           | Timer auto |
|-----------|--------------------------------|-------------------------------------------------------------|-------|--------|------------|---------|-------------------|-----------------|-----------------------------------------|---------------------------|------------|
|           |                                |                                                             | mm    | mm     | mm         | mm      | mm                | cm <sup>2</sup> | N                                       | kPa                       | sec.       |
| 137331254 | ASTM D1777-4                   | glass fiber mat                                             | 0-25  | 0,0001 | 0,02       | 150x100 | D57,15±0,02       | 25,65           | 48,48±1,8                               | 18,9±0,7                  |            |
| 137331256 | ASTM D3767-03-A<br>ISO 23529-A | rubber & elastomer<br><35IRHD                               | 0-25  |        | 0,01 /1%   | 300x200 | D10               | 0,785           | 0,8±0,16                                | 10±2                      |            |
| 137331257 | ASTM D5199-01-A                | geotextiles, geonets,<br>geocomposite drainage<br>materials | 0-25  |        | 0,012      | 150x100 | D56,4             | 25              | 5±0,05                                  | 2±0,02                    | 5          |
| 137331263 | DIN 53855-1                    | compression of textile                                      | 0-50  |        | 0,01-0,02  | 300x200 | D35,69<br>D56,34  | 10<br>25        | 0,49 / 2,45<br>1,23/ 6,13               | 0,51 / 2,55               | 60         |
| 137331264 | EN 964-1                       | geotextiles                                                 | 0-25  |        | 0,01-0,015 | 150x100 | D56,42            | 25              | 5±0,04<br>50±0,4<br>500±4               | 2±0,02<br>20±0,2<br>200±2 | 30         |
| 137331266 | ISO 2286-3                     | rubber, plastic coated<br>fabrics                           | 0-25  |        | 0,01       | 150x100 | D10               | 0,785           | 0,393±0,039<br>0,785±0,079<br>1,88±0,19 | 5±0,5<br>10±1<br>24±2,4   | 30         |
| 137331271 | ISO 5084-0                     | textiles                                                    | 0-25  |        | 0,01-0,02  | 150x100 | D50,5             | 20              | 2±0,02                                  | 1±0,01                    | 30         |
| 137331272 | ISO 5084-A2                    | textiles                                                    | 0-25  |        | 0,01-0,025 | 300x200 | D112,84           | 100             | 10±0,1                                  | 1±0,01                    | 30         |
| 137331273 | ISO 9073-2                     | textiles, normal nonwovens                                  | 0-25  |        | 0,025      | 300x200 | D56,42            | 25              | 0,25<br>1,25                            | 0,1<br>0,5                | 10         |
| 137331274 | ISO 9073-2                     | textiles for bulky nonwovens<br>> 20mm                      | 0-150 |        | 0,05       | 400x250 | 200x200           | 400             | 0,8±0,02                                | 0,02                      | 10         |
| 137331276 | ISO 9863-1-ABC                 | polymeric and bituminous<br>geosynthetic barriers           | 0-25  |        | 0,01-0,015 | 150x100 | D56,4             | 25              | 5±0,05<br>50±0,5<br>500±5               | 2±0,02<br>20±0,2<br>200±2 | 5          |



DOWNLOAD  
MDS app WINDOWS



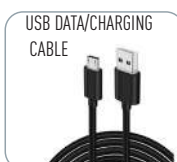
DOWNLOAD  
MDS app iOS, MacOS



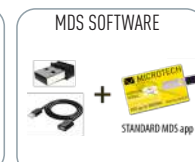
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MDS app ANDROID



## DELIVERY SET



## OPTIONAL



**DataMet** MULTIFUNCTIONAL  
ROUND 1.8" TOUCHSCREEN DISPLAY



Form A CONE R 0,5 R 0.75

## ADJUSTABLE SCALES



ANALOG



COMPARATOR

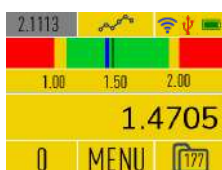


DIGITAL

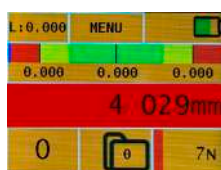


DIGITAL BLACK

## DataMet FUNCTIONS



ANALOG SCALE



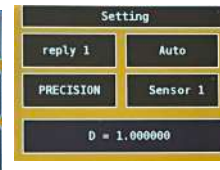
COLOR GO / NOGO



COLOR MAX / MIN / RANGE



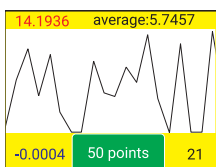
TIMER



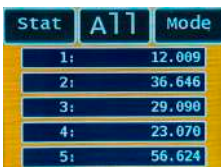
TOUCH PROBE SETTINGS



FORMULA  $Ax^2+Bx+C$



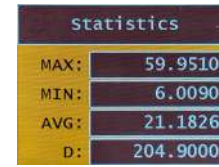
GRAPHIC MODE 1D/2D



MEMORY 2000 values



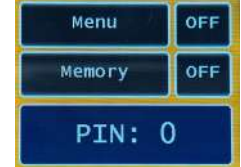
FOLDERS mode



MEMORY STATISTICS



TEMPERATURE COMPENSATION



PASSWORD



DISPLAY & ENERGY



RESOLUTION, mm/inch



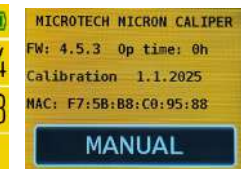
WIRELESS to MDS app



WIRELESS & USB HID



HUB mode (2D, Probe)



DEVICE INFO, UPDATE



- Industry 4.0 adopted **DataMet** External caliper gauge with computerized MICS system with hi-res Round 1,8" color Touchscreen
- Contacts: CONE (R0.5/R0.75)
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- Memory manager: 50000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **MODBUS ASCII, MODBUS TCP/IP** for request
- Calibration certificate included (ISO17025 (Ilac MRA))

## EXTERNAL DataMet CALIPER GAUGE

| Item No   | Range | Span | Depth | Groove depth | Measur contact | Contact points | Resolution | Repeatability | Accuracy | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory | WIRELESS | USB |
|-----------|-------|------|-------|--------------|----------------|----------------|------------|---------------|----------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------|----------|-----|
|           | mm    | mm   | mm    | mm           | mm             | mm             | mm         | mm            | µm       |        |         |         |         |       |           |             |             |           |          |        |          |     |
| 134201007 | 0-10  | 10   | 40    | 3            | 8              | Cone R 0,5     | 0,0005     | 0,003         | ±10      | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |
| 134202007 | 0-20  | 20   | 80    | 6,5          | 25             | Cone R 0,75    | 0,001      | 0,005         | ±15      | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |
| 134204007 | 20-40 | 20   | 80    | 6,5          | 25             |                |            | 0,005         | ±15      | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |
| 134206007 | 40-60 | 20   | 80    | 6,5          | 25             |                |            | 0,005         | ±15      | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |

## MODBUS EXTERNAL DataMet CALIPER GAUGE

| Item No    | Range | Span | Depth | Groove depth | Measur contact | Contact points | Resolution | Repeatability | Accuracy | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory | WIRELESS | USB | MODBUS RTU | MODBUS ASCII | MODBUS TCP/IP |
|------------|-------|------|-------|--------------|----------------|----------------|------------|---------------|----------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------|----------|-----|------------|--------------|---------------|
|            | mm    | mm   | mm    | mm           | mm             | mm             | mm         | mm            | µm       |        |         |         |         |       |           |             |             |           |          |        |          |     |            |              |               |
| 134201007M | 0-10  | 10   | 40    | 3            | 8              | Cone R 0,5     | 0,0005     | 0,003         | ±10      | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   | •          | •            | •             |
| 134202007M | 0-20  | 20   | 80    | 6,5          | 25             | Cone R 0,75    | 0,001      | 0,005         | ±15      | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   | •          | •            | •             |
| 134204007M | 20-40 | 20   | 80    | 6,5          | 25             |                |            | 0,005         | ±15      | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   | •          | •            | •             |
| 134206007M | 40-60 | 20   | 80    | 6,5          | 25             |                |            | 0,005         | ±15      | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   | •          | •            | •             |

## DELIVERY SET



DOWNLOAD  
MDS app WINDOWS

Windows



DOWNLOAD  
MDS app iOS, MacOS

iOS  
macOS



DOWNLOAD  
MDS app ANDROID

android

## OPTIONAL

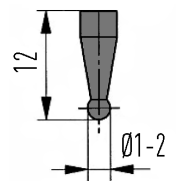




**DATAmet** MULTIFUNCTIONAL  
ROUND 1.8" TOUCHSCREEN DISPLAY



SWISS  
READING  
SYSTEM



Form D BALL Ø 2

**ADJUSTABLE SCALES**



ANALOG



COMPARATOR

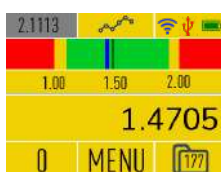


DIGITAL



DIGITAL BLACK

**DATAmet FUNCTIONS**



ANALOG SCALE



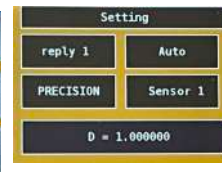
COLOR GO / NOGO



COLOR MAX / MIN / RANGE



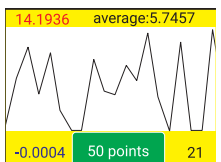
TIMER



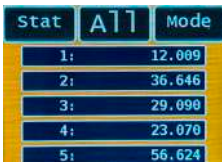
TOUCH PROBE SETTINGS



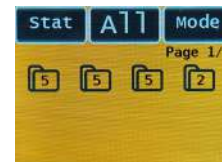
FORMULA  $Ax^2+Bx+C$



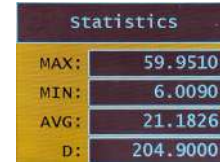
GRAPHIC MODE 1D/2D



MEMORY 2000 values



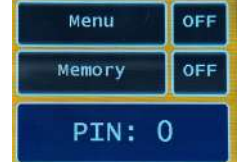
FOLDERS mode



MEMORY STATISTICS



TEMPERATURE COMPENSATION



PASSWORD



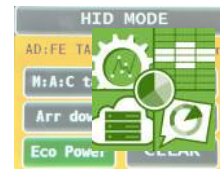
DISPLAY & ENERGY



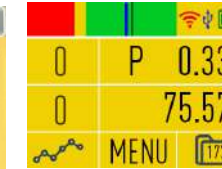
RESOLUTION, mm/inch



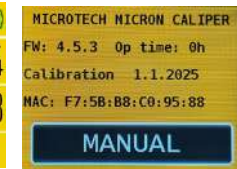
WIRELESS to MDS app



WIRELESS & USB HID



HUB mode (2D, Probe)



DEVICE INFO, UPDATE

- Industry 4.0 adopted **DataMet** External caliper gauge with computerized MICS system with hi-res Round 1,8" color Touchscreen
- Contacts: BALL (Ø2)
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- Memory manager: 50000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- MODBUS ASCII, MODBUS TCP/IP for request
- Calibration certificate included (ISO17025 (Ilac MRA))

## EXTERNAL DataMet CALIPER GAUGE

| Item No   | Range | Span | Depth | Groove depth | Measur contact | Contact points | Resolution | Repeatability | Accuracy | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory               | WIRELESS  | USB |
|-----------|-------|------|-------|--------------|----------------|----------------|------------|---------------|----------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|----------------------|-----------|-----|
|           | mm    | mm   | mm    | mm           | mm             | mm             | mm         | mm            | µm       |        |         |         |         |       |           |             |             |           |          |                      |           |     |
| 134202047 | 0-20  | 20   | 85    |              | 25             | Ball Ø 2       | 0,001      | 0,005         | ±15      | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | Folders / Long range | USB HID / | USB |
| 134205547 | 0-50  | 50   | 167   |              | 30             |                |            | 0,005         | ±30      | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                      |           |     |
| 134209947 | 0-100 | 100  | 382   |              | 35             |                |            | 0,005         | ±50      | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                      |           |     |

## MODBUS EXTERNAL DataMet CALIPER GAUGE

| Item No    | Range | Span | Depth | Groove depth | Measur contact | Contact points | Resolution | Repeatability | Accuracy | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory               | WIRELESS  | USB | MODBUS RTU | MODBUS ASCII | MODBUS TCP/IP |
|------------|-------|------|-------|--------------|----------------|----------------|------------|---------------|----------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|----------------------|-----------|-----|------------|--------------|---------------|
|            | mm    | mm   | mm    | mm           | mm             | mm             | mm         | mm            | µm       |        |         |         |         |       |           |             |             |           |          |                      |           |     |            |              |               |
| 134202047M | 0-20  | 20   | 85    |              | 25             | Ball Ø 2       | 0,001      | 0,005         | ±15      | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | Folders / Long range | USB HID / | •   | option     | option       |               |
| 13420557M  | 0-50  | 50   | 167   |              | 30             |                |            | 0,005         | ±30      | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                      |           |     |            |              |               |
| 134209947M | 0-100 | 100  | 382   |              | 35             |                |            | 0,005         | ±50      | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                      |           |     |            |              |               |

## DELIVERY SET



## OPTIONAL





**DataMet** MULTIFUNCTIONAL  
ROUND 1.8" TOUCHSCREEN DISPLAY



R 0.3  
R 0.5

Form A CONE R 0,3, R 0.5



## ADJUSTABLE SCALES



ANALOG



COMPARATOR

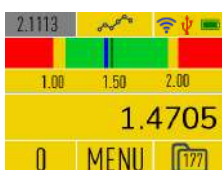


DIGITAL

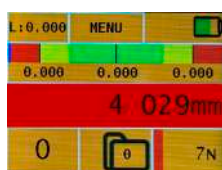


DIGITAL BLACK

## DataMet FUNCTIONS



ANALOG SCALE



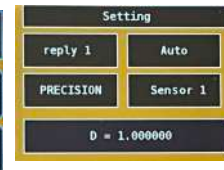
COLOR GO / NOGO



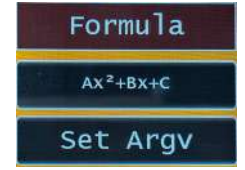
COLOR MAX / MIN / RANGE



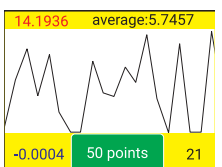
TIMER



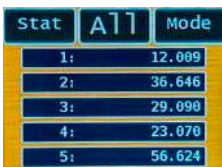
TOUCH PROBE SETTINGS



FORMULA  $Ax^2+Bx+C$



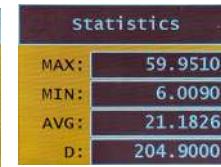
GRAPHIC MODE 1D/2D



MEMORY 2000 values



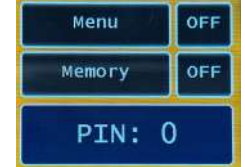
FOLDERS mode



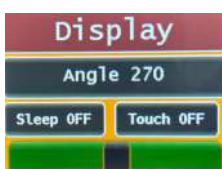
MEMORY STATISTICS



TEMPERATURE COMPENSATION



PASSWORD



DISPLAY & ENERGY



RESOLUTION, mm/inch



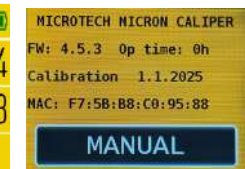
WIRELESS to MDS app



WIRELESS & USB HID



HUB mode (2D, Probe)



DEVICE INFO, UPDATE

- Industry 4.0 adopted **DataMet** Internal caliper gauge with computerized MICS system with hi-res Round 1,8" color Touchscreen
- **Contacts:** CONE (R0.3/R0.5)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 50000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **MODBUS ASCII, MODBUS TCP/IP** for request
- Calibration certificate included (ISO17025 (Ilac MRA))

## INTERNAL DataMet CALIPER GAUGE

| Item No   | Range | Span | Depth | Groove depth | Measur contact | Contact points | Reso-<br>lution | Repea-<br>tability | Accu-<br>racy | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory                  | WIRELESS             | USB |
|-----------|-------|------|-------|--------------|----------------|----------------|-----------------|--------------------|---------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|-------------------------|----------------------|-----|
|           | mm    | mm   | mm    | mm           | mm             | mm             | mm              | mm                 | µm            |        |         |         |         |       |           |             |             |           |          |                         |                      |     |
| 134102507 | 5-25  | 20   | 35    | 1            | 1,5            | Cone R 0,3     | 0,001           | 0,005              | ±15           | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | Folders /<br>Long range | USB HID /<br>USB HID |     |
| 134104007 | 20-40 | 20   | 80    | 3            | 6,5            | Cone R 0,5     |                 | 0,005              | ±15           | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                         |                      | •   |
| 134106007 | 40-60 | 20   | 80    | 3            | 8,5            |                |                 | 0,005              | ±15           | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                         |                      | •   |

## MODBUS INTERNAL DataMet CALIPER GAUGE

| Item No    | Range | Span | Depth | Groove depth | Measur contact | Contact points | Reso-<br>lution | Repea-<br>tability | Accu-<br>racy | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory                  | WIRELESS  | USB | MODBUS RTU | MODBUS ASCII | MODBUS TCP/IP |
|------------|-------|------|-------|--------------|----------------|----------------|-----------------|--------------------|---------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|-------------------------|-----------|-----|------------|--------------|---------------|
|            | mm    | mm   | mm    | mm           | mm             | mm             | mm              | mm                 | µm            |        |         |         |         |       |           |             |             |           |          |                         |           |     |            |              |               |
| 134102507M | 5-25  | 20   | 35    | 1            | 1,5            | Cone R 0,3     | 0,001           | 0,005              | ±15           | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | Folders /<br>Long range | USB HID / | •   | •          | option       |               |
| 134104007M | 20-40 | 20   | 80    | 3            | 6,5            | Cone R 0,5     |                 | 0,005              | ±15           | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                         |           | •   | •          | •            | option        |
| 134106007M | 40-60 | 20   | 80    | 3            | 8,5            |                |                 | 0,005              | ±15           | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                         |           | •   | •          | •            | •             |

## DELIVERY SET









## OPTIONAL





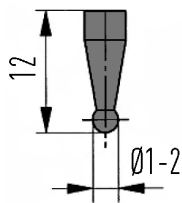
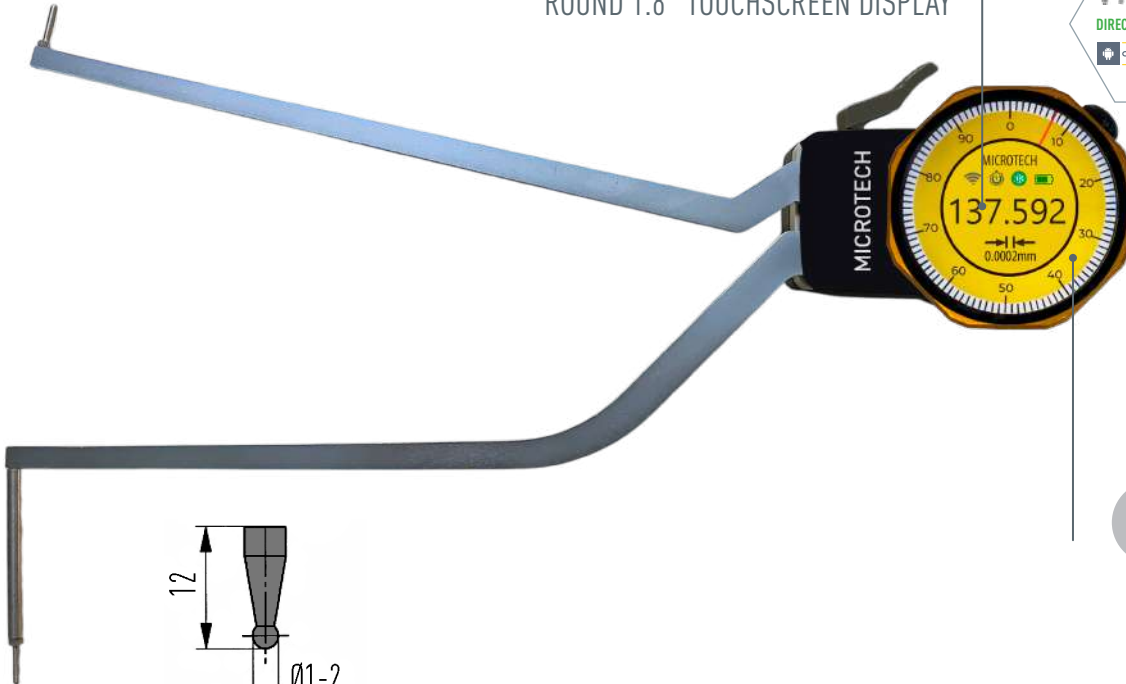








**DataMet** MULTIFUNCTIONAL  
ROUND 1.8" TOUCHSCREEN DISPLAY



Form D BALL Ø 1 , Ø 2

## ADJUSTABLE SCALES



**ANALOG**



**COMPARATOR**

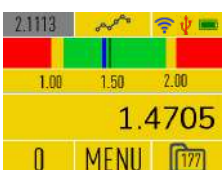


**DIGITAL**

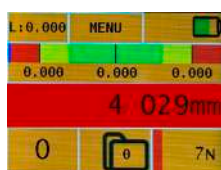


**DIGITAL BLACK**

## DataMet FUNCTIONS



**ANALOG SCALE**



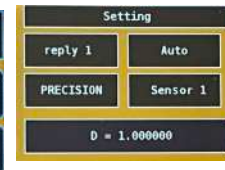
**COLOR GO / NOGO**



**COLOR MAX / MIN / RANGE**



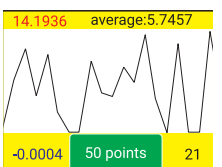
**TIMER**



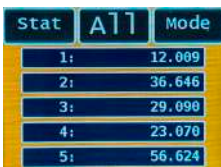
**TOUCH PROBE SETTINGS**



**FORMULA  $Ax^2+Bx+C$**



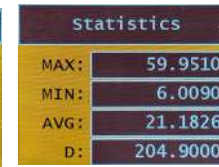
**GRAPHIC MODE 1D/2D**



**MEMORY 2000 values**



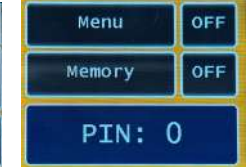
**FOLDERS mode**



**MEMORY STATISTICS**



**TEMPERATURE COMPENSATION**



**PASSWORD**



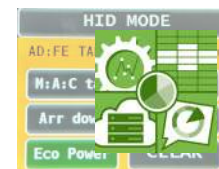
**DISPLAY & ENERGY**



**RESOLUTION, mm/inch**



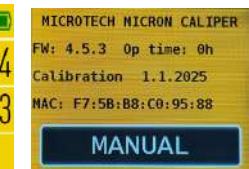
**WIRELESS to MDS app**



**WIRELESS & USB HID**



**HUB mode (2D, Probe)**



**DEVICE INFO, UPDATE**

- Industry 4.0 adopted **DataMet** Internal caliper gauge with computerized MICS system with hi-res Round 1,8" color Touchscreen
- **Contacts:** BALL (Ø2)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 50000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **MODBUS ASCII, MODBUS TCP/IP** for request
- Calibration certificate included (ISO17025 (Ilac MRA))

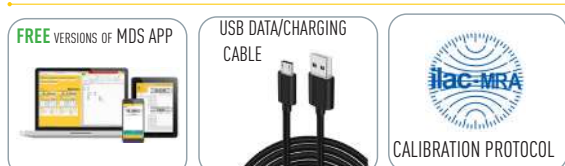
## INTERNAL DataMet CALIPER GAUGE

| Item No   | Range   | Span | Depth | Groove depth | Measur contact | Contact points | Resolution | Repeatability | Accuracy | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory                                                     | WIRELESS | USB |
|-----------|---------|------|-------|--------------|----------------|----------------|------------|---------------|----------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|------------------------------------------------------------|----------|-----|
|           | mm      | mm   | mm    | mm           | mm             | mm             | mm         | mm            | µm       |        |         |         |         |       |           |             |             |           |          |                                                            |          |     |
| 134101547 | 5-15    | 10   | 35    | 0,8          | 2,3            | Ball Ø 2       | 0,001      | 0,005         | ±10      | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | Folders / 2000 val<br>Long range / HID<br>USB HID / Update |          |     |
| 134103047 | 10-30   | 20   | 85    | 1,2          | 5,2            |                |            | 0,005         | ±20      | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                                                            |          |     |
| 134105047 | 30-50   | 20   | 85    | 2            | 7,2            |                |            | 0,005         | ±25      | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                                                            |          |     |
| 134110047 | 50-100  | 50   | 235   | 2            | 11,7           |                |            | 0,02          | ±40      | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                                                            |          |     |
| 134115047 | 100-150 | 50   | 235   | 2            | 11,7           |                |            | 0,02          | ±50      | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                                                            |          |     |
| 134120047 | 150-200 | 50   | 235   | 2            | 11,7           |                |            | 0,02          | ±50      | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                                                            |          |     |

## MODBUS INTERNAL DataMet CALIPER GAUGE

| Item No    | Range   | Span | Depth | Groove depth | Measur contact | Contact points | Resolution | Repeatability | Accuracy | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory                                                     | WIRELESS | USB | MODBUS RTU | MODBUS ASCII | MODBUS TCP/IP |
|------------|---------|------|-------|--------------|----------------|----------------|------------|---------------|----------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|------------------------------------------------------------|----------|-----|------------|--------------|---------------|
|            | mm      | mm   | mm    | mm           | mm             | mm             | mm         | mm            | µm       |        |         |         |         |       |           |             |             |           |          |                                                            |          |     |            |              |               |
| 134101547M | 5-15    | 10   | 35    | 0,8          | 2,3            | Ball Ø 2       | 0,001      | 0,005         | ±10      | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | Folders / 2000 val<br>Long range / HID<br>USB HID / Update |          |     | •          | option       | option        |
| 134103047M | 10-30   | 20   | 85    | 1,2          | 5,2            |                |            | 0,005         | ±20      | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                                                            |          |     |            |              |               |
| 134105047M | 30-50   | 20   | 85    | 2            | 7,2            |                |            | 0,005         | ±25      | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                                                            |          |     |            |              |               |
| 134110047M | 50-100  | 50   | 235   | 2            | 11,7           |                |            | 0,02          | ±40      | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                                                            |          |     |            |              |               |
| 134115047M | 100-150 | 50   | 235   | 2            | 11,7           |                |            | 0,02          | ±50      | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                                                            |          |     |            |              |               |
| 134120047M | 150-200 | 50   | 235   | 2            | 11,7           |                |            | 0,02          | ±50      | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                                                            |          |     |            |              |               |

## DELIVERY SET



## OPTIONAL



- Industry 4.0 adopted DataMet 2-point and 3-point internal micrometer with computerized MICS system (1,54" color Touchscreen)
- Min Resolution 0.0001mm (0,0001/0,001/0,01/0,1mm selection)
- Setting ring included up to 250mm range
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- Memory manager: 1000 values, Statistics mode, Memory data transfer
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

TABLET MULTIFUNCTIONAL **MICS**  
1.54" TOUCHSCREEN DISPLAY



0,1µm



2-POINT IN RANGE 2-6mm

UP TO 1000 MM RANGE

## DATA MET FUNCTIONS

|                               |                                              |                                    |                                   |                                        |                                      |
|-------------------------------|----------------------------------------------|------------------------------------|-----------------------------------|----------------------------------------|--------------------------------------|
| <p><b>COLOR GO / NOGO</b></p> | <p><b>COLOR MAX / MIN / RANGE</b></p>        | <p><b>MEMORY 1000 values</b></p>   | <p><b>MEMORY STATISTICS</b></p>   | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>DEVICE INFO, UPDATE</b></p>    |
| <p><b>TIMER</b></p>           | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> | <p><b>DISPLAY &amp; ENERGY</b></p> | <p><b>RESOLUTION, mm/inch</b></p> | <p><b>WIRELESS to MDS app</b></p>      | <p><b>WIRELESS &amp; USB HID</b></p> |



| Item No   | Range |            | Reso-<br>lution | Accur. | Max<br>depth | Setting<br>ring | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB |
|-----------|-------|------------|-----------------|--------|--------------|-----------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|
|           | mm    | inch       | mm              | µm     | mm           |                 |        |         |         |         |       |           |             |             |          |        |          |     |
| 133700210 | 2-2,5 | 0.08-0.09" | 0,0001          | ±3     | 12.5         | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 133700310 | 2,5-3 | 0.09-0.12" |                 | ±3     | 12.5         | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 133700410 | 3-4   | 0.12-0.16" |                 | ±3     | 22.5         | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 133700510 | 4-5   | 0.16-0.20" |                 | ±3     | 22.5         | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 133700610 | 5-6   | 0.20-0.24" |                 | ±4     | 22.5         | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |

## DataMet 3 POINT INTERNAL MICROMETER

| Item No   | Range    |            | Reso-<br>lution | Accur. | Max<br>depth | Setting<br>ring | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB |
|-----------|----------|------------|-----------------|--------|--------------|-----------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|
|           | mm       | inch       | mm              | µm     | mm           |                 |        |         |         |         |       |           |             |             |          |        |          |     |
| 133700810 | 6-8      | 0.24-0.32" | 0,0001          | ±4     | 154          | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 133701010 | 8-10     | 0.32-0.4"  |                 | ±4     | 154          | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 133701210 | 10-12    | 0.4-0.5"   |                 | ±4     | 154          | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 133701610 | 12-16    | 0.5-0.63"  |                 | ±4     | 230          | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 133702010 | 16-20    | 0.63-0.8"  |                 | ±4     | 230          | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 133702510 | 20-25    | 0.8-1"     |                 | ±4     | 240          | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 133703010 | 25-30    | 1-1.2"     |                 | ±4     | 240          | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 133704010 | 30-40    | 1.2-1.6"   |                 | ±4     | 240          | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 133705010 | 40-50    | 1.6-2"     |                 | ±4     | 240          | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 133707010 | 50-70    | 2-3"       |                 | ±4     | 250          | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 133710010 | 70-100   | 3-4"       |                 | ±4     | 250          | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 133715010 | 100-150  | 4-6"       |                 | ±4     | 250          | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 133725010 | 150-250  | 6-10"      |                 | ±5     | 250          | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 133730010 | 200-300  | 8-12"      |                 | ±6     | 250          | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 133750010 | 200-500  | 8-20"      |                 | ±8     | 650          | option          | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 133790011 | 200-1000 | 8-40"      |                 | ±10    | 1150         | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |

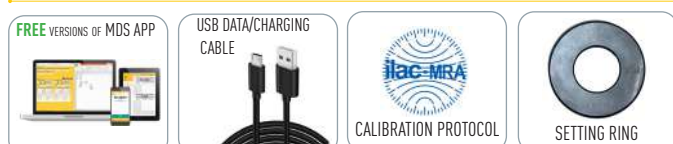


## DataMet INTERNAL MICROMETER SET

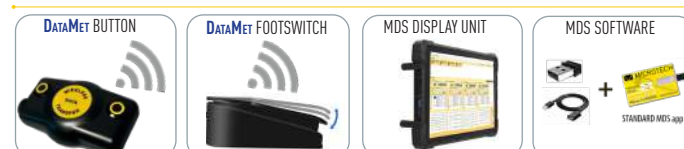
| Item No   | Range   | Type    | Measuring<br>heads | Setting<br>rings | Max depth |
|-----------|---------|---------|--------------------|------------------|-----------|
|           | mm      |         |                    |                  | mm        |
| 133700203 | 2-3     | 2-point | 2 pcs              | 1pcs             | 12,5      |
| 133370306 | 3-6     |         | 3 pcs              | 3pcs             | 22,5      |
| 133370612 | 6-12    |         | 3 pcs              | 3pcs             | 50+100    |
| 133371220 | 12-20   | 3-point | 2pcs               | 1pcs             | 80+150    |
| 133372050 | 20-50   |         | 4pcs               | 2pcs             | 90+150    |
| 133375090 | 50-100  |         | 2pcs               | 1pcs             | 107+150   |
| 133579125 | 100-250 |         | 2pcs               | 1pcs             | 107+150   |



## DELIVERY SET



## OPTIONAL





- **Industry 4.0** adopted DataMet 2-point and 3-point internal micrometer with computerized MICS system (1,54" color Touchscreen)
- **Min Resolution 0.0001mm** (0,0001/0,001/0,01/0,1mm selection)
- Extended depth up to 3m (120 inch)
- Setting ring included up to 250mm range
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **Calibration** certificate included (ISO17025 (Ilac MRA))

0,1µm

UP TO 3M DEPTH



BIG DEPTH INTERNAL MICROMETERS SET's

## DATAmet FUNCTIONS

|                               |                                              |                                    |                                   |                                        |                                      |
|-------------------------------|----------------------------------------------|------------------------------------|-----------------------------------|----------------------------------------|--------------------------------------|
| <p><b>COLOR GO / NOGO</b></p> | <p><b>COLOR MAX / MIN / RANGE</b></p>        | <p><b>MEMORY 1000 values</b></p>   | <p><b>MEMORY STATISTICS</b></p>   | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>DEVICE INFO, UPDATE</b></p>    |
| <p><b>TIMER</b></p>           | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> | <p><b>DISPLAY &amp; ENERGY</b></p> | <p><b>RESOLUTION, mm/inch</b></p> | <p><b>WIRELESS to MDS app</b></p>      | <p><b>WIRELESS &amp; USB HID</b></p> |

| Item No   | Range    |          | Reso-<br>lution | Accur. | Max<br>depth | Setting<br>ring | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory             | WIRELESS | USB |
|-----------|----------|----------|-----------------|--------|--------------|-----------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------------------|----------|-----|
|           | mm       | inch     | mm              | µm     | mm           |                 |        |         |         |         |       |           |             |             |          |                    |          |     |
| 133702511 | 20-25    | 0.8-1"   | 0,0001          | ±4     | 1000         | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val |          |     |
| 133702512 |          |          |                 | ±6     | 2000         | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |          |     |
| 133703011 | 25-30    | 1-1.2"   |                 | ±4     | 1000         | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |          |     |
| 133703012 |          |          |                 | ±6     | 2000         | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |          |     |
| 133704011 | 30-40    | 1.2-1.6" |                 | ±4     | 1000         | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |          |     |
| 133704012 |          |          |                 | ±6     | 2000         | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |          |     |
| 133705011 | 40-50    | 1.6-2"   |                 | ±4     | 1000         | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |          |     |
| 133705012 |          |          |                 | ±6     | 2000         | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |          |     |
| 133707011 | 50-70    | 2-3"     |                 | ±4     | 1000         | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |          |     |
| 133707012 |          |          |                 | ±6     | 2000         | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |          |     |
| 133707013 |          |          |                 | ±8     | 3000         | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |          |     |
| 133710011 | 70-100   | 3-4"     |                 | ±4     | 1000         | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |          |     |
| 133710012 |          |          |                 | ±6     | 2000         | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |          |     |
| 133710013 |          |          |                 | ±8     | 3000         | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |          |     |
| 133715011 | 100-150  | 4-6"     |                 | ±4     | 1000         | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |          |     |
| 133715012 |          |          |                 | ±6     | 2000         | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |          |     |
| 133715013 |          |          |                 | ±8     | 3000         | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |          |     |
| 133725011 | 150-250  | 6-10"    |                 | ±5     | 1000         | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |          |     |
| 133725012 |          |          |                 | ±7     | 2000         | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |          |     |
| 133725013 |          |          |                 | ±9     | 3000         | •               | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |          |     |
| 133730011 | 200-300  | 8-12"    |                 | ±6     | 1000         | option          | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |          |     |
| 133730012 |          |          |                 | ±8     | 2000         |                 | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |          |     |
| 133730013 |          |          |                 | ±9     | 3000         |                 | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |          |     |
| 133790012 | 200-1000 | 8-40"    |                 | ±11    | 2000         |                 | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |          |     |
| 133790013 |          |          |                 | ±14    | 3000         |                 | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |          |     |

## BIG DEPTH DataMet 3 POINT INTERNAL MICROMETER SET

| Item No   | Range   | Measuring<br>heads | Setting<br>rings | Max<br>depth |
|-----------|---------|--------------------|------------------|--------------|
|           | mm      |                    |                  | mm           |
| 133372051 | 20-50   | 4pcs               | 2pcs             | 1000         |
| 133372052 |         |                    |                  | 2000         |
| 133375091 |         |                    |                  | 1000         |
| 133375092 | 50-100  | 2pcs               | 1pcs             | 2000         |
| 133375093 |         |                    |                  | 3000         |
| 133579126 | 100-250 | 2pcs               | 1pcs             | 1000         |
| 133579127 |         |                    |                  | 2000         |
| 133579128 |         |                    |                  | 3000         |



## DELIVERY SET

FREE VERSIONS OF MDS APP

USB DATA/CHARGING CABLE

CALIBRATION PROTOCOL

SETTING RING

## OPTIONAL

DataMet BUTTON

DataMet FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID



1  $\mu$ m

**PRESET**  
FUNCTION

- **CertiMet** Micron digital Pistol grip bore gauge
- PRESET, mm/inch, HOLD function
- USB data transfer
- CR2032 3V battery
- **Calibration** certificate included (ISO17025 (Ilac MRA))

**CERTiMet** DIGITAL PISTOL GRIP BORE GAUGE

| Item No   | Range   |            | Resol. | Accur. | Setting rings | Max depth | Preset | mm/inch | HOLD | USB     |
|-----------|---------|------------|--------|--------|---------------|-----------|--------|---------|------|---------|
|           | mm      | inch       | mm     | µm     |               | mm        |        |         |      |         |
| 133500800 | 6-8     | 0.25-0.32" | 0,001  | ±4     | •             | 50+100    | •      | •       | •    | USB HID |
| 133501000 | 8-10    | 0.32-0.4"  |        | ±4     | •             | 50+100    | •      | •       | •    |         |
| 133501200 | 10-12   | 0.4-0.5"   |        | ±4     | •             | 50+100    | •      | •       | •    |         |
| 133501600 | 12-16   | 0.5-0.63"  |        | ±4     | •             | 65+150    | •      | •       | •    |         |
| 133502000 | 16-20   | 0.63-0.8"  |        | ±4     | •             | 65+150    | •      | •       | •    |         |
| 133502500 | 20-25   | 0.8"-1"    |        | ±4     | •             | 91+150    | •      | •       | •    |         |
| 135303000 | 25-30   | 1-1.2"     |        | ±4     | •             | 91+150    | •      | •       | •    |         |
| 133504000 | 30-40   | 1.2-1.6"   |        | ±4     | •             | 97+150    | •      | •       | •    |         |
| 133505000 | 40-50   | 1.6-2"     |        | ±5     | •             | 97+150    | •      | •       | •    |         |
| 133506300 | 50-63   | 2-2.5"     |        | ±5     | •             | 112+150   | •      | •       | •    |         |
| 133507500 | 62-75   | 2.5-3"     |        | ±5     | •             | 112+150   | •      | •       | •    |         |
| 133508800 | 75-88   | 3-3.5"     |        | ±5     | •             | 112+150   | •      | •       | •    |         |
| 133510000 | 87-100  | 3.5-4"     |        | ±5     | •             | 112+150   | •      | •       | •    |         |
| 133512500 | 100-125 | 4-5"       |        | ±5     | option        | 130+150   | •      | •       | •    |         |
| 133515000 | 125-150 | 5-6"       |        | ±5     |               | 130+150   | •      | •       | •    |         |
| 133517500 | 150-175 | 6-7"       |        | ±5     |               | 130+150   | •      | •       | •    |         |

**CERTiMet** DIGITAL PISTOL GRIP BORE GAUGE SET

| Item No   | Range  |           | Measuring heads | Setting rings | Max depth |
|-----------|--------|-----------|-----------------|---------------|-----------|
|           | mm     | inch      |                 |               | mm        |
| 133570613 | 6-12   | 0.25-0.5" | 3pcs            | 3pcs          | 50+100    |
| 133571221 | 12-20  | 0.5-0.8"  | 2pcs            | 1pcs          | 65+150    |
| 133572051 | 20-50  | 0.8-2"    | 4pcs            | 2pcs          | 91+150    |
| 133575091 | 50-100 | 2-4"      | 4pcs            | 2pcs          | 65+150    |
| 133579131 | 6-150  | 0.25-6"   | 15pcs           | up to 100mm   |           |

## DELIVERY SET



## OPTIONAL

**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE A  
KEYBOARD







## DATA MET FUNCTIONS

|                               |                                              |                                    |                                   |                                        |                                      |
|-------------------------------|----------------------------------------------|------------------------------------|-----------------------------------|----------------------------------------|--------------------------------------|
| <p><b>COLOR GO / NOGO</b></p> | <p><b>COLOR MAX / MIN / RANGE</b></p>        | <p><b>MEMORY 1000 values</b></p>   | <p><b>MEMORY STATISTICS</b></p>   | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>DEVICE INFO, UPDATE</b></p>    |
| <p><b>TIMER</b></p>           | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> | <p><b>DISPLAY &amp; ENERGY</b></p> | <p><b>RESOLUTION, mm/inch</b></p> | <p><b>WIRELESS to MDS app</b></p>      | <p><b>WIRELESS &amp; USB HID</b></p> |

- Industry 4.0 adopted **DataMet** Pistol grip bore gauge with computerized MICS system
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

## DataMet PISTOL GRIP BORE GAUGE

| Item No   | Range   |            | Resol. | Accur. | Setting rings | Max depth | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory             | WIRELESS         | USB              |
|-----------|---------|------------|--------|--------|---------------|-----------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------------------|------------------|------------------|
|           | mm      | inch       | mm     | μm     |               | mm        |        |         |         |         |       |           |             |             |          |                    |                  |                  |
| 133500810 | 6-8     | 0.25-0.32" | 0,0001 | ±3     | •             | 50+100    | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val | Long range / HID | USB HID / Update |
| 133501010 | 8-10    | 0.32-0.4"  |        | ±3     | •             | 50+100    | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 133501210 | 10-12   | 0.4-0.5"   |        | ±3     | •             | 50+100    | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 133501610 | 12-16   | 0.5-0.63"  |        | ±3     | •             | 65+150    | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 133502010 | 16-20   | 0.63-0.8"  |        | ±3     | •             | 65+150    | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 133502510 | 20-25   | 0.8"-1"    |        | ±3     | •             | 91+150    | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 135303010 | 25-30   | 1-1.2"     |        | ±3     | •             | 91+150    | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 133504010 | 30-40   | 1.2-1.6"   |        | ±3     | •             | 97+150    | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 133505010 | 40-50   | 1.6-2"     |        | ±4     | •             | 97+150    | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 133506310 | 50-63   | 2-2.5"     |        | ±4     | •             | 112+150   | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 133507510 | 62-75   | 2.5-3"     |        | ±4     | •             | 112+150   | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 133508810 | 75-88   | 3-3.5"     |        | ±4     | •             | 112+150   | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 133510010 | 87-100  | 3.5-4"     |        | ±4     | •             | 112+150   | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 133512510 | 100-125 | 4-5"       |        | ±4     | option        | 130+150   | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 133515010 | 125-150 | 5-6"       |        | ±4     |               | 130+150   | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 133517510 | 150-175 | 6-7"       |        | ±4     |               | 130+150   | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |

## DataMet PISTOL GRIP BORE GAUGE SET

| Item No   | Range  |           | Measuring heads | Setting rings | Max depth |
|-----------|--------|-----------|-----------------|---------------|-----------|
|           | mm     | inch      |                 |               | mm        |
| 133570612 | 6-12   | 0.25-0.5" | 3pcs            | 3pcs          | 50+100    |
| 133571220 | 12-20  | 0.5-0.8"  | 2pcs            | 1pcs          | 65+150    |
| 133572050 | 20-50  | 0.8-2"    | 4pcs            | 2pcs          | 91+150    |
| 133575090 | 50-100 | 2-4"      | 4pcs            | 2pcs          | 65+150    |
| 133579130 | 6-150  | 0.25-6"   | 15pcs           | up to 100mm   |           |



## DELIVERY SET



## OPTIONAL



- Industry 4.0 adopted **DataMet** Extra long Pistol grip bore gauge with computerized MICS system
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



## DATAmet FUNCTIONS

|                               |                                              |                                    |                                   |                                        |                                      |
|-------------------------------|----------------------------------------------|------------------------------------|-----------------------------------|----------------------------------------|--------------------------------------|
| <p><b>COLOR GO / NOGO</b></p> | <p><b>COLOR MAX / MIN / RANGE</b></p>        | <p><b>MEMORY 1000 values</b></p>   | <p><b>MEMORY STATISTICS</b></p>   | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>DEVICE INFO, UPDATE</b></p>    |
| <p><b>TIMER</b></p>           | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> | <p><b>DISPLAY &amp; ENERGY</b></p> | <p><b>RESOLUTION, mm/inch</b></p> | <p><b>WIRELESS to MDS app</b></p>      | <p><b>WIRELESS &amp; USB HID</b></p> |

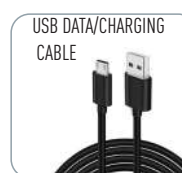
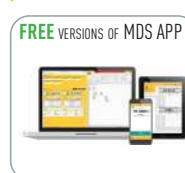
| Item No   | Range   |          | Resol. | Accur. | Setting rings | Max depth | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory             | WIRELESS         | USB              |
|-----------|---------|----------|--------|--------|---------------|-----------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------------------|------------------|------------------|
|           | mm      | inch     | mm     | μm     |               | mm        |        |         |         |         |       |           |             |             |          |                    |                  |                  |
| 133502511 | 20-25   | 0.8"-1"  | 0,0001 | ±3     | ●             | 1000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●        | Folders / 2000 val | Long range / HID | USB HID / Update |
| 135303011 | 25-30   | 1-1.2"   |        | ±3     | ●             | 1000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●        |                    |                  |                  |
| 135303012 |         |          |        | ±4     | ●             | 2000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           |          |                    |                  |                  |
| 133504011 | 30-40   | 1.2-1.6" |        | ±3     | ●             | 1000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           |          |                    |                  |                  |
| 133504012 |         |          |        | ±4     | ●             | 2000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           |          |                    |                  |                  |
| 133504013 |         |          |        | ±5     | ●             | 3000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           |          |                    |                  |                  |
| 133505011 | 40-50   | 1.6-2"   |        | ±4     | ●             | 1000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           |          |                    |                  |                  |
| 133505012 |         |          |        | ±5     | ●             | 2000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           |          |                    |                  |                  |
| 133505013 |         |          |        | ±5     | ●             | 3000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           |          |                    |                  |                  |
| 133505015 |         |          |        | ±7     | ●             | 5000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           |          |                    |                  |                  |
| 133506311 | 50-63   | 2-2.5"   |        | ±4     | ●             | 1000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           |          |                    |                  |                  |
| 133506312 |         |          |        | ±5     | ●             | 2000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           |          |                    |                  |                  |
| 133506313 |         |          |        | ±5     | ●             | 3000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           |          |                    |                  |                  |
| 133506315 |         |          |        | ±7     | ●             | 5000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           |          |                    |                  |                  |
| 133507511 | 62-75   | 2.5-3"   |        | ±4     | ●             | 1000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           |          |                    |                  |                  |
| 133507512 |         |          |        | ±5     | ●             | 2000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           |          |                    |                  |                  |
| 133507513 |         |          |        | ±5     | ●             | 3000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           |          |                    |                  |                  |
| 133507515 |         |          |        | ±7     | ●             | 5000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           |          |                    |                  |                  |
| 133508811 | 75-88   | 3-3.5"   |        | ±4     | ●             | 1000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           |          |                    |                  |                  |
| 133508812 |         |          |        | ±5     | ●             | 2000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           |          |                    |                  |                  |
| 133508813 |         |          |        | ±5     | ●             | 3000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           |          |                    |                  |                  |
| 133508815 |         |          |        | ±7     | ●             | 5000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           |          |                    |                  |                  |
| 133510011 | 87-100  | 3.5-4"   |        | ±4     | ●             | 1000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           |          |                    |                  |                  |
| 133510012 |         |          |        | ±5     | ●             | 2000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           |          |                    |                  |                  |
| 133510013 |         |          |        | ±5     | ●             | 3000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           |          |                    |                  |                  |
| 133510015 |         |          |        | ±7     | ●             | 5000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           |          |                    |                  |                  |
| 133512511 | 100-125 | 4-5"     |        | ±4     | option        | 1000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●        |                    |                  |                  |
| 133512512 |         |          |        | ±5     |               | 2000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●        |                    |                  |                  |
| 133512513 |         |          |        | ±5     |               | 3000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●        |                    |                  |                  |
| 133512515 |         |          |        | ±7     |               | 5000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●        |                    |                  |                  |
| 133515011 | 125-150 | 5-6"     |        | ±4     |               | 1000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●        |                    |                  |                  |
| 133515012 |         |          |        | ±5     |               | 2000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●        |                    |                  |                  |
| 133515013 |         |          |        | ±5     |               | 3000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●        |                    |                  |                  |
| 133515015 |         |          |        | ±7     |               | 5000      | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●        |                    |                  |                  |



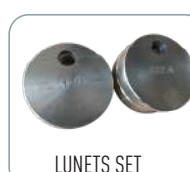
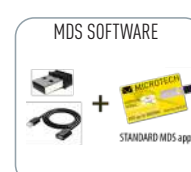
## BIG DEPTH DataMet PISTOL GRIP BORE GAUGE SET

| Item No   | Range  |        | Measuring heads | Setting rings | Max depth |
|-----------|--------|--------|-----------------|---------------|-----------|
|           | mm     | inch   |                 |               | mm        |
| 133572052 | 20-50  | 0.8-2" | 4pcs            | 2pcs          | 1000      |
| 133573053 | 30-50  | 1.2-2" | 4pcs            | 2pcs          | 3000      |
| 133575092 | 50-100 | 2-4"   | 4pcs            | 2pcs          | 1000      |
| 133575093 |        |        | 4pcs            | 2pcs          | 3000      |
| 133575095 |        |        | 4pcs            | 2pcs          | 5000      |
| 133579132 | 20-150 | 0.8-4" | 10pcs           | 5pcs          | 1000      |
| 133579133 | 30-150 | 1.2-4" | 8pcs            | 4pcs          | 3000      |
| 133579135 |        |        | 8pcs            |               | 5000      |

## DELIVERY SET



## OPTIONAL







## DATAmet FUNCTIONS

|                        |                                       |                             |                            |                                 |                               |
|------------------------|---------------------------------------|-----------------------------|----------------------------|---------------------------------|-------------------------------|
| <p>COLOR GO / NOGO</p> | <p>COLOR MAX / MIN / RANGE</p>        | <p>MEMORY 1000 values</p>   | <p>MEMORY STATISTICS</p>   | <p>TEMPERATURE COMPENSATION</p> | <p>DEVICE INFO, UPDATE</p>    |
| <p>TIMER</p>           | <p>FORMULA <math>Ax^2+Bx+C</math></p> | <p>DISPLAY &amp; ENERGY</p> | <p>RESOLUTION, mm/inch</p> | <p>WIRELESS to MDS app</p>      | <p>WIRELESS &amp; USB HID</p> |

- Three-point **DataMet** Gun barrel Pistol-grip bore gauges
- Long Carbide tipped measuring pins
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **Calibration** certificate included (ISO17025 (Ilac MRA))

| Item No   | Range   |             | Reso-<br>lution | Max<br>Depth | Lunet<br>set | Anvils   | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory             | WIRELESS         | USB     |
|-----------|---------|-------------|-----------------|--------------|--------------|----------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------------------|------------------|---------|
|           | Caliber | mm          |                 |              |              |          |        |         |         |         |       |           |             |             |          |                    |                  |         |
| 138206017 | 60      | 59-61       | 0,0001          | 1000         | -            | standard | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val | Long range / HID | USB HID |
| 138206217 | 62      | 61-63       |                 | 1000         | -            | standard | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 138208017 | 80      | 79-81       |                 | 1500         | 1            | standard | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 138208217 | 82      | 81-83       |                 | 1500         | 1            | standard | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 138112027 | 120     | 118.5-121.5 |                 | 2000         | 1            | extended | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 138112237 | 122     | 120.5-123.5 |                 | 3000         | 2            | extended | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 138112437 | 124     | 122.5-125.5 |                 | 3000         | 2            | extended | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 138112537 | 125     | 123.5-126.5 |                 | 3000         | 2            | extended | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 138112567 |         |             |                 | 6000         | 4            | extended | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 138115237 | 152     | 150.5-153.5 |                 | 3000         | 2            | extended | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 138115267 |         |             |                 | 6000         | 4            | extended | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 138115537 | 155     | 153.5-156.5 |                 | 3000         | 2            | extended | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 138115567 |         |             |                 | 6000         | 4            | extended | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |



DataMet  
interface



CONNECTION  
possibilities

## DELIVERY SET



## OPTIONAL



DOWNLOAD  
MDS app WINDOWS

Windows



DOWNLOAD  
MDS app iOS, MacOS

macOS  
iOS



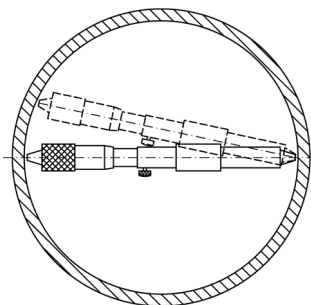
DOWNLOAD  
MDS app ANDROID

android

- Tubular Inside **CertiMet** micrometers with range up to 6m
- Digital IP65 indication system
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No   | Range    |        | Resolution | Accuracy | Tube D | Extension rods                                    | Proof | Preset |
|-----------|----------|--------|------------|----------|--------|---------------------------------------------------|-------|--------|
|           | mm       | inch   |            |          |        | mm                                                |       |        |
| 133800102 | 125-1000 | 5-40"  | 0,001      | ±20      | 22     | 25, 50 (2pcs), 100, 200, 400                      | IP65  | •      |
| 133800152 | 125-1500 | 5-60"  |            | ±25      |        | 25, 50 (2pcs), 100 (2pcs), 200, 400 (2pcs)        |       | •      |
| 133800202 | 125-2100 | 5-84"  |            | ±30      |        | 25, 50 (2pcs), 100 (2pcs), 200 (2pcs), 400 (3pcs) |       | •      |
| 133800302 | 125-3000 | 5-120" |            | ±40      |        | 25, 50 (2pcs), 100 (2pcs), 200 (3pcs), 400 (5pcs) |       | •      |
| 133800402 | 125-4000 | 5-160" |            | ±50      |        | 25, 50 (2pcs), 100 (2pcs), 200 (2pcs), 400 (8pcs) |       | •      |



## DELIVERY SET



## OPTIONAL



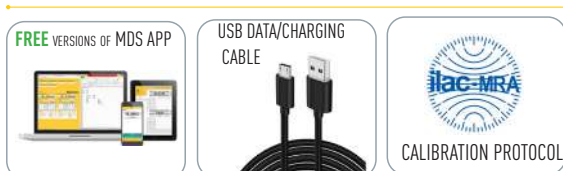
- Tubular **DataMet** Inside micrometers with range up to 6m
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

0,1µm



| Item No   | Range    |        | Reso-<br>lution | Accu-<br>racy | Tube<br>D | Extension rods                                    | Proof | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory             | WIRELESS         | USB              |
|-----------|----------|--------|-----------------|---------------|-----------|---------------------------------------------------|-------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------------------|------------------|------------------|
|           | mm       | inch   | mm              | µm            | mm        | mm                                                |       |        |         |         |         |       |           |             |             |          |                    |                  |                  |
| 133800100 | 125-1000 | 5-40"  | 0,0001          | ±15           | 22        | 25, 50 (2pcs), 100, 200, 400                      | IP65  | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val | Long range / HID | USB HID / Update |
| 133800150 | 125-1500 | 5-60"  |                 | ±15           |           | 25, 50 (2pcs), 100 (2pcs), 200, 400 (2pcs)        |       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 133800200 | 125-2100 | 5-84"  |                 | ±20           |           | 25, 50 (2pcs), 100 (2pcs), 200 (2pcs), 400 (3pcs) |       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 133800300 | 125-3000 | 5-120" |                 | ±30           |           | 25, 50 (2pcs), 100 (2pcs), 200 (3pcs), 400 (5pcs) |       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 133800400 | 125-4000 | 5-160" |                 | ±40           |           | 25, 50 (2pcs), 100 (2pcs), 200 (2pcs), 400 (8pcs) |       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |

## DELIVERY SET



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MDS app iOS, MacOS  
macOS  
iOS



DOWNLOAD  
MDS app ANDROID  
android

## OPTIONAL







CARBON FIBER TUBE

SOLID CARBON TUBES

## DATAmet FUNCTIONS

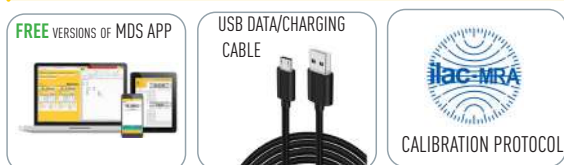
|                             |                            |                                |                               |                                 |                                       |
|-----------------------------|----------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------------|
| <p>ANALOG SCALE</p>         | <p>COLOR GO / NOGO</p>     | <p>COLOR MAX / MIN / RANGE</p> | <p>TIMER</p>                  | <p>TOUCH PROBE SETTINGS</p>     | <p>FORMULA <math>Ax^2+Bx+C</math></p> |
| <p>GRAPHIC MODE 1D/2D</p>   | <p>MEMORY 2000 values</p>  | <p>FOLDERS mode</p>            | <p>MEMORY STATISTICS</p>      | <p>TEMPERATURE COMPENSATION</p> | <p>PASSWORD</p>                       |
| <p>DISPLAY &amp; ENERGY</p> | <p>RESOLUTION, mm/inch</p> | <p>WIRELESS to MDS app</p>     | <p>WIRELESS &amp; USB HID</p> | <p>HUB mode (2D, Probe)</p>     | <p>DEVICE INFO, UPDATE</p>            |

- CARBON Tubular DataMet Inside micrometers with range up to 10m
- Light and solid carbon extension rods
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No   | Range     |        | Reso-<br>lution | Accu-<br>racy | Tube<br>D | Extension rods                                                 | Proof | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory             | WIRELESS         | USB              |
|-----------|-----------|--------|-----------------|---------------|-----------|----------------------------------------------------------------|-------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------------------|------------------|------------------|
|           | mm        | inch   | mm              | µm            | mm        | mm                                                             |       |        |         |         |         |       |           |             |             |          |                    |                  |                  |
| 133800101 | 150-1000  | 6-40"  | 0,0001          | ±15           | 22        | 25, 50 (2pcs), 100 (1pcs), 200 (1pcs), 400 (1pcs)              | IP65  | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val | Long range / HID | USB HID / Update |
| 133800151 | 150-1500  | 6-60"  |                 | ±15           |           | 25, 50 (2pcs), 100 (2pcs), 200 (1pcs), 400 (2pcs)              |       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 133800201 | 150-2100  | 6-85"  |                 | ±20           |           | 25, 50 (1pcs), 100 (1pcs), 200 (1pcs), 400 (4pcs)              |       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 133800301 | 150-3000  | 6-120" |                 | ±30           | 32        | 25, 50 (2pcs), 100 (1pcs), 200 (2pcs), 400 (3pcs), 1000 (1pcs) |       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 133800401 | 150-4000  | 6-160" |                 | ±40           |           | 25, 50 (2pcs), 100 (1pcs), 200 (2pcs), 400 (3pcs), 1000 (2pcs) |       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 133800501 | 150-5000  | 6-200" |                 | ±50           | 50        | 25, 50 (2pcs), 100 (1pcs), 200 (2pcs), 400 (3pcs), 1000 (3pcs) |       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 133800601 | 150-6000  | 6-240" |                 | ±60           |           | 25, 50 (2pcs), 100 (1pcs), 200 (2pcs), 400 (3pcs), 1000 (4pcs) |       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 133800801 | 150-8000  | 6-320" |                 | ±80           |           | 25, 50 (2pcs), 100 (1pcs), 200 (2pcs), 400 (3pcs), 1000 (6pcs) |       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 133801001 | 150-10000 | 6-400" |                 | ±100          |           | 25, 50 (2pcs), 100 (1pcs), 200 (2pcs), 400 (3pcs), 1000 (8pcs) |       | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |



## DELIVERY SET



## OPTIONAL



- **CertiMet** dial bore gauges with Carbide contacts with depth up to 2m
- Dial indicator with 0.01mm resolution
- Custom range and depth for request
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No          | Range    | Depth | Resolu-<br>tion | Accuracy |
|------------------|----------|-------|-----------------|----------|
|                  | mm       | mm    | mm              | µm       |
| 132010100        | 6-10     | 60    | 0.01            | ±8       |
| 132018100        | 10-18    | 110   |                 | ±8       |
| 132050100        | 18-50    | 130   |                 | ±12      |
| 132050111        |          | 500   |                 | ±12      |
| 132050122        |          | 1000  |                 | ±12      |
| 132050144        |          | 2000  |                 | ±12      |
| 132160100        | 50-160   | 150   |                 | ±15      |
| 132160111        |          | 500   |                 | ±15      |
| 132160122        |          | 1000  |                 | ±15      |
| 132160144        |          | 2000  |                 | ±15      |
| 132250100        | 160-250  | 260   |                 | ±15      |
| 132250122        |          | 1000  |                 | ±15      |
| 132250144        |          | 2000  |                 | ±15      |
| 132450100        | 250-450  | 260   |                 | ±22      |
| 132450122        |          | 1000  |                 | ±22      |
| 132450144        |          | 2000  |                 | ±22      |
| 132900100        | 400-1000 | 440   |                 | ±30      |
| 132900122        |          | 1000  |                 | ±30      |
| 132900144        |          | 2000  |                 | ±30      |
| 132951100        | 250-1500 | 440   |                 | ±25      |
| BORE GAUGES SETS |          |       |                 |          |
| 132160105        | 18-160   |       | 0.01            | ±15      |
| 132450105        | 18-450   |       |                 | ±22      |
| 132990105        | 6-1000   |       |                 | ±30      |

CUSTOM RANGE AND DEPTH FOR REQUEST

## DELIVERY SET

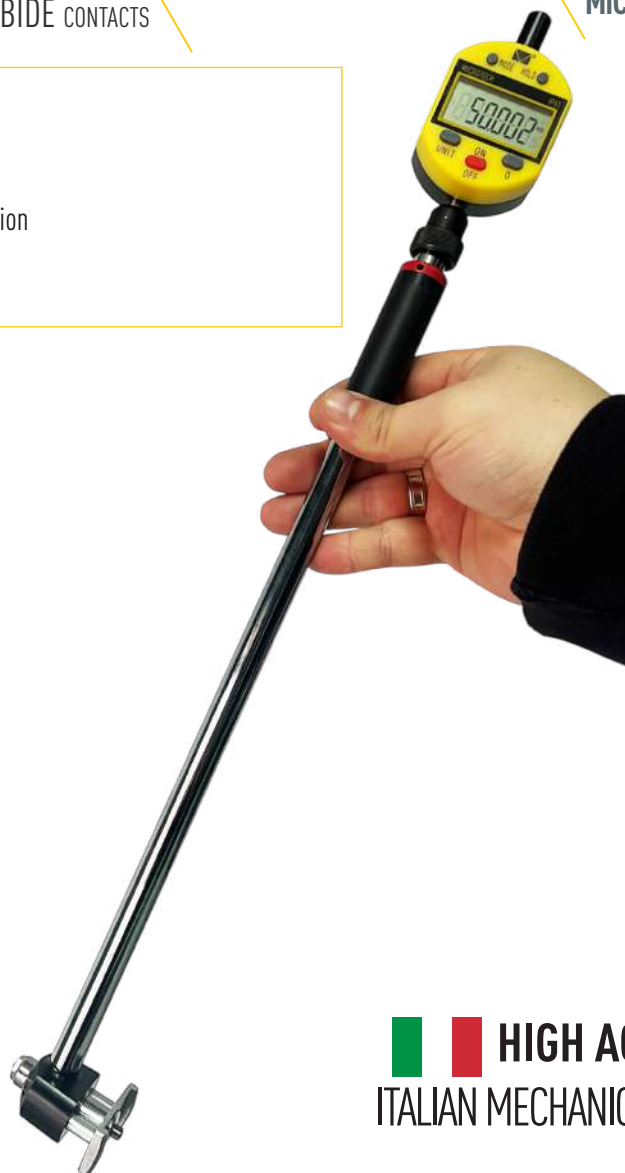




- **CertiMet** digital bore gauges with Carbide contacts
- PRECISION serie of bore gauge with 0.001mm resolution
- Top quality Italian origin mechanical part of bore gauge
- Micron Digital indicator IP65 proof with PRESET, HOLD function
- Wide measuring range
- **Calibration** certificate included (ISO17025 (Ilac MRA))

PRESET  
FUNCTION

1µm



 **HIGH ACCURACY**  
ITALIAN MECHANICAL SYSTEM

| Item No   | Range    | Depth | Resolu-<br>tion | Move<br>tip | Accuracy | Repeat. | Weight | Preset | Hold |
|-----------|----------|-------|-----------------|-------------|----------|---------|--------|--------|------|
|           | mm       | mm    |                 |             | µm       |         |        |        |      |
| 132035803 | 15-35    | 125   | 0.001           | 1,5         | ±2       | 1       | 0,08   | •      | •    |
| 132100803 | 30-100   | 250   |                 | 2,3         | ±2       | 1       | 0,19   | •      | •    |
| 132100813 |          | 1250  |                 |             | ±4       | 1       | 0,71   | •      | •    |
| 132210803 | 50-210   | 380   |                 | 3,3         | ±3       | 1       | 0,27   | •      | •    |
| 132210813 |          | 1380  |                 |             | ±4       | 1       | 0,79   | •      | •    |
| 132300803 | 100-300  | 350   |                 | 3,5         | ±3       | 1       | 0,46   | •      | •    |
| 132300813 |          | 1390  |                 |             | ±5       | 1       | 1,25   | •      | •    |
| 132500803 | 100-500  | 650   |                 | 3,5         | ±3       | 1       | 0,73   | •      | •    |
| 132500813 |          | 1690  |                 |             | ±5       | 1       | 1,5    | •      | •    |
| 132990803 | 190-1000 | 650   |                 | 4           | ±5       | 1       | 1,1    | •      | •    |
| 132990813 |          | 1690  |                 |             | ±7       | 1       | 1,88   | •      | •    |

## DELIVERY SET



## OPTIONAL

**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE A  
KEYBOARD



UNIVERSAL  
CALIBRATION STANDS







**PRESET**  
FUNCTION

1µm

**CUSTOM RANGE AND DEPTH FOR REQUEST**

**UP TO 1500MM RANGE**

- **CertiMet** digital bore gauges with Carbide contacts with depth up to 2m
- Up to 1500mm range
- Micron Digital indicator IP65 proof with PRESET, HOLD function
- Custom range and depth for request
- **Calibration** certificate included (ISO17025 (Ilac MRA))

| Item No          | Range    | Depth    | Resolu-<br>tion | Accuracy | Preset | Hold |
|------------------|----------|----------|-----------------|----------|--------|------|
|                  | mm       | mm       | mm              | µm       |        |      |
| 132010800        | 6-10     | 60       | 0.001           | ±3       | ●      | ●    |
| 132018800        | 10-18    | 110      |                 | ±3       | ●      | ●    |
| 132050800        | 18-50    | 130      |                 | ±3       | ●      | ●    |
| 132050811        |          | 500      |                 | ±3       | ●      | ●    |
| 132050822        |          | 1000     |                 | ±3       | ●      | ●    |
| 132050844        |          | 2000     |                 | ±3       | ●      | ●    |
| 132160800        | 50-160   | 150      |                 | ±3       | ●      | ●    |
| 132160811        |          | 500      |                 | ±3       | ●      | ●    |
| 132160822        |          | 1000     |                 | ±3       | ●      | ●    |
| 132160844        |          | 2000     |                 | ±3       | ●      | ●    |
| 132250800        | 160-250  | 260      |                 | ±4       | ●      | ●    |
| 132250822        |          | 1000     |                 | ±5       | ●      | ●    |
| 132250844        |          | 2000     |                 | ±5       | ●      | ●    |
| 132450800        | 250-450  | 260      |                 | ±5       | ●      | ●    |
| 132450822        |          | 1000     |                 | ±8       | ●      | ●    |
| 132450844        |          | 2000     |                 | ±8       | ●      | ●    |
| 132900800        | 400-1000 | 440      |                 | ±7       | ●      | ●    |
| 132900822        |          | 1000     |                 | ±12      | ●      | ●    |
| 132900844        |          | 2000     |                 | ±12      | ●      | ●    |
| 132951800        |          | 250-1500 |                 | 440      | ±8     | ●    |
| BORE GAUGES SETS |          |          |                 |          |        |      |
| 132160805        | 18-160   |          | 0.001           | ±3       | ●      | ●    |
| 132450805        | 18-450   |          |                 | ±8       | ●      | ●    |
| 132990805        | 6-1000   |          |                 | ±12      | ●      | ●    |

## DELIVERY SET



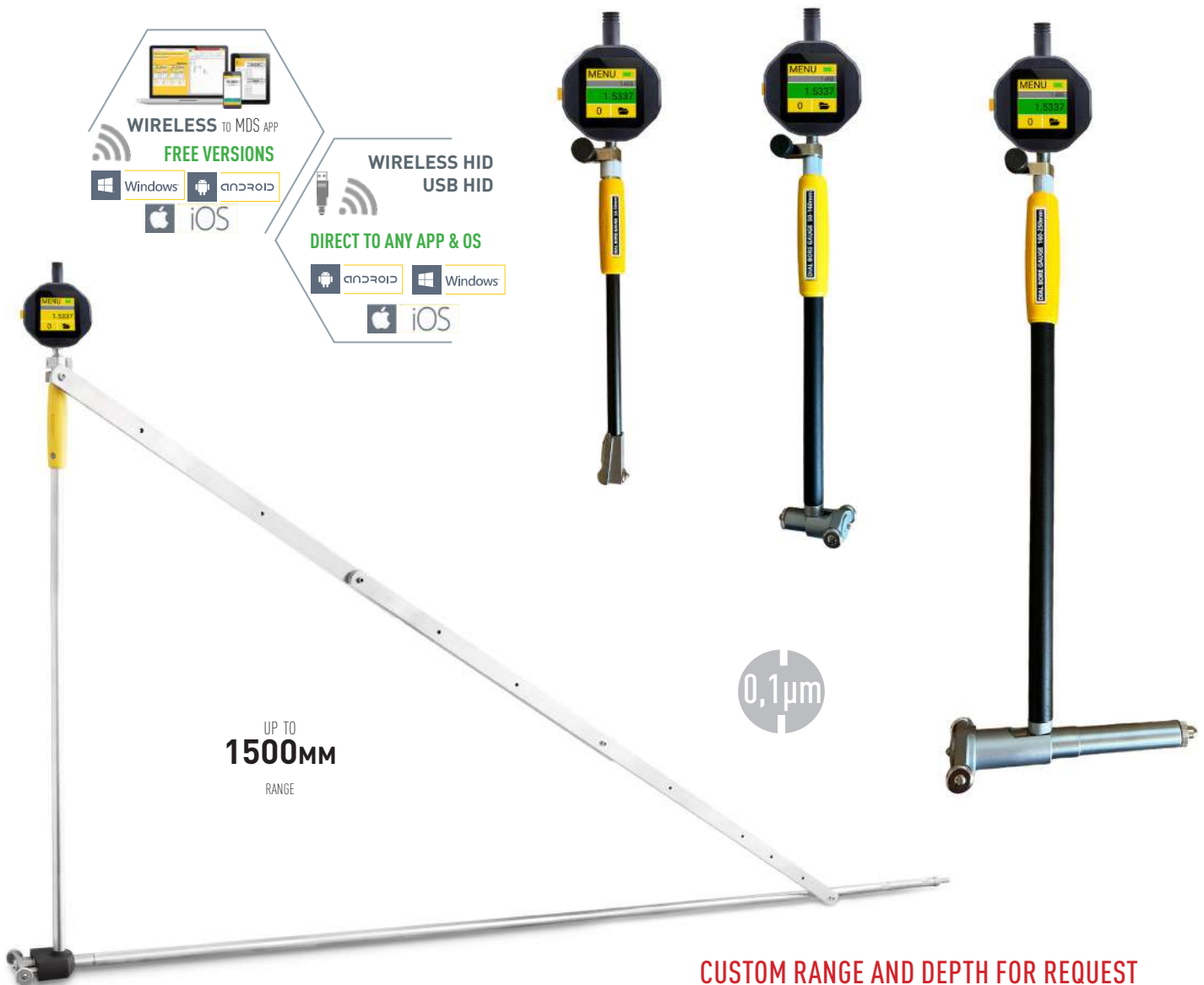
## OPTIONAL

**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE A  
KEYBOARD



UNIVERSAL  
CALIBRATION STANDS





## DATAmet FUNCTIONS

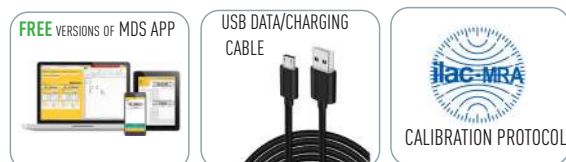
|                             |                                |                                 |                               |
|-----------------------------|--------------------------------|---------------------------------|-------------------------------|
| <p>COLOR GO / NOGO</p>      | <p>COLOR MAX / MIN / RANGE</p> | <p>TIMER</p>                    | <p>Formula</p>                |
| <p>MEMORY 1000 values</p>   | <p>MEMORY STATISTICS</p>       | <p>TEMPERATURE COMPENSATION</p> | <p>DEVICE INFO, UPDATE</p>    |
| <p>DISPLAY &amp; ENERGY</p> | <p>RESOLUTION, mm/inch</p>     | <p>WIRELESS to MDS app</p>      | <p>WIRELESS &amp; USB HID</p> |

- **DataMet** Two-point bore gauges with range up to 1500mm and depth up to 2 m
- Carbide tipped measuring pins
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **Quick reading system** (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **Calibration** certificate included (ISO17025 (Ilac MRA))

| Item No          | Range    | Depth | Resolu-<br>tion | Accu-<br>racy | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory             | WIRELESS         | USB                       |
|------------------|----------|-------|-----------------|---------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------------------|------------------|---------------------------|
|                  | mm       | mm    | mm              | µm            |        |         |         |         |       |           |             |             |           |          |                    |                  |                           |
| 132010700        | 6-10     | 60    | 0.0001          | ±3            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | Folders / 2000 val | Long range / HID | USB HID / Update firmware |
| 132018700        | 10-18    | 110   |                 | ±3            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |
| 132050700        | 18-50    | 130   |                 | ±3            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |
| 132050711        |          | 500   |                 | ±3            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |
| 132050722        |          | 1000  |                 | ±3            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |
| 132050744        |          | 2000  |                 | ±3            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |
| 132160700        | 50-160   | 150   |                 | ±3            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |
| 132160711        |          | 500   |                 | ±3            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |
| 132160722        |          | 1000  |                 | ±3            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |
| 132160744        |          | 2000  |                 | ±3            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |
| 132250700        | 160-250  | 260   |                 | ±5            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |
| 132250722        |          | 1000  |                 | ±5            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |
| 132250744        |          | 2000  |                 | ±5            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |
| 132450700        | 250-450  | 260   |                 | ±8            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |
| 132450722        |          | 1000  |                 | ±8            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |
| 132450744        |          | 2000  |                 | ±8            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |
| 132900700        | 400-1000 | 440   |                 | ±12           | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |
| 132900722        |          | 1000  |                 | ±12           | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |
| 132900744        |          | 2000  |                 | ±12           | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |
| 132951700        | 250-1500 | 440   |                 | ±8            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |
| BORE GAUGES SETS |          |       |                 |               |        |         |         |         |       |           |             |             |           |          |                    |                  |                           |
| 132160705        | 18-160   |       | 0.0001          | ±3            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •                  | •                | •                         |
| 132450705        | 18-450   |       |                 | ±8            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •                  | •                | •                         |
| 132990705        | 6-1000   |       |                 | +12           | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •                  | •                | •                         |



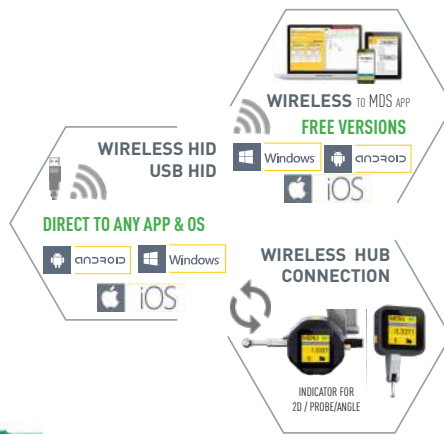
## DELIVERY SET



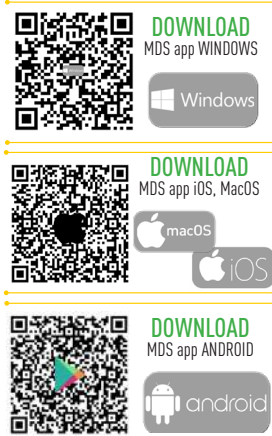
## OPTIONAL







OPTIONAL MODBUS ASCII, MODBUS TCP/IP



**HIGH ACCURACY**  
**ITALIAN MECHANICAL SYSTEM**



## DATA MET FUNCTIONS

|                                    |                                   |                                       |                                      |                                        |                                              |
|------------------------------------|-----------------------------------|---------------------------------------|--------------------------------------|----------------------------------------|----------------------------------------------|
| <p><b>ANALOG SCALE</b></p>         | <p><b>COLOR GO / NOGO</b></p>     | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>                  | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> |
| <p><b>GRAPHIC MODE 1D/2D</b></p>   | <p><b>MEMORY 2000 values</b></p>  | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p>      | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>                       |
| <p><b>DISPLAY &amp; ENERGY</b></p> | <p><b>RESOLUTION, mm/inch</b></p> | <p><b>WIRELESS to MDS app</b></p>     | <p><b>WIRELESS &amp; USB HID</b></p> | <p><b>HUB mode (2D, Probe)</b></p>     | <p><b>DEVICE INFO, UPDATE</b></p>            |

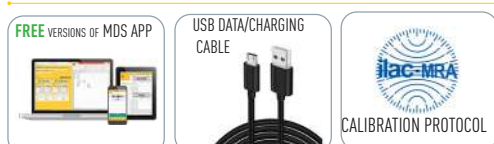
- **Industry 4.0** adopted **DataMet** bore gauges with computerized MICS system with 2.4" color Touchscreen
- Two-point dial bore gauges with range up to 1000mm and depth up to 1,7 m
- Carbide tipped measuring pins
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **Quick reading system** (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration certificate** included (ISO17025 (Ilac MRA))

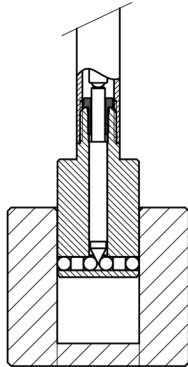
**DataMet** BORE GAUGES WITH CARBIDE CONTACTS

| Item No   | Range    | Depth | Resolu-<br>tion | Move<br>tip | Accuracy | Repeat. | Weight | 2D connect | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB |
|-----------|----------|-------|-----------------|-------------|----------|---------|--------|------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|
|           | mm       | mm    | mm              | mm          | µm       | µm      | kg     |            |               |         |              |        |         |         |         |       |           |             |             |          |        |          |     |
| 132035808 | 15-35    | 125   | 0.0001          | 1,5         | ±2       | 1       | 0,08   | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 132100808 | 30-100   | 250   |                 | 2,3         | ±2       | 1       | 0,19   | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 132100818 |          | 1250  |                 |             | ±4       | 1       | 0,71   | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 132210808 | 50-210   | 380   |                 | 3,3         | ±3       | 1       | 0,27   | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 132210818 |          | 1380  |                 |             | ±4       | 1       | 0,79   | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 132300808 | 100-300  | 350   |                 | 3,5         | ±3       | 1       | 0,46   | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 132300818 |          | 1390  |                 |             | ±5       | 1       | 1,25   | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 132500808 | 100-500  | 650   |                 | 3,5         | ±3       | 1       | 0,73   | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 132500818 |          | 1690  |                 |             | ±5       | 1       | 1,5    | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 132990808 | 190-1000 | 650   |                 | 4           | ±5       | 1       | 1,1    | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 132990818 |          | 1690  |                 |             | ±7       | 1       | 1,88   | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |

**MODBUS DataMet** BORE GAUGES WITH CARBIDE

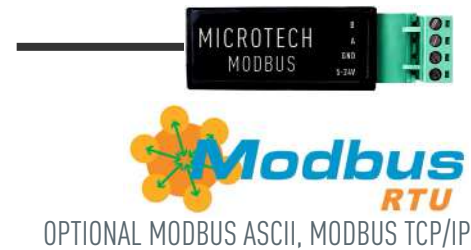
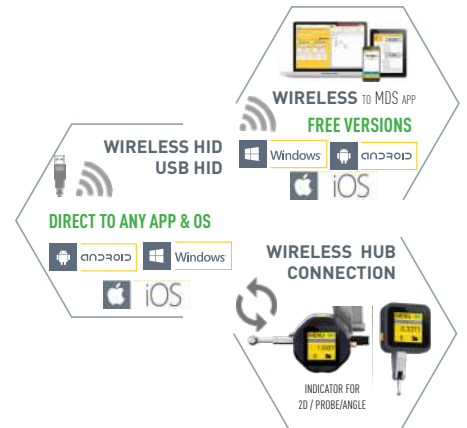
| Item No    | Range    | Depth | Resolu-<br>tion | Move<br>tip | Accuracy | Repeat. | Weight | 2D connect | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB | MODBUS RTU | MODBUS ASCII | MODBUS TCP/IP |
|------------|----------|-------|-----------------|-------------|----------|---------|--------|------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|------------|--------------|---------------|
|            | mm       | mm    | mm              | mm          | µm       | µm      | kg     |            |               |         |              |        |         |         |         |       |           |             |             |          |        |          |     |            |              |               |
| 132035808M | 15-35    | 125   | 0.0001          | 1,5         | ±2       | 1       | 0,08   | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | •            |               |
| 132100808M | 30-100   | 250   |                 | 2,3         | ±2       | 1       | 0,19   | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | •            |               |
| 132100818M |          | 1250  |                 |             | ±4       | 1       | 0,71   | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | •            |               |
| 132210808M | 50-210   | 380   |                 | 3,3         | ±3       | 1       | 0,27   | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | •            |               |
| 132210818M |          | 1380  |                 |             | ±4       | 1       | 0,79   | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | •            |               |
| 132300808M | 100-300  | 350   |                 | 3,5         | ±3       | 1       | 0,46   | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | •            |               |
| 132300818M |          | 1390  |                 |             | ±5       | 1       | 1,25   | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | •            |               |
| 132500808M | 100-500  | 650   |                 | 3,5         | ±3       | 1       | 0,73   | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | •            |               |
| 132500818M |          | 1690  |                 |             | ±5       | 1       | 1,5    | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | •            |               |
| 132990808M | 190-1000 | 650   |                 | 4           | ±5       | 1       | 1,1    | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | •            |               |
| 132990818M |          | 1690  |                 |             | ±7       | 1       | 1,88   | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | •            |               |

**DELIVERY SET**

**OPTIONAL**

0,1µm

**INTERCHANGEABLE  
MEASURING HEADS INCLUDED**



**HIGH ACCURACY  
ITALIAN MECHANICAL SYSTEM**

## DATA MET FUNCTIONS

|                                    |                                   |                                       |                                      |                                        |                                              |
|------------------------------------|-----------------------------------|---------------------------------------|--------------------------------------|----------------------------------------|----------------------------------------------|
| <p><b>ANALOG SCALE</b></p>         | <p><b>COLOR GO / NOGO</b></p>     | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>                  | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> |
| <p><b>GRAPHIC MODE 1D/2D</b></p>   | <p><b>MEMORY 2000 values</b></p>  | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p>      | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>                       |
| <p><b>DISPLAY &amp; ENERGY</b></p> | <p><b>RESOLUTION, mm/inch</b></p> | <p><b>WIRELESS to MDS app</b></p>     | <p><b>WIRELESS &amp; USB HID</b></p> | <p><b>HUB mode (2D, Probe)</b></p>     | <p><b>DEVICE INFO, UPDATE</b></p>            |



- Industry 4.0 adopted **DataMet** plug gauges with computerized MICS system with 2.4" color Touchscreen
- SET of interchangeable measuring heads (10 measuring heads in each set)
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Quick reading system (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))

## DataMet PLUG GAUGES WITH CARBIDE CONTACTS

| Item No   | Range | Depth | Resolution | Move tip | Accuracy | Repeat. | Weight | Heads           | 2D connect | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB |
|-----------|-------|-------|------------|----------|----------|---------|--------|-----------------|------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|
|           | mm    | mm    | mm         | mm       | µm       | µm      | kg     |                 |            |               |         |              |        |         |         |         |       |           |             |             |          |        |          |     |
| 132005908 | 5-10  | 70    | 0.0001     | 1,5      | ±2       | 2       | 0,06   | 10pcs (5-10mm)  | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 132010908 | 10-20 | 70    |            | 2,3      | ±2       | 2       | 0,1    | 10pcs (10-20mm) | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 132020918 | 5-20  | 70    |            |          | ±4       | 2       | 0,1    | 20pcs (5-20mm)  | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |

## MODBUS DataMet PLUG GAUGES WITH CARBIDE CONTACTS

| Item No    | Range | Depth | Resolution | Accuracy | Repeat. | Weight | Heads           | 2D connect | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB | MODBUS RTU | MODBUS ASCII | MODBUS TCP/IP |
|------------|-------|-------|------------|----------|---------|--------|-----------------|------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|------------|--------------|---------------|
|            | mm    | mm    | mm         | µm       | µm      | kg     |                 |            |               |         |              |        |         |         |         |       |           |             |             |          |        |          |     |            |              |               |
| 132005908M | 5-10  | 70    | 0.0001     | ±2       | 2       | 0,06   | 10pcs (5-10mm)  | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | option       | option        |
| 132010908M | 10-20 | 70    |            | ±2       | 2       | 0,1    | 10pcs (10-20mm) | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | option       | option        |
| 132020918M | 5-20  | 70    |            | ±4       | 2       | 0,1    | 20pcs (5-20mm)  | •          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | option       | option        |



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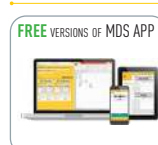


DataMet  
interface

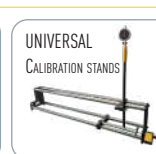


CONNECTION  
possibilities

### DELIVERY SET



### OPTIONAL





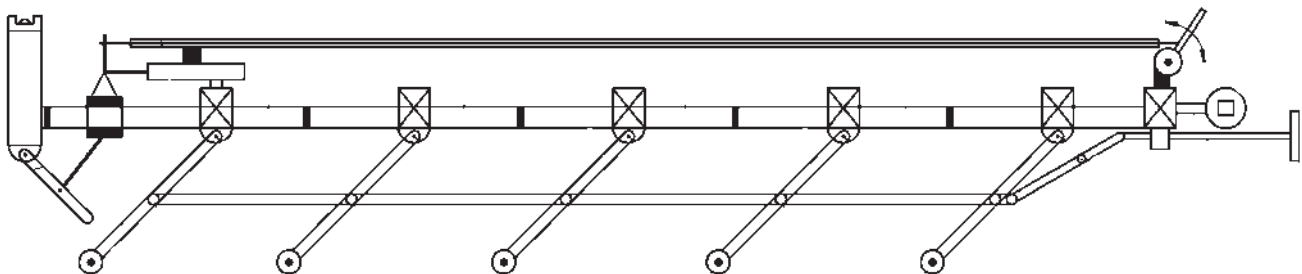


## DATAmet FUNCTIONS

|                                    |                                   |                                       |                                      |                                        |                                              |
|------------------------------------|-----------------------------------|---------------------------------------|--------------------------------------|----------------------------------------|----------------------------------------------|
| <p><b>ANALOG SCALE</b></p>         | <p><b>COLOR GO / NOGO</b></p>     | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>                  | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> |
| <p><b>GRAPHIC MODE 1D/2D</b></p>   | <p><b>MEMORY 2000 values</b></p>  | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p>      | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>                       |
| <p><b>DISPLAY &amp; ENERGY</b></p> | <p><b>RESOLUTION, mm/inch</b></p> | <p><b>WIRELESS to MDS app</b></p>     | <p><b>WIRELESS &amp; USB HID</b></p> | <p><b>HUB mode (2D, Probe)</b></p>     | <p><b>DEVICE INFO, UPDATE</b></p>            |

- Two-point Big depth **DataMet** bore gauges with Carbide contacts. Depth up to 10m with modular construction for easy transportation
- Patents UA103980, UA114974, UA149184
- Optional retractable head and support set
- Modular construction for easy transportation
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No   | Range    | Reso-<br>lution | Depth | Modules |     | Accuracy<br>(Horizontal) | Supports set<br>with rolls | Retractable<br>head | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory             | WIRELESS         | USB                       | CAMERA   |                    |                  |                           |          |
|-----------|----------|-----------------|-------|---------|-----|--------------------------|----------------------------|---------------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------------------|------------------|---------------------------|----------|--------------------|------------------|---------------------------|----------|
|           |          |                 |       | length  | qty |                          |                            |                     |        |         |         |         |       |           |             |             |           |          |                    |                  |                           |          |                    |                  |                           |          |
|           | mm       | mm              | mm    | mm      | pcs | µm                       |                            |                     |        |         |         |         |       |           |             |             |           |          |                    |                  |                           |          |                    |                  |                           |          |
| 131050745 | 35-50    | 0,0001          | 3000  | 1500    | 2   | ±12                      | option                     | option              | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | Folders / 2000 val | Long range / HID | USB HID / Update firmware | optional |                    |                  |                           |          |
| 131160745 | 50-160   |                 | 3000  | 1500    | 2   | ±10                      |                            |                     | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |          |                    |                  |                           |          |
| 131160755 | 85-160   |                 | 5000  | 1700    | 3   | ±12                      |                            |                     | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |          |                    |                  |                           |          |
| 131250745 | 160-250  |                 | 3000  | 1500    | 2   | ±12                      |                            |                     | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |          |                    |                  |                           |          |
| 131250755 |          |                 | 5000  | 1700    | 3   | ±15                      | •                          | •                   | •      | •       | •       | •       | •     | •         | •           | •           |           |          |                    |                  |                           |          |                    |                  |                           |          |
| 131260750 | 105-260  |                 | 5000  | 1700    | 3   | ±28                      | •                          | •                   | •      | •       | •       | •       | •     | •         | •           | •           | •         |          |                    |                  |                           |          |                    |                  |                           |          |
| 131260770 |          |                 | 7000  | 1750    | 4   | ±31                      | •                          | •                   | •      | •       | •       | •       | •     | •         | •           | •           | •         |          |                    |                  |                           |          |                    |                  |                           |          |
| 131260795 |          |                 | 10000 | 2000    | 5   | ±35                      | •                          | •                   | •      | •       | •       | •       | •     | •         | •           | •           | •         |          |                    |                  |                           |          |                    |                  |                           |          |
| 131450745 | 250-450  |                 | 3000  | 1500    | 2   | ±17                      | option                     | option              | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |          | Folders / 2000 val | Long range / HID | USB HID / Update firmware | optional |
| 131450755 |          |                 | 5000  | 1700    | 3   | ±20                      |                            |                     | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |          |                    |                  |                           |          |
| 131450750 |          |                 | 5000  | 1700    | 3   | ±30                      | •                          | •                   | •      | •       | •       | •       | •     | •         | •           | •           | •         |          |                    |                  |                           |          |                    |                  |                           |          |
| 131450770 |          |                 | 7000  | 1750    | 4   | ±33                      | •                          | •                   | •      | •       | •       | •       | •     | •         | •           | •           | •         |          |                    |                  |                           |          |                    |                  |                           |          |
| 131450795 | 400-1000 |                 | 10000 | 2000    | 5   | ±37                      | •                          | •                   | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |          | Folders / 2000 val | Long range / HID | USB HID / Update firmware | optional |
| 131900745 |          |                 | 3000  | 1500    | 2   | ±25                      | option                     | option              | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |          |                    |                  |                           |          |
| 131900755 |          |                 | 5000  | 1700    | 3   | ±30                      |                            |                     | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |          |                    |                  |                           |          |
| 131990750 |          |                 | 5000  | 1700    | 3   | ±35                      | •                          | •                   | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |          |                    |                  |                           |          |
| 131990770 |          |                 | 7000  | 1750    | 4   | ±40                      | •                          | •                   | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |          |                    |                  |                           |          |
| 131990795 |          |                 | 10000 | 2000    | 5   | ±45                      | •                          | •                   | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |          |                    |                  |                           |          |



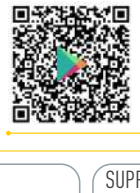
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VIDEO

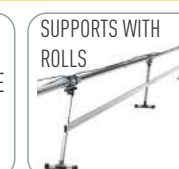
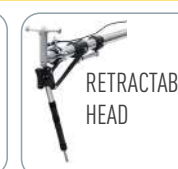
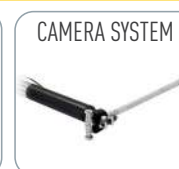


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## DELIVERY SET



## OPTIONAL



- L-shape rod **CertiMet** bore gauge for measuring holes in orthogonal position to the gauge axis
- Digital MICRON indicator with PRESET, HOLD functions and optional USB data transfer
- **Calibration** certificate included (ISO17025 (Ilac MRA))



**PRESET**  
FUNCTION

 **HIGH ACCURACY**  
ITALIAN MECHANICAL SYSTEM

| Item No   | Range   | Resolution | Accuracy | Repeatability | Depth rod |        | Tip travel | Weight | Preset | Hold |
|-----------|---------|------------|----------|---------------|-----------|--------|------------|--------|--------|------|
|           |         |            |          |               | main      | second |            |        |        |      |
|           |         |            |          |               | mm        | mm     |            | kg     |        |      |
| 132064032 | 15-35   | 0,001      | ±4       | ±1            | 200       | 32     | 1,6        | 0,09   | •      | •    |
| 132064062 | 25-60   |            | ±4       |               | 275       | 44     | 2,3        | 0,27   | •      | •    |
| 132064152 | 50-150  |            | ±4       |               | 275       | 45     | 3,3        | 0,3    | •      | •    |
| 132064302 | 100-300 |            | ±5       |               | 375       | 70     | 3,5        | 0,52   | •      | •    |

## DELIVERY SET

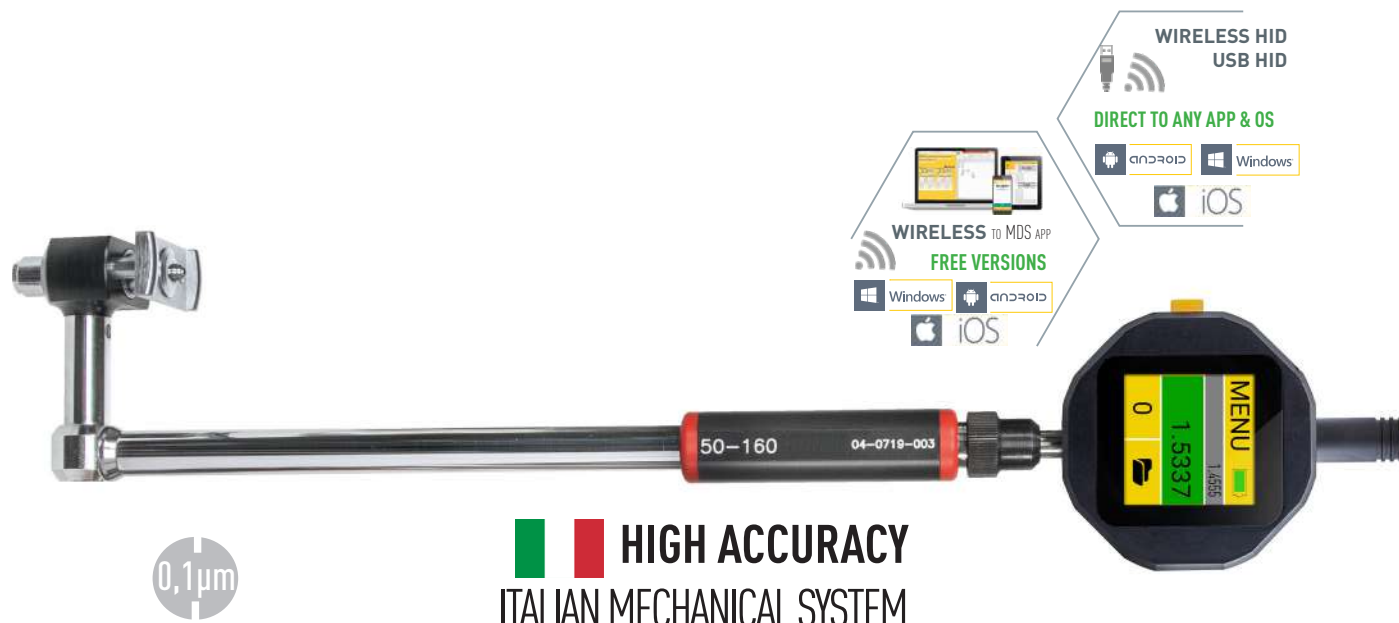


## OPTIONAL

**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE A  
KEYBOARD



- L-shape rod DataMet bore gauge for measuring holes in orthogonal position to the gauge axis
- Multifunctional computerized MICS indication system with 0.1 micron resolution.
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



0,1µm

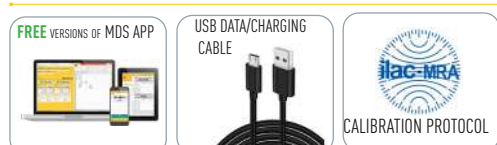
**HIGH ACCURACY**  
ITALIAN MECHANICAL SYSTEM

| Item No   | Range   | Reso-<br>lution | Accur. | Repea-<br>tability | Depth rod |        | Tip<br>travel | Weight | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory | WIRELESS | USB | MODBUS RTU<br><br>option |
|-----------|---------|-----------------|--------|--------------------|-----------|--------|---------------|--------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------|----------|-----|--------------------------|
|           |         |                 |        |                    | main      | second |               |        |        |         |         |         |       |           |             |             |           |          |        |          |     |                          |
|           | mm      | mm              | µm     | µm                 | mm        | mm     | mm            | kg     |        |         |         |         |       |           |             |             |           |          |        |          |     |                          |
| 132064038 | 15-35   | 0,0001          | ±3     | ±1                 | 200       | 32     | 1,6           | 0,09   | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |                          |
| 132064068 | 25-60   |                 | ±3     |                    | 275       | 44     | 2,3           | 0,27   | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        |     |                          |
| 132064158 | 50-150  |                 | ±3     |                    | 275       | 45     | 3,3           | 0,3    | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        |     |                          |
| 132064308 | 100-300 |                 | ±3     |                    | 375       | 70     | 3,5           | 0,52   | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        |     |                          |

## COMPUTERIZED MICS SYSTEM MAIN FUNCTIONS

|                               |                                              |                                    |                                   |                                        |                                      |
|-------------------------------|----------------------------------------------|------------------------------------|-----------------------------------|----------------------------------------|--------------------------------------|
| <p><b>COLOR GO / NOGO</b></p> | <p><b>COLOR MAX / MIN / RANGE</b></p>        | <p><b>MEMORY 1000 values</b></p>   | <p><b>MEMORY STATISTICS</b></p>   | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>DEVICE INFO, UPDATE</b></p>    |
| <p><b>TIMER</b></p>           | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> | <p><b>DISPLAY &amp; ENERGY</b></p> | <p><b>RESOLUTION, mm/inch</b></p> | <p><b>WIRELESS to MDS app</b></p>      | <p><b>WIRELESS &amp; USB HID</b></p> |

### DELIVERY SET



### OPTIONAL



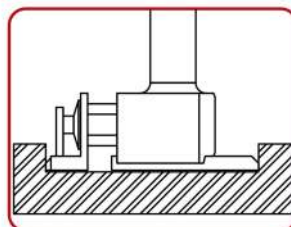


- **CertiMet** Bore gauge for measuring minimum distance from the bottom
- Digital MICRON indicator with PRESET, HOLD functions and optional USB data transfer
- **Calibration** certificate included (ISO17025 (Ilac MRA))

**PRESET**  
FUNCTION



 **HIGH ACCURACY**  
ITALIAN MECHANICAL SYSTEM



| Item No   | Range   | Resolution | Accuracy | Repeatability | Depth | Base width | Distance from bottom | Tip travel | Weight | Preset | Hold |
|-----------|---------|------------|----------|---------------|-------|------------|----------------------|------------|--------|--------|------|
|           | mm      | mm         | µm       | µm            | mm    | mm         | mm                   | mm         | kg     |        |      |
| 132065032 | 15-35   | 0,001      | ±4       | ±1            | 90    | 11,5       | 1,5                  | 1,4        | 0,08   | •      | •    |
| 132065062 | 25-60   |            | ±4       |               | 130   | 18         | 2                    | 1,6        | 0,1    | •      | •    |
| 132065152 | 50-150  |            | ±4       |               | 150   | 38         | 1,5                  | 2,5        | 0,2    | •      | •    |
| 132065302 | 100-300 |            | ±5       |               | 230   | 66         | 1,5                  | 3,3        | 0,4    | •      | •    |

## DELIVERY SET



## OPTIONAL

**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE A  
KEYBOARD

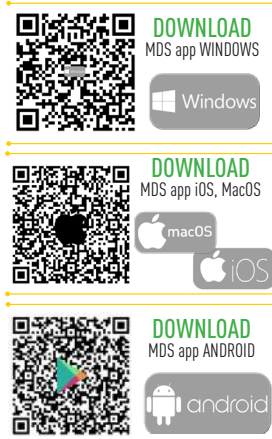
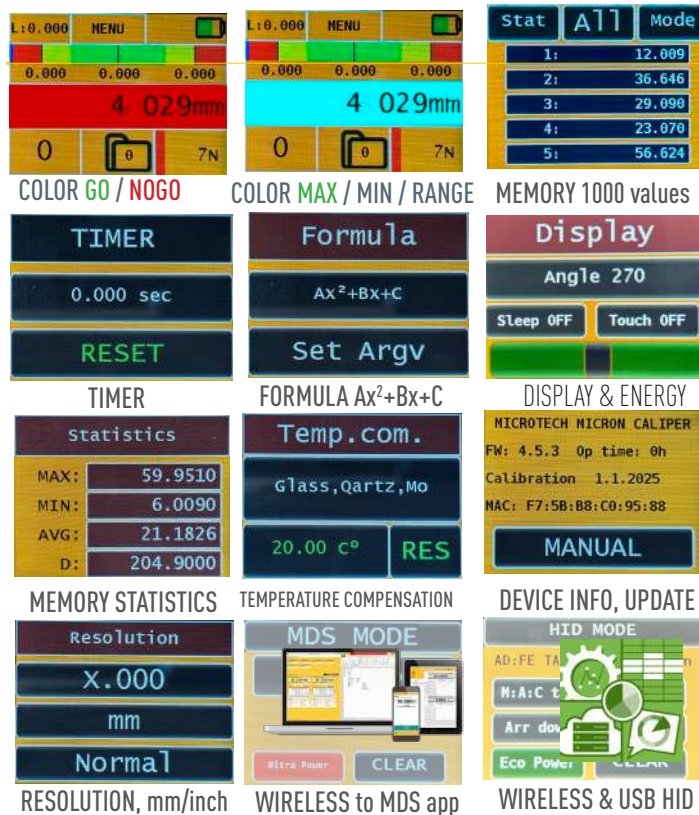
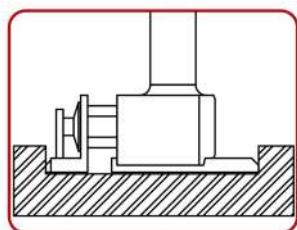


- **DataMet** Bore gauge for measuring minimum distance from the bottom
- Multifunctional computerized **MICS** indication system with 0.1 micron resolution.
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



**HIGH ACCURACY**  
**ITALIAN MECHANICAL SYSTEM**

0,1µm



| Item No   | Range   | Resolution | Accur. | Repeatability | Depth | Base width | Distance from bottom | Tip travel | Weight | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory | WIRELESS | USB | MODBUS RTU |
|-----------|---------|------------|--------|---------------|-------|------------|----------------------|------------|--------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------|----------|-----|------------|
|           | mm      | mm         | µm     | µm            | mm    | mm         | mm                   | mm         | kg     |        |         |         |         |       |           |             |             |           |          |        |          |     |            |
| 132065038 | 15-35   | 0,0001     | ±3     | ±1            | 90    | 11,5       | 1,5                  | 1,4        | 0,25   | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   | option     |
| 132065068 | 25-60   |            | ±3     |               | 130   | 18         | 2                    | 1,6        | 0,4    | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |            |
| 132065158 | 50-150  |            | ±3     |               | 150   | 38         | 1,5                  | 2,5        | 0,55   | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |            |
| 132065308 | 100-300 |            | ±3     |               | 230   | 66         | 1,5                  | 3,3        | 0,77   | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |            |

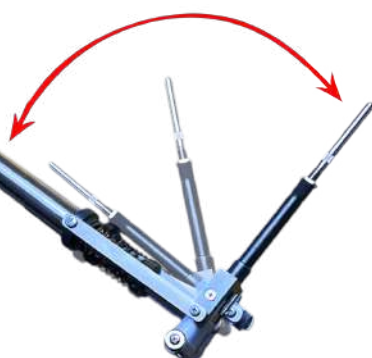
## DELIVERY SET



## OPTIONAL

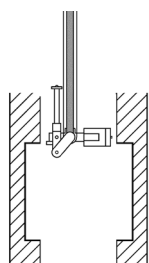


- Retractable construction of measuring part for block bores, grooves and recesses
- For the determination of internal diameters, where a smaller bore lying in front of this diameter, has to be passed
- Patents UA147920, UA150454, UA99686
- Digital MICRON indicator with PRESET, HOLD functions and optional USB data transfer
- Calibration certificate included (ISO17025 (Ilac MRA))

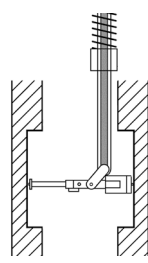


**PRESET**  
FUNCTION

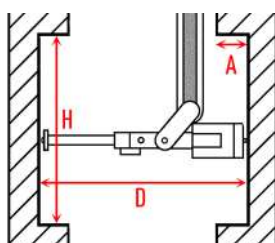
1µm



**INSERT**



**MEASURE**



**CUSTOM RANGE AND DEPTH FOR REQUEST**

| Item No*  | Range D  | Reso-<br>lution | Max<br>A | Min H     | MaxH | Accuracy |
|-----------|----------|-----------------|----------|-----------|------|----------|
|           | mm       | mm              | mm       | mm        | mm   | µm       |
| 139160800 | 70-160   | 0,001           | 20       | D-30      | 150  | ±15      |
| 139160811 |          |                 |          |           | 1000 | ±25      |
| 139160822 |          |                 |          |           | 2000 | ±30      |
| 139160833 |          |                 |          |           | 3000 | ±35      |
| 139250800 | 160-250  |                 |          |           | 150  | ±15      |
| 139250811 |          |                 |          |           | 1000 | ±25      |
| 139250822 |          |                 |          |           | 2000 | ±30      |
| 139250833 |          |                 |          |           | 3000 | ±35      |
| 139450800 | 250-450  |                 | 150      | ±15       |      |          |
| 139450811 |          |                 | 1000     | ±25       |      |          |
| 139450822 |          |                 | 2000     | ±30       |      |          |
| 139450833 |          |                 | 3000     | ±35       |      |          |
| 139550800 | 250-550  |                 | 60       | 100+0,3*D | 380  | ±25      |
| 139780800 | 480-780  |                 |          |           | 400  | ±30      |
| 139910800 | 720-1020 |                 |          |           | 400  | ±35      |



**VIDEO**

## DELIVERY SET



## OPTIONAL

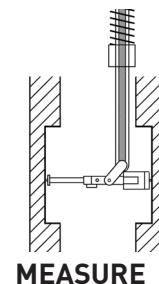
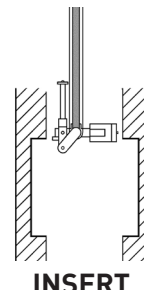
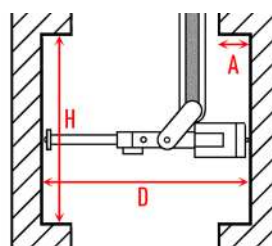
**141083000** USB HID DATA  
TRANSFER CABLE 2.5M  
DIRECT DATA TRANSFER, LIKE  
A KEYBOARD



- Retractable construction of measuring part for block bores, grooves and recesses
- For the determination of internal diameters, where a smaller bore lying in front of this diameter, has to be passed
- Patents UA147920, UA150454, UA99686
- Computerized MICS indication system
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



0,1µm



CUSTOM RANGE AND DEPTH FOR REQUEST

| Item No   | Range D  | Reso-<br>lution | Max<br>A | Min H     | Max<br>H | Accu-<br>racy | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory             | WIRELESS         | USB                       | MODBUS RTU |   |   |  |  |
|-----------|----------|-----------------|----------|-----------|----------|---------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------------------|------------------|---------------------------|------------|---|---|--|--|
|           | mm       | mm              | mm       | mm        | mm       | µm            |        |         |         |         |       |           |             |             |           |          |                    |                  |                           |            |   |   |  |  |
| 139160700 | 70-160   | 0,0001          | 20       | D-30      | 150      | ±12           | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | Folders / 2000 val | Long range / HID | USB HID / Update firmware | option     |   |   |  |  |
| 139160711 |          |                 |          |           | 1000     | ±20           | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |            |   |   |  |  |
| 139160722 |          |                 |          |           | 2000     | ±25           | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |            |   |   |  |  |
| 139160733 |          |                 |          |           | 3000     | ±30           | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |            |   |   |  |  |
| 139250700 | 160-250  |                 |          |           | 150      | ±12           | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |            | • |   |  |  |
| 139250711 |          |                 |          |           | 1000     | ±20           | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |            |   |   |  |  |
| 139250722 |          |                 |          |           | 2000     | ±25           | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |            |   |   |  |  |
| 139250733 |          |                 |          |           | 3000     | ±30           | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |            |   |   |  |  |
| 139450700 | 250-450  |                 |          |           | 150      | ±12           | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |            | • | • |  |  |
| 139450711 |          |                 |          |           | 1000     | ±20           | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |            | • |   |  |  |
| 139450722 |          |                 |          |           | 2000     | ±25           | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |            | • |   |  |  |
| 139450733 |          |                 |          |           | 3000     | ±30           | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |            | • |   |  |  |
| 139550700 | 250-550  |                 | 60       | 100+0,3*D | 380      | ±20           | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |            |   |   |  |  |
| 139780700 | 480-780  |                 |          |           | 400      | ±25           | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |            |   |   |  |  |
| 139910700 | 720-1020 |                 |          |           | 400      | ±30           | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                           |            |   |   |  |  |



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## DELIVERY SET



## OPTIONAL

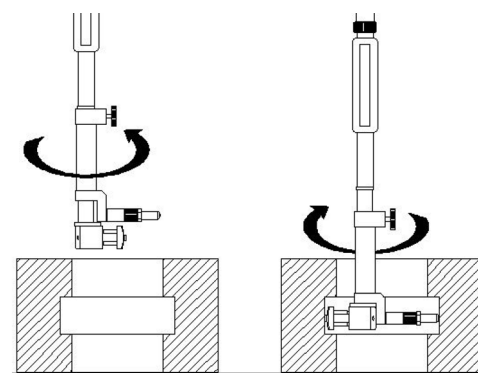




- **Rotating** construction of measuring part for block bores, grooves and recesses
- For the determination of internal diameters, where a smaller bore lying in front of this diameter, has to be passed
- Computerized **MICS** indication system
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



0,1µm



**HIGH ACCURACY**  
ITALIAN MECHANICAL SYSTEM

| Item No    | Range D | Resolution | Min entry D | Retraction | Max H | Accuracy | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory | WIRELESS | USB | MODBUS RTU |
|------------|---------|------------|-------------|------------|-------|----------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------|----------|-----|------------|
|            | mm      | mm         | mm          | mm         | mm    | µm       |        |         |         |         |       |           |             |             |           |          |        |          |     |            |
| 139169708  | 50-160  | 0,0001     | 50          | 20         | 90    | ±6       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   | •          |
| 139309708  | 100-300 |            | 75          | 35         | 130   | ±8       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   | •          |
| 139169708M | 50-160  | 0,0001     | 50          | 20         | 90    | ±6       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   | •          |
| 139309708M | 100-300 |            | 75          | 35         | 130   | ±8       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   | •          |



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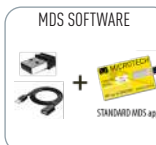
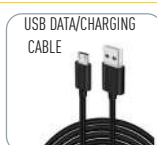
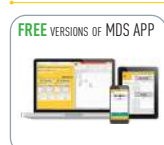


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## DELIVERY SET



## OPTIONAL

- Measuring holes, bearing seats, bores on line bearing machine
- Two-points self centering measuring of parts with central hub
- Bar with mm scale marking
- Multifunctional computerized **MICS** indication system with 0.1 micron resolution.
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



0,1µm

**HIGH ACCURACY**  
ITALIAN MECHANICAL SYSTEM



| Item No   | Range   | Reso-<br>lution | Accur. | Repeat | Depth | Weight | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory | WIRELESS | USB | MODBUS RTU |
|-----------|---------|-----------------|--------|--------|-------|--------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------|----------|-----|------------|
|           | mm      | mm              | µm     | µm     | mm    | kg     |        |         |         |         |       |           |             |             |           |          |        |          |     |            |
| 132062068 | 20-60   | 0,0001          | ±3     | ±1     | 12    | 0,25   | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   | option     |
| 132062108 | 35-100  |                 | ±3     |        | 17.5  | 0,4    | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |            |
| 132062158 | 70-150  |                 | ±3     |        | 30    | 0,55   | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |            |
| 132062288 | 120-280 |                 | ±4     |        | 30    | 0,77   | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |            |
| 132062608 | 200-600 |                 | ±5     |        | 30    | 0,95   | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |            |



DataMet  
interface



CONNECTION  
possibilities



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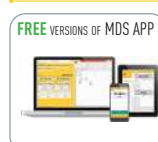
macOS  
iOS



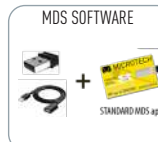
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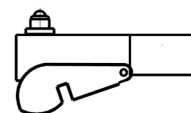
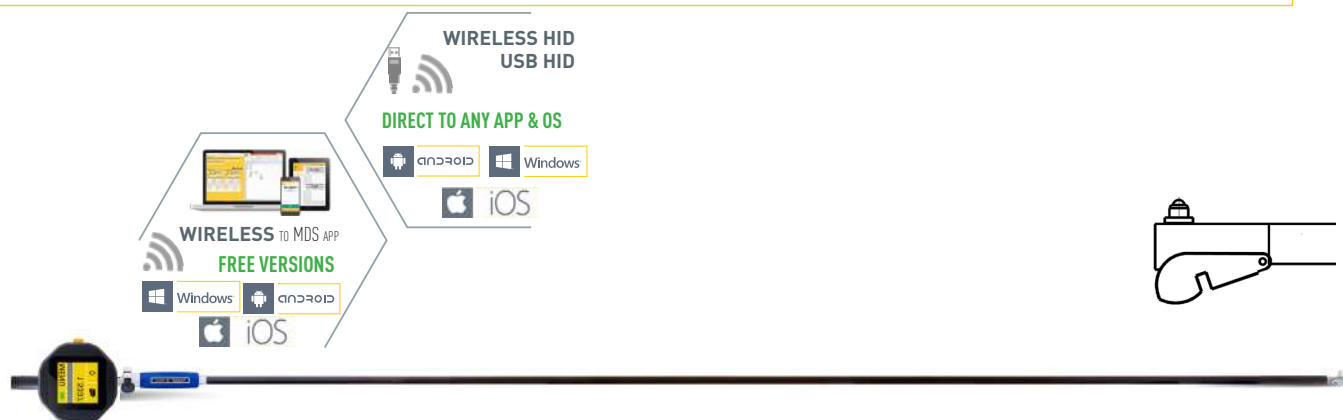
## DELIVERY SET



## OPTIONAL



- Two-point Shotgun bore gauges for different calibers with depth 760mm
- Carbide tipped measuring pins
- Computerized MICS indication system
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



| Item No   | Range   |           |        | Resolution | Max Depth | Accuracy | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS                                          | USB |
|-----------|---------|-----------|--------|------------|-----------|----------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|---------------------------------------------------|-----|
|           | Caliber | mm        | inch   |            |           |          |        |         |         |         |       |           |             |             |          |        |                                                   |     |
| 138070007 | 0.410   | 10.2-10,6 | 0,410" | 0,0001     | 760       | ±12      | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | Folders / 2000 val<br>Long range / HID<br>USB HID |     |
| 138028007 | 28      | 13,8-14,2 | 0,551" |            |           | ±12      | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      |                                                   |     |
| 138024007 | 24      | 14,7-15,1 | 0,587" |            |           | ±12      | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      |                                                   |     |
| 138020007 | 20      | 15,7-16,1 | 0,626" |            |           | ±12      | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      |                                                   |     |
| 138016007 | 16      | 16,8-17,2 | 0,669" |            |           | ±12      | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      |                                                   |     |
| 138012007 | 12      | 18,2-18,6 | 0,724" |            |           | ±12      | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      |                                                   |     |
| 138010007 | 10      | 19,7-20,1 | 0,775" |            |           | ±12      | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      |                                                   |     |
| 138004007 | 4       | 26,2-26,6 | 1,039" |            |           | ±12      | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      |                                                   |     |



DataMet interface



CONNECTION possibilities



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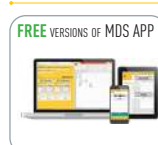
macOS  
iOS



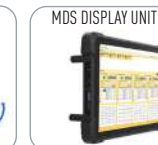
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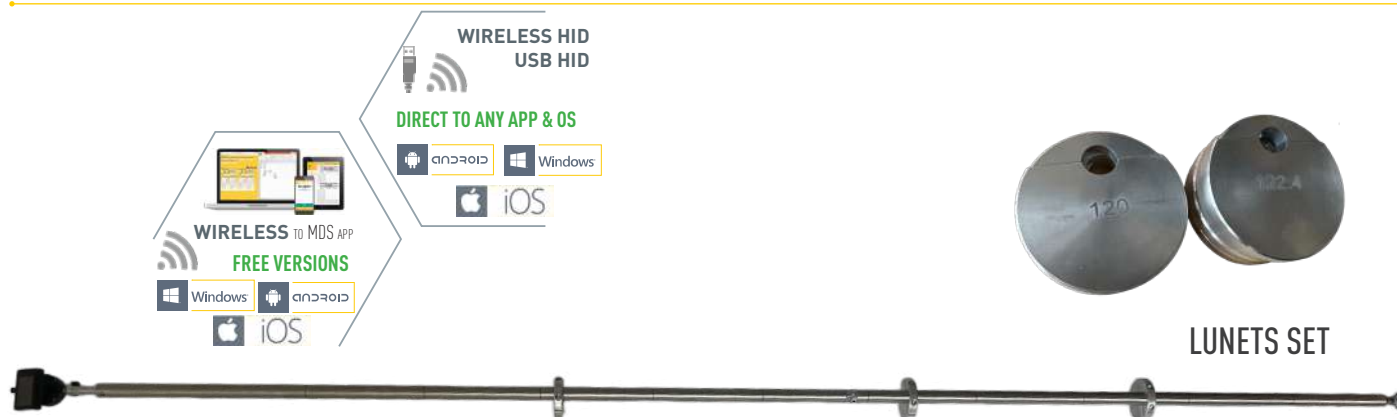
## DELIVERY SET



## OPTIONAL



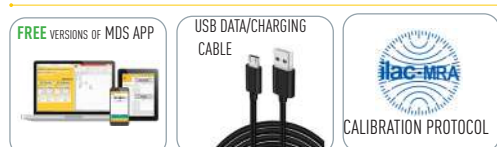
- Two-point Big barrel bore gauges for different calibers with depth up to 3m
- Carbide tipped measuring pins
- Can be supplied with Lunets set
- Computerized **MICS** indication system
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



| Item No   | Range   |             | Resolution | Max Depth | Lunet set | Depth scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory             | WIRELESS         | USB     |
|-----------|---------|-------------|------------|-----------|-----------|-------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------------------|------------------|---------|
|           | Caliber | mm          |            |           |           |             |        |         |         |         |       |           |             |             |          |                    |                  |         |
| 138006007 | 60      | 59,3-60,7   | 0,0001     | 1200      | option    | 50          | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val | Long range / HID | USB HID |
| 138008007 | 80      | 79,3-80,7   |            |           |           |             | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 138008107 | 81      | 80,3-81,7   |            |           |           |             | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 138008207 | 82      | 81,3-82,7   |            |           |           |             | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 138012107 | 120     | 119,3-120,7 |            | 2000      | 3         | 200         | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |
| 138012207 | 122.4   | 122-123,6   |            |           |           |             | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |         |



## DELIVERY SET



## OPTIONAL







## DATAmet FUNCTIONS

|                                    |                                   |                                       |                                      |                                        |                                   |
|------------------------------------|-----------------------------------|---------------------------------------|--------------------------------------|----------------------------------------|-----------------------------------|
| <p><b>ANALOG SCALE</b></p>         | <p><b>COLOR GO / NOGO</b></p>     | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>                  | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>Formula</b></p>             |
| <p><b>GRAPHIC MODE 1D/2D</b></p>   | <p><b>MEMORY 2000 values</b></p>  | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p>      | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>            |
| <p><b>DISPLAY &amp; ENERGY</b></p> | <p><b>RESOLUTION, mm/inch</b></p> | <p><b>WIRELESS to MDS app</b></p>     | <p><b>WIRELESS &amp; USB HID</b></p> | <p><b>HUB mode (2D, Probe)</b></p>     | <p><b>DEVICE INFO, UPDATE</b></p> |

- Radius gauges and Radius gauges SET for **External & Internal** measurings up to **15m**
- Straight indication RADIUS value on display (no re-calculation needed)
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode,
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

## DataMet RADIUS GAUGES

| Item No    | Radius    |          | Type                   | Resol. | Accu-<br>racy | Base | Indica-<br>tor<br>range | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Memory | WIRELESS | IISR |
|------------|-----------|----------|------------------------|--------|---------------|------|-------------------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|--------|----------|------|
|            | Range     |          |                        |        |               |      |                         |               |         |              |        |         |         |         |       |           |             |             |        |          |      |
|            | mm        | inch     |                        |        |               |      |                         |               |         |              |        |         |         |         |       |           |             |             |        |          |      |
| 1250511017 | 5-60      | 0,2-1,2" | internal &<br>external | 1      | 0,4-1         | 10   | 13                      | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •      | •        | •    |
| 1250511007 | 40-1000   | 2-48"    |                        |        |               | 40   |                         | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •      | •        | •    |
| 1250511117 | 250-7500  | 10-300"  |                        |        |               | 200  | 50                      | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •      | •        | •    |
| 1250511127 | 500-15000 | 20-600"  |                        |        |               | 300  |                         | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •      | •        | •    |

## DataMet RADIUS GAUGES SET

| Item No    | Radius   |          | Type                | Resol. | Accu-<br>racy | Base             | Indica-<br>tor<br>range | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Memory | WIRELESS | USB |
|------------|----------|----------|---------------------|--------|---------------|------------------|-------------------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|--------|----------|-----|
|            | Range    |          |                     |        |               |                  |                         |               |         |              |        |         |         |         |       |           |             |        |          |     |
|            | mm       | inch     |                     |        |               |                  |                         |               |         |              |        |         |         |         |       |           |             |        |          |     |
| 1250512007 | 5-1500   | 0,2-80"  | internal & external | 1      | 0,4-1         | 10,30,60,100     | 13                      | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •      | •        | •   |
| 1250513007 | 5-4000   | 0,2-160" |                     |        |               | 10,30,60,100,200 |                         | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •      | •        | •   |
| 1250515007 | 40-7500  | 2-300"   |                     |        |               | 40, 200          | 50                      | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •      | •        | •   |
| 1250516007 | 40-15000 | 2-600"   |                     |        |               | 40, 300          |                         | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •      | •        | •   |
| 1250517007 | 5-15000  | 0,2-600" |                     |        |               | 10, 40, 300      |                         | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •      | •        | •   |

## MODBUS DataMet RADIUS GAUGES

| Item No     | Radius    |          | Type                   | Resol. | Accu-<br>racy | Base | Indica-<br>tor<br>range | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Memory | WIRELESS | USB | MODBUS RTU | MODBUS ASCII | MODBUS TCP/IP |   |
|-------------|-----------|----------|------------------------|--------|---------------|------|-------------------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|--------|----------|-----|------------|--------------|---------------|---|
|             | Range     |          |                        |        |               |      |                         |               |         |              |        |         |         |         |       |           |             |             |        |          |     |            |              |               |   |
|             | mm        | inch     |                        |        |               |      |                         |               |         |              |        |         |         |         |       |           |             |             |        |          |     |            |              |               |   |
| 1250511017M | 5-60      | 0,2-1,2" | internal &<br>external | 1      | 0,4-1         | 10   | 13                      | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •      | •        | •   | •          | option       | option        |   |
| 1250511007M | 40-1000   | 2-48"    |                        |        |               | 40   | •                       | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •      | •        | •   | •          |              |               | • |
| 1250511117M | 250-7500  | 10-300"  |                        |        |               | 200  | •                       | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •      | •        | •   | •          |              |               | • |
| 1250511127M | 500-15000 | 20-600"  |                        |        |               | 300  | •                       | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •      | •        | •   | •          |              |               | • |

## DELIVERY SET

## OPTIONAL

- Sphere radius gauges for external & internal measurements
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode,
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



| Item No    | Radius   |        | Type   | Resol.  | Accu-<br>racy | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Memory | WIRELESS | USB |
|------------|----------|--------|--------|---------|---------------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|--------|----------|-----|
|            | Range    |        |        |         |               |               |         |              |        |         |         |         |       |           |             |             |           |        |          |     |
|            | mm       | inch   |        |         |               |               |         |              |        |         |         |         |       |           |             |             |           |        |          |     |
| 1250711206 | 320-1250 | 13-30" | sphere | 1<br>μm | 1<br>%        | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •      | •        | •   |



DOWNLOAD  
MDS app WINDOWS



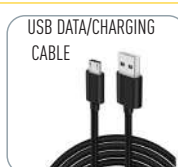
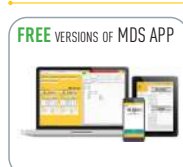
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MDS app iOS, MacOS



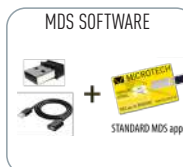
DOWNLOAD  
MDS app ANDROID



## DELIVERY SET



## OPTIONAL





- **WIDE RANGE** Radius gauges for external measurements up to 32m
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode,
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (ILAC MRA))



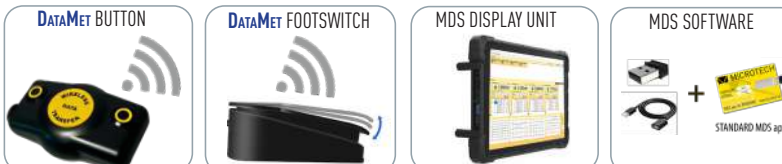
| Item No    | Radius    |          | Type     | Reso-<br>lution | Base<br>length | Accuracy | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory | WIRELESS           | USB              |                  |   |
|------------|-----------|----------|----------|-----------------|----------------|----------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------|--------------------|------------------|------------------|---|
|            | Range     |          |          |                 |                |          |               |         |              |        |         |         |         |       |           |             |             |           |          |        |                    |                  |                  |   |
|            | mm        | inch     |          |                 |                |          |               |         |              |        |         |         |         |       |           |             |             |           |          |        |                    |                  |                  |   |
| 1250530256 | 60-2550   | 2.5-100" | external | 1               | 600            | 0,1%     | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | Folders / 2000 val | Long range / HUD | USB HUD / Update |   |
| 1250531156 | 100-11200 | 4-450"   |          |                 | 1200           |          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      |                    |                  |                  | • |
| 1250533356 | 200-32200 | 8-1290"  |          |                 | 2000           |          | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      |                    |                  |                  | • |



## DELIVERY SET



## OPTIONAL





- **CertiMet** digital protractor 0-360° with 0.005° resolution and fine adjustment
- Bases 150 and 300mm
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No   | Range  | Resolution |            |      |     | Accuracy   | Fine adj. | Base     |
|-----------|--------|------------|------------|------|-----|------------|-----------|----------|
|           |        | grad       | sec of arc | grad | rad | min of arc |           |          |
| 151136051 | 0-360° | 1/6' (10") | 0.005°     | -    | -   | ±4'        | •         | 150, 300 |

## DELIVERY SET



- **DataMet** Computerized Protractor 0-360° with **MICS** indication system and fine adjustment
- Bases 150 and 300mm
- **Min Resolution 0.005°** (0,01/0,1mm selection)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 1000 values, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **MODBUS ASCII, MODBUS TCP/IP** for request
- **Calibration** certificate included (ISO17025 (Ilac MRA))



| Item No    | Range  | Resolution |            |        |     | Accuracy   | Fine adj. | Base     | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB | MODBUS RTU | MODBUS ASCII | MODBUS TCP/IP |
|------------|--------|------------|------------|--------|-----|------------|-----------|----------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|------------|--------------|---------------|
|            |        | grad       | sec of arc | grad   | rad | min of arc |           |          |        |         |         |         |       |           |             |             |          |        |          |     |            |              |               |
| 151136055  | 0-360° | 1/12" (5") | 0.005°     | 0.0001 | ±3' | •          | •         | 150, 300 | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | •            | •             |
| 151136055M | 0-360° | 1/12" (5") | 0.005°     | 0.0001 | ±3' | •          | •         | 150, 300 | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | 0            | 0             |

DataMet interface

CONNECTION possibilities

MODBUS protocol

VIDEO

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

## DELIVERY SET

FREE VERSIONS OF MDS APP

USB DATA/CHARGING CABLE

CALIBRATION PROTOCOL

## OPTIONAL

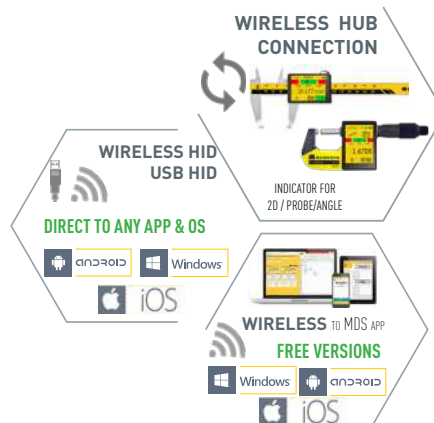
DataMet BUTTON

DataMet FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

TABLET MULTIFUNCTIONAL **MICS**  
2.4" TOUCHSCREEN DISPLAY



OPTIONAL MODBUS ASCII, MODBUS TCP/IP



## DATA MET FUNCTIONS

|                                    |                                   |                                       |                                      |                                        |                                              |
|------------------------------------|-----------------------------------|---------------------------------------|--------------------------------------|----------------------------------------|----------------------------------------------|
| <p><b>ANALOG SCALE</b></p>         | <p><b>COLOR GO / NOGO</b></p>     | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>                  | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> |
| <p><b>GRAPHIC MODE 1D/2D</b></p>   | <p><b>MEMORY 2000 values</b></p>  | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p>      | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>                       |
| <p><b>DISPLAY &amp; ENERGY</b></p> | <p><b>RESOLUTION, mm/inch</b></p> | <p><b>WIRELESS to MDS app</b></p>     | <p><b>WIRELESS &amp; USB HID</b></p> | <p><b>HUB mode (2D, Probe)</b></p>     | <p><b>DEVICE INFO, UPDATE</b></p>            |

- **DataMet** Computerized level with **MICS** indication system with 2,4" color Touchscreen
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **MODBUS ASCII, MODBUS TCP/IP** for request
- **Calibration** certificate included (ISO17025 (Ilac MRA))

## DataMet HORIZONTAL LEVEL

| Item No   | Axis | Base |          | Range |         | Resolution |        | Flat-ness | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB |
|-----------|------|------|----------|-------|---------|------------|--------|-----------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|
|           |      | Size | material |       |         |            |        |           |               |         |              |        |         |         |         |       |           |             |             |          |        |          |     |
|           |      | mm   |          | mm/m  | grad    | mm/m       | grad   | mm/m      |               |         |              |        |         |         |         |       |           |             |             |          |        |          |     |
| 152110020 | 2    | 200  | steel    | ± 1   | ±45,00° | 0.05       | 0.005° | 0.005     | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 152110030 |      | 300  |          |       |         |            |        |           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |

## MODBUS DataMet HORIZONTAL LEVEL

| Item No    | Axis | Base |          | Range |         | Resolution |        | Flat-ness | Measuring HUB | Graphic | Analog scale | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB | MODBUS RTU | MODBUS ASCII | MODBUS TCP/IP |
|------------|------|------|----------|-------|---------|------------|--------|-----------|---------------|---------|--------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|------------|--------------|---------------|
|            |      | Size | material |       |         |            |        |           |               |         |              |        |         |         |         |       |           |             |             |          |        |          |     |            |              |               |
|            |      | mm   |          | mm/m  | grad    | mm/m       | grad   | mm/m      |               |         |              |        |         |         |         |       |           |             |             |          |        |          |     |            |              |               |
| 152110020M | 2    | 200  | steel    | ± 1   | ±45,00° | 0.05       | 0.005° | 0.005     | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | option       | option        |
| 152110030M |      | 300  |          |       |         |            |        |           | •             | •       | •            | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   | •          | option       | option        |



DataMet interface

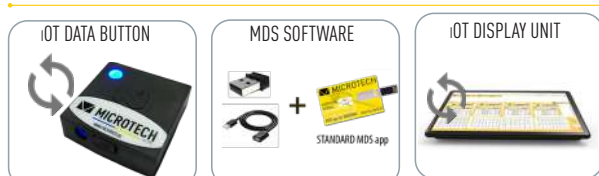


CONNECTION possibilities

## DELIVERY SET

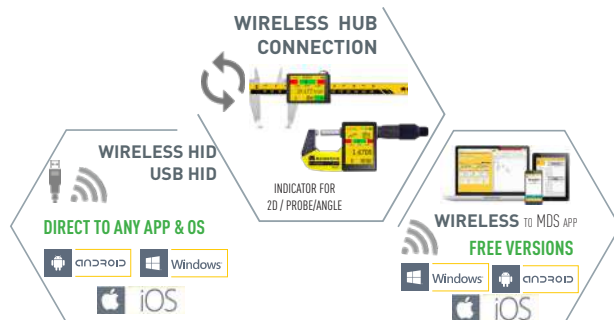


## OPTIONAL





TABLET MULTIFUNCTIONAL **MICS**  
2.4" TOUCHSCREEN DISPLAY

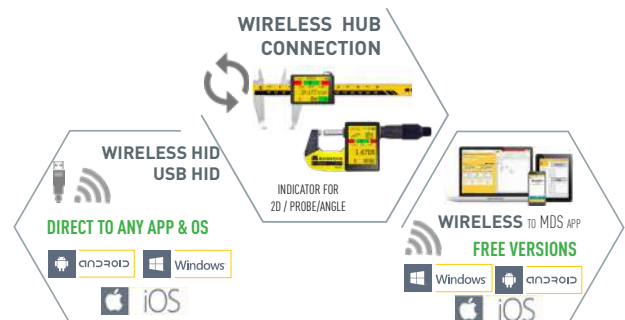


0,1µm

**CONTACT Z-AXIS DataMet** INDICATOR



TABLET MULTIFUNCTIONAL **MICS**  
2.4" TOUCHSCREEN DISPLAY



**NON CONTACT Z-AXIS RED LASER**



**CUSTOM RANGE FOR REQUEST**

## 2D LASER MACRO-PROFILE DataMet STAND

- 2D Macro-Profile computerized stand
- CONTACT and NON-CONTACT RED LASER modifications
- Different ranges and modifications for customers request
- Computerized **MICS** indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))

## 2D MACRO-PROFILE DataMet STAND

| Item No  | Axis | Range  |      | Resolution |        | Accuracy |        | Weight | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory         | WIRELESS   | IISR       |
|----------|------|--------|------|------------|--------|----------|--------|--------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|----------------|------------|------------|
|          |      | X      | Z    | X          | Z      | X        | Z      |        |        |         |         |         |       |           |             |             |          |                |            |            |
|          |      | mm     | mm   | mm         | mm     | mm       | mm     |        |        |         |         |         |       |           |             |             |          |                |            |            |
| 27720900 | 2D   | 0-900  | 0-12 | 0,01       | 0.0001 |          | ±0,002 | 7.0    | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●        | Folders / 2000 | Long range | IISR HID / |
| 27721800 | 2D   | 0-1800 | 0-12 | 0,01       |        |          | ±0,002 | 11.5   | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●        |                |            |            |
| 27722800 | 2D   | 0-2800 | 0-25 | 0,01       |        |          | ±0,004 | 20.5   | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●        |                |            |            |
| 27723800 | 2D   | 0-3800 | 0-50 | 0,01       |        |          | ±0,006 | 24.5   | ●      | ●       | ●       | ●       | ●     | ●         | ●           | ●           | ●        |                |            |            |

## 2D LASER MACRO-PROFILE DataMet STAND

| Item No  | Axis | Range  |      | Resolution |       | Accuracy |    | Weight | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory             | WIRELESS         | USB              |
|----------|------|--------|------|------------|-------|----------|----|--------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------------------|------------------|------------------|
|          |      | X      | Z    | X          | Z     | X        | Z  |        |        |         |         |         |       |           |             |             |          |                    |                  |                  |
|          |      | mm     | mm   | mm         | mm    | mm       | mm |        |        |         |         |         |       |           |             |             |          |                    |                  |                  |
| 27720907 | 2D   | 0-900  | 0-8  | 0,01       | 0.001 | ±0,030   |    | 7.0    | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val | Long range / HID | USB HID / Update |
| 27720908 | 2D   |        | 0-40 |            | 0.001 |          |    | 7.2    | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 27721807 | 2D   | 0-1800 | 0-8  |            | 0.001 | ±0,060   |    | 11.5   | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 27721808 | 2D   |        | 0-40 |            | 0.001 |          |    | 11.7   | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 27722807 | 2D   | 0-2800 | 0-8  |            | 0.001 | ±0,100   |    | 20.5   | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 27722808 | 2D   |        | 0-40 |            | 0.001 |          |    | 20.7   | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 27723807 | 2D   | 0-3800 | 0-8  |            | 0.001 | ±0,160   |    | 24.5   | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 27723808 | 2D   |        | 0-40 |            | 0.001 |          |    | 25     | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |



DataMet  
interface



CONNECTION  
possibilities



VIDEO



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MDS app WINDOWS

Windows



DOWNLOAD  
MDS app iOS, MacOS

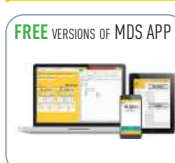
macOS  
iOS



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MDS app ANDROID

android

## DELIVERY SET



## OPTIONAL

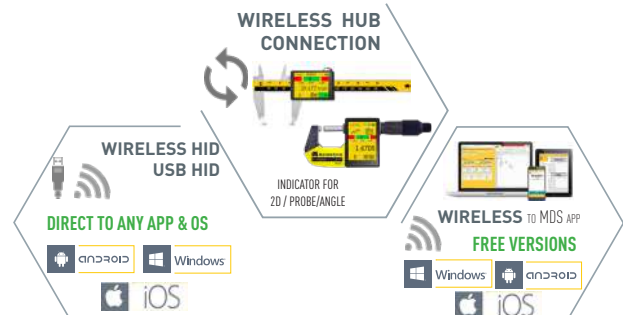


- Pipe straightness control stand
- Different ranges and modifications for customers request
- Computerized **MICS** indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))



PAT.UA521681  
PAT.UA140992

**CUSTOM RANGE FOR REQUEST**



| Item No  | Axis | Range  |      | Resolution | Accuracy |        | Weight | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB |
|----------|------|--------|------|------------|----------|--------|--------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|
|          |      | X      | Z    |            | X        | Z      |        |        |         |         |         |       |           |             |             |          |        |          |     |
|          |      | mm     | mm   |            | mm       | mm     |        |        |         |         |         |       |           |             |             |          |        |          |     |
| 27520900 | 2D   | 0-900  | 0-12 | 0,0001     | ±0,040   | ±0,002 | 10     | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 27521100 |      | 0-1100 |      |            | ±0,050   | ±0,002 | 12     | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 27521800 |      | 0-1800 |      |            | ±0,080   | ±0,002 | 15     | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 27522100 |      | 0-2100 |      |            | ±0,090   | ±0,002 | 19     | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 27522800 |      | 0-2800 |      |            | ±0,120   | ±0,002 | 35     | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 27523100 |      | 0-3100 |      |            | ±0,130   | ±0,002 | 39     | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |
| 27523800 |      | 0-3800 |      |            | ±0,170   | ±0,002 | 51     | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |



DataMet  
interface



CONNECTION  
possibilities

## DELIVERY SET



## OPTIONAL



- Manual bottle form control stand
- Different modifications for customers request
- Computerized **MICS** indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- Calibration certificate included (ISO17025 (Ilac MRA))



0,1µm

CUSTOM RANGE FOR REQUEST



| Item No   | Range  | Max bottle height | Resolution | Accuracy | Rotary fixture | Quick clamp | Control     |                  | Data output   |
|-----------|--------|-------------------|------------|----------|----------------|-------------|-------------|------------------|---------------|
|           | mm     | mm                | mm         | mm       |                |             | Parallelism | Perpendicularity |               |
| 254910000 | 20-100 | 310               | 0,0001     | ±0,040   | •              | •           | •           | •                | WIRELESS +USB |



DataMet interface



CONNECTION possibilities



DOWNLOAD MDS app WINDOWS

Windows



DOWNLOAD MDS app iOS, MacOS

macOS iOS



DOWNLOAD MDS app ANDROID

android

## DELIVERY SET

FREE VERSIONS OF MDS APP



USB DATA/CHARGING CABLE



CALIBRATION PROTOCOL

## OPTIONAL

DATAmet BUTTON



DATAmet FOOTSWITCH



MDS DISPLAY UNIT

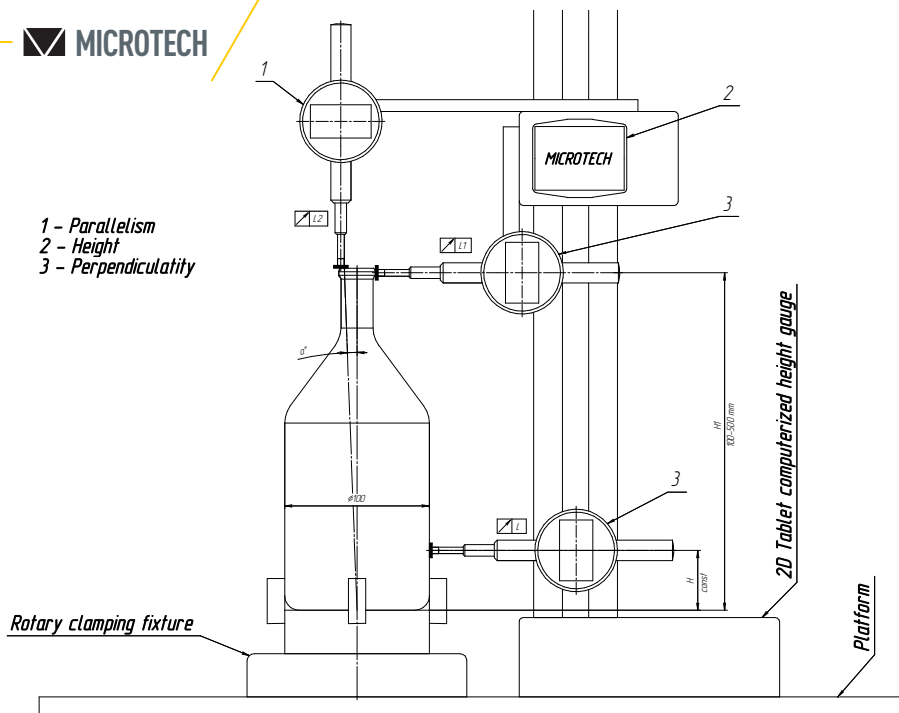


MDS SOFTWARE



STANDARD MDS app





**NON CONTACT Z-AXIS RED LASER**



OPTIONAL  
**ROTATING TABLE**  
WITH CLAMMING FIXTURE



OPTIONAL  
**MULTIFUNCTIONAL**  
**REMOTE PANEL**  
144300002

## DATA MET FUNCTIONS

|                                    |                                   |                                       |                                      |                                        |                                   |
|------------------------------------|-----------------------------------|---------------------------------------|--------------------------------------|----------------------------------------|-----------------------------------|
| <p><b>ANALOG SCALE</b></p>         | <p><b>COLOR GO / NOGO</b></p>     | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>                  | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>Formula</b></p>             |
| <p><b>GRAPHIC MODE 1D/2D</b></p>   | <p><b>MEMORY 2000 values</b></p>  | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p>      | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>            |
| <p><b>DISPLAY &amp; ENERGY</b></p> | <p><b>RESOLUTION, mm/inch</b></p> | <p><b>WIRELESS to MDS app</b></p>     | <p><b>WIRELESS &amp; USB HID</b></p> | <p><b>HUB mode (2D, Probe)</b></p>     | <p><b>DEVICE INFO, UPDATE</b></p> |

- **MANUAL CONTACT** or **MOTORIZED LASER** NON-CONTACT Form control stand
- Different modifications for customers request
- **SWISS** reading system with **0.5 MICRON** resolution (0,0005/0,001/ 0,01/ 0,1 adjust)
- **MANUAL** or **MOTORIZED** moving with 3 speed and AUTO measuring mode mode
- Modification with **RED LASER** displacement sensor for 2D measurings/ANGLE measurings/PROBE mode
- Modification with **MICRON** resolution **RED LASER** displacement sensor with response time up 4KHz, range up to ±60m
- Bi-directional measuring
- Optional manual or motorized Rotating table with fixtures
- **DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **USB HID** direct to any app

## MANUAL CONTACT FORM CONTROL DataMet STAND

| Item No   | Range  |       | Rotating table                 | Accuracy |    | Manual | Data output   |
|-----------|--------|-------|--------------------------------|----------|----|--------|---------------|
|           | Z      | X     |                                | Z        | X  |        |               |
|           | mm     | mm    |                                | µm       | µm |        |               |
| 255503011 | 0-300  | 0-13  | optional (manual or motorized) | ±8       | ±2 | •      | WIRELESS +USB |
| 255503021 |        | 0-25  |                                | ±8       | ±2 | •      |               |
| 255506021 | 0-600  | 0-25  |                                | ±12      | ±2 | •      |               |
| 255506031 |        | 0-50  |                                | ±12      | ±4 | •      |               |
| 255506041 |        | 0-100 |                                | ±12      | ±6 | •      |               |
| 255509021 | 0-1000 | 0-25  |                                | ±16      | ±2 | •      |               |
| 255509031 |        | 0-50  |                                | ±16      | ±4 | •      |               |
| 255509041 |        | 0-100 |                                | ±16      | ±6 | •      |               |
| 255509051 |        | 0-150 |                                | ±16      | ±8 | •      |               |

## MOTORIZED LASER NON-CONTACT FORM CONTROL DataMet STAND

| Item No   | Range  |         | Rotating table                 | Accuracy |         | Motorized | Remote panel | Data output   |
|-----------|--------|---------|--------------------------------|----------|---------|-----------|--------------|---------------|
|           | Z      | X laser |                                | Z        | X laser |           |              |               |
|           | mm     | mm      |                                | µm       | µm      |           |              |               |
| 255503013 | 0-300  | ±4      | optional (manual or motorized) | ±8       | ±10     | •         | optional     | WIRELESS +USB |
| 255503023 |        | ±20     |                                | ±8       | ±20     | •         |              |               |
| 255506023 | 0-600  | ±4      |                                | ±12      | ±10     | •         |              |               |
| 255506033 |        | ±20     |                                | ±12      | ±20     | •         |              |               |
| 255506043 |        | ±60     |                                | ±12      | ±60     | •         |              |               |
| 255509023 | 0-1000 | ±4      |                                | ±16      | ±10     | •         |              |               |
| 255509033 |        | ±20     |                                | ±16      | ±20     | •         |              |               |
| 255509043 |        | ±60     |                                | ±16      | ±60     | •         |              |               |



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Windows



**DOWNLOAD**  
MDS app iOS, MacOS

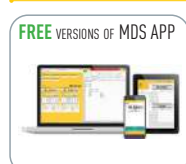
macOS  
iOS



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android

## DELIVERY SET



## OPTIONAL



- Bearing control stand KIA, SIA, KEA
- Completing with 3pcs indicators (Computerized or Digital), 3 magnetic stands, set of Weights for internal & external bearing control
- Digital or Computerized **MICS** indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))

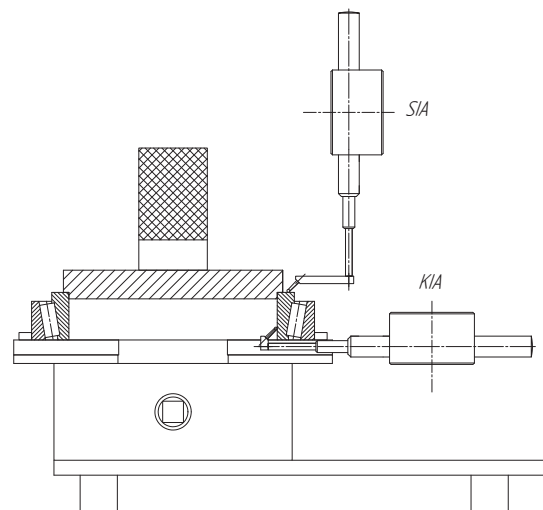
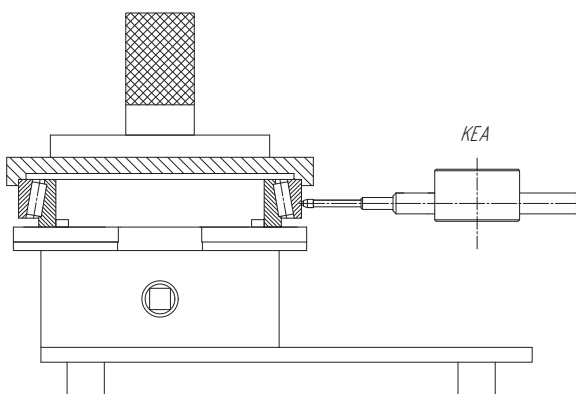


**CUSTOM RANGE FOR REQUEST**

| Item No   | Range    |          | Resolution | Repeatability | Weights  |          | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory | WIRELESS | USB |
|-----------|----------|----------|------------|---------------|----------|----------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------|----------|-----|
|           | internal | external |            |               | internal | external |        |         |         |         |       |           |             |             |          |        |          |     |
|           | SIA KIA  | KEA      |            |               | SIA KIA  | KEA      |        |         |         |         |       |           |             |             |          |        |          |     |
| 255500001 | mm       | mm       | 0,001      | 0,005         | 10-40N   | 12-40N   | •      |         |         |         |       |           |             |             |          |        |          | •   |
| 255500007 | 20-200   | 10-140   | 0,0001     |               | 22pcs    | 23pcs    | •      | •       | •       | •       | •     | •         | •           | •           | •        | •      | •        | •   |



**VIDEO**



- Wheel rims runout measuring stand for wheels diameter 15-24"
- Completing with 4pcs indicators (Computerized or Digital)
- Digital or Computerized **MICS** indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))



**DOWNLOAD**  
MDS app WINDOWS



**DOWNLOAD**  
MDS app iOS, MacOS

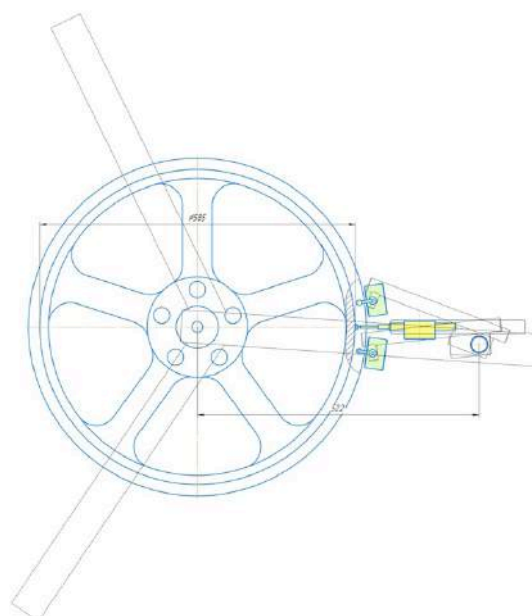
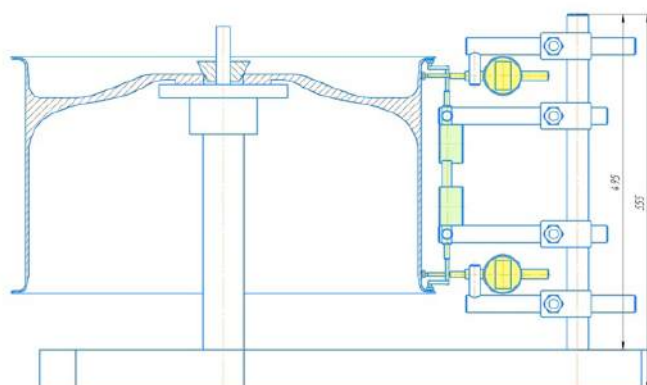


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**CUSTOM RANGE FOR REQUEST**

| Item No   | Disk D | Height rims | Resolution | Accuracy | Quick clamp | Indication   |      | Go/NoGo | Max/Min | Memory | Data output   |
|-----------|--------|-------------|------------|----------|-------------|--------------|------|---------|---------|--------|---------------|
|           | inch   | mm          | mm         | mm       |             | type         | qty  |         |         |        |               |
| 255913247 | 15-24  | 20-35       | 0,0001     | ±0,050   | •           | Computerized | 4pcs | •       | •       | •      | WIRELESS +USB |







TAPE DRUM

FORCE GAUGE FOR TENSILE LOAD 50N

**CUSTOM RANGE FOR REQUEST**



## DATAmet FUNCTIONS

|                                    |                                   |                                       |                                      |                                        |                                              |
|------------------------------------|-----------------------------------|---------------------------------------|--------------------------------------|----------------------------------------|----------------------------------------------|
| <p><b>ANALOG SCALE</b></p>         | <p><b>COLOR GO / NOGO</b></p>     | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>                  | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> |
| <p><b>GRAPHIC MODE 10/2D</b></p>   | <p><b>MEMORY 2000 values</b></p>  | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p>      | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>                       |
| <p><b>DISPLAY &amp; ENERGY</b></p> | <p><b>RESOLUTION, mm/inch</b></p> | <p><b>WIRELESS to MDS app</b></p>     | <p><b>WIRELESS &amp; USB HID</b></p> | <p><b>HUB mode (2D, Probe)</b></p>     | <p><b>DEVICE INFO, UPDATE</b></p>            |

- Manual calibration stands for ruler & tape calibration
- High resolution 7" LED microscope
- Patents UA147069, UA151330
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, 2D mode,
- Memory manager: 2000 values, Folders system, Statistics mode,
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

## RULER DataMet CALIBRATOR

| Item No   | Range  |        | Reso-<br>lution | Accuracy    | Micro-<br>scope | Ruler<br>magnetic<br>fixator | Roll<br>sliding<br>system | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory             | WIRELESS         | USB              |
|-----------|--------|--------|-----------------|-------------|-----------------|------------------------------|---------------------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------------------|------------------|------------------|
|           | mm     | inch   | mm              | mm          |                 |                              |                           |        |         |         |         |       |           |             |             |          |                    |                  |                  |
| 258010003 | 0-1000 | 0-40"  | 0,01            | ±0,010+L/65 | LED<br>7 inch   | •                            | •                         | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val | Long range / HID | USB HID / Update |
| 258020003 | 0-2000 | 0-80"  |                 | ±0,015+L/50 |                 | •                            | •                         | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 258030003 | 0-3000 | 0-120" |                 | ±0,020+L/40 |                 | •                            | •                         | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |

## RULER&TAPE DataMet CALIBRATOR

| Item No   | Range  |        | Reso-<br>lution | Accuracy    | Micro-<br>scope | Ruler<br>magnetic<br>fixator | Tape<br>drum    | Force<br>gauge | Roll<br>sliding<br>system | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | Recharge | Memory             | WIRELESS         | USB              |
|-----------|--------|--------|-----------------|-------------|-----------------|------------------------------|-----------------|----------------|---------------------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|----------|--------------------|------------------|------------------|
|           | mm     | inch   | mm              | mm          |                 |                              |                 |                |                           |        |         |         |         |       |           |             |             |          |                    |                  |                  |
| 258010005 | 0-1000 | 0-40"  | 0,01            | ±0,010+L/65 | LED<br>7 inch   | •                            | max 50m<br>tape | Digital<br>50N | •                         | •      | •       | •       | •       | •     | •         | •           | •           | •        | Folders / 2000 val | Long range / HID | USB HID / Update |
| 258020005 | 0-2000 | 0-80"  |                 | ±0,015+L/50 |                 | •                            |                 |                | •                         | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |
| 258030005 | 0-3000 | 0-120" |                 | ±0,020+L/40 |                 | •                            |                 |                | •                         | •      | •       | •       | •       | •     | •         | •           | •           | •        |                    |                  |                  |



## DELIVERY SET



## OPTIONAL







ACCORDING DIN 2270 FOR  
LEVER INDICATORS



## DATAmet FUNCTIONS

|                                    |                                   |                                       |                                      |                                        |                                              |
|------------------------------------|-----------------------------------|---------------------------------------|--------------------------------------|----------------------------------------|----------------------------------------------|
| <p><b>ANALOG SCALE</b></p>         | <p><b>COLOR GO / NOGO</b></p>     | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>                  | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> |
| <p><b>GRAPHIC MODE 1D/2D</b></p>   | <p><b>MEMORY 2000 values</b></p>  | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p>      | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>                       |
| <p><b>DISPLAY &amp; ENERGY</b></p> | <p><b>RESOLUTION, mm/inch</b></p> | <p><b>WIRELESS to MDS app</b></p>     | <p><b>WIRELESS &amp; USB HID</b></p> | <p><b>HUB mode (2D, Probe)</b></p>     | <p><b>DEVICE INFO, UPDATE</b></p>            |

- Manual **DataMet** Vertical and Horizontal calibration stands for dial, digital and lever indicators
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting,
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

## HORIZONTAL INDICATOR CALIBRATION STAND

| Item No  | Range |      | Resol  | Micrometer head |        | Calibrated device |                            |                             |                              |                                | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory | WIRELESS | USB |
|----------|-------|------|--------|-----------------|--------|-------------------|----------------------------|-----------------------------|------------------------------|--------------------------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------|----------|-----|
|          | mm    | inch | mm     | Range           | Accur. | Non-Rotating      | dial indicator (res 0.1mm) | dial indicator (res 0.01mm) | dial indicator (res 0.001mm) | digital indicator (res 0.01mm) |        |         |         |         |       |           |             |             |           |          |        |          |     |
| 25111027 | 0-25  | 0-1" | 0,0001 | 25              | ±1.2   | •                 | •                          | •                           | •                            | •                              | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |
| 25111051 | 0-50  | 0-2" | 0,0001 | 50              | ±1.8   | •                 | •                          | •                           | •                            | •                              | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |
| 25111057 |       |      | 0,0005 | 50              | ±2     | •                 | •                          | •                           | •                            | •                              | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |

## VERTICAL INDICATOR CALIBRATION STAND

| Item No  | Range |      | Resol  | Micrometer head |        | Calibrated device |                            |                             |                              |                                | Preset                          | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory | WIRELESS | USB |
|----------|-------|------|--------|-----------------|--------|-------------------|----------------------------|-----------------------------|------------------------------|--------------------------------|---------------------------------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------|----------|-----|
|          | mm    | inch | mm     | Range           | Accur. | Non-Rotating      | dial indicator (res 0.1mm) | dial indicator (res 0.01mm) | dial indicator (res 0.001mm) | digital indicator (res 0.01mm) | digital indicator (res 0.001mm) |         |         |         |       |           |             |             |           |          |        |          |     |
| 25113050 | 0-50  | 0-2" | 0,0001 | 50              | ±1.8   | •                 | •                          | •                           | •                            | •                              | •                               | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |
| 25113057 |       |      | 0,0005 |                 | ±2     | •                 | •                          | •                           | •                            | •                              | •                               | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |



DataMet interface



CONNECTION possibilities



VIDEO

VERTICAL



VIDEO

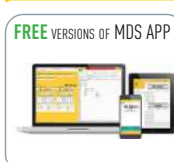
HORIZONTAL


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## DELIVERY SET



## OPTIONAL







## DATAmet FUNCTIONS



- Manual **DataMet** Universal calibration stands for dial, digital indicators with 0.01mm resolution and bore gauges
- Measuring range up to 1000mm
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting,
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **Calibration** certificate included (ISO17025 (Ilac MRA))

| Item No   | Calibrated devices       | Range  |       | Resol  | Micrometer head |        | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory | WIRELESS | USB |
|-----------|--------------------------|--------|-------|--------|-----------------|--------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------|----------|-----|
|           |                          | mm     | inch  |        | Range           | Accur. |        |         |         |         |       |           |             |             |           |          |        |          |     |
| 251113007 | Indicators & Bore gauges | 0-300  | 0-12" | 0,0001 | 25              | ±2     | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |
| 251115007 |                          | 0-500  | 0-20" |        |                 |        | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |
| 251119007 |                          | 0-1000 | 0-40" |        |                 |        | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |



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android

## DELIVERY SET



## OPTIONAL



TABLET MULTIFUNCTIONAL **MICS**  
2.4" TOUCHSCREEN DISPLAY



WIRELESS READING  
SCALES CONNECTION



OPTIONAL MODBUS ASCII, MODBUS TCP/IP



## DATA MET FUNCTIONS

|                                    |                                   |                                       |                                      |                                        |                                              |
|------------------------------------|-----------------------------------|---------------------------------------|--------------------------------------|----------------------------------------|----------------------------------------------|
| <p><b>ANALOG SCALE</b></p>         | <p><b>COLOR GO / NOGO</b></p>     | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>                  | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> |
| <p><b>GRAPHIC MODE 1D/2D</b></p>   | <p><b>MEMORY 2000 values</b></p>  | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p>      | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>                       |
| <p><b>DISPLAY &amp; ENERGY</b></p> | <p><b>RESOLUTION, mm/inch</b></p> | <p><b>WIRELESS to MDS app</b></p>     | <p><b>WIRELESS &amp; USB HID</b></p> | <p><b>HUB mode (2D, Probe)</b></p>     | <p><b>DEVICE INFO, UPDATE</b></p>            |



- Industry 4.0 adopted F **DataMet** ORCE GAUGE with computerized MICS system with 2,4" color Touchscreen
- INTERNAL Force sensors for Push-Pull Force measuring up to 500N
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- MODBUS ASCII, MODBUS TCP/IP for request
- Calibration certificate included (ISO17025 (Ilac MRA))

## DataMet FORCE GAUGE

| Item No   | Range |        |        | Reso-<br>lution | Accu-<br>racy | Measuring HUB | Analog scale | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory         | WIRELESS   | USB       |
|-----------|-------|--------|--------|-----------------|---------------|---------------|--------------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|----------------|------------|-----------|
|           | N     | kg     | lbF    |                 |               |               |              |         |        |         |         |         |       |           |             |             |           |          |                |            |           |
| 225170017 | 1-10  | 0,1-1  | 0.2-2  | 0,001           | 0.3           | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | Folders / 2000 | Long range | USB HID / |
| 225170057 | 1-50  | 0,2-5  | 1-11,5 |                 |               | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                |            |           |
| 225170107 | 2-100 | 0,5-10 | 1-22,5 |                 |               | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                |            |           |
| 225170507 | 5-500 | 1-50   | 2-112  |                 |               | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                |            |           |

## MODBUS DataMet FORCE GAUGE

| Item No    | Range |        |        | Reso-<br>lution | Accu-<br>racy | Measuring HUB | Analog scale | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory         | WIRELESS   | USB       | MODBUS RTU | MODBUS ASCII | MODBUS TCP/IP |
|------------|-------|--------|--------|-----------------|---------------|---------------|--------------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|----------------|------------|-----------|------------|--------------|---------------|
|            | N     | kg     | lbF    |                 |               |               |              |         |        |         |         |         |       |           |             |             |           |          |                |            |           |            |              |               |
| 225170017M | 1-10  | 0,1-1  | 0.2-2  | 0,001           | 0.3           | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | Folders / 2000 | Long range | USB HID / | •          | •            | •             |
| 225170057M | 1-50  | 0,2-5  | 1-11,5 |                 |               | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                |            |           | •          | option       | option        |
| 225170107M | 2-100 | 0,5-10 | 1-22,5 |                 |               | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                |            |           | •          | option       | option        |
| 225170507M | 5-500 | 1-50   | 2-112  |                 |               | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                |            |           | •          | option       | option        |



DataMet interface



CONNECTION possibilities



MODBUS protocol



VIDEO



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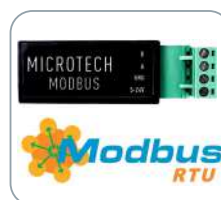
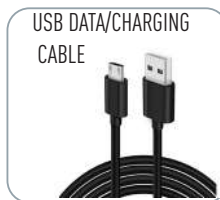
DOWNLOAD MDS app iOS, MacOS



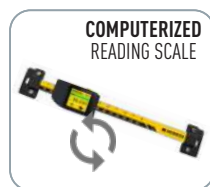
DOWNLOAD MDS app ANDROID



## DELIVERY SET

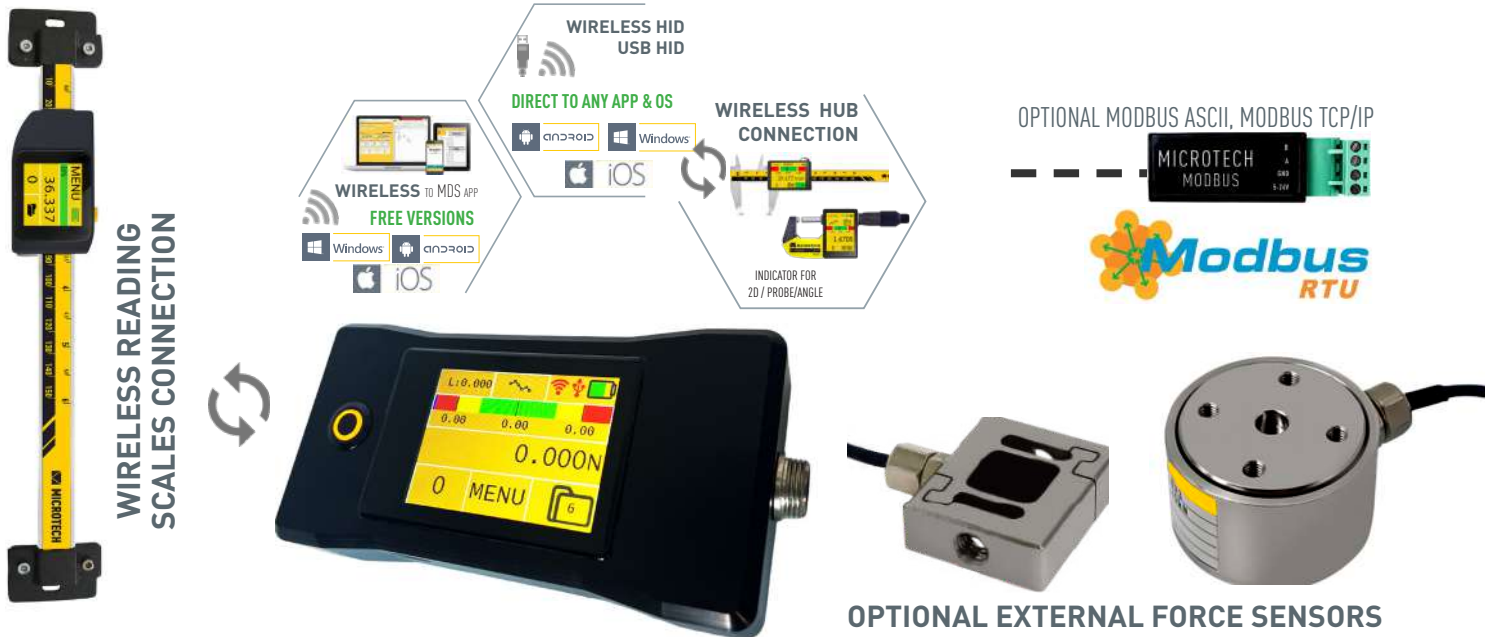


## OPTIONAL





- Industry 4.0 adopted **DataMet** FORCE GAUGE with computerized MICS system with 2,4" color Touchscreen
- EXTERNAL force sensors 100000N
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- MODBUS ASCII, MODBUS TCP/IP for request
- Calibration certificate included (ISO17025 (Ilac MRA))



| Item No    | External sensors | Accu-<br>racy<br>% | Measuring HUB | Analog scale | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory | WIRELESS | USB | MODBUS RTU | MODBUS ASCII | MODBUS TCP/IP |
|------------|------------------|--------------------|---------------|--------------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------|----------|-----|------------|--------------|---------------|
| 225170707  | 1                | 0.3                | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   | •          | •            | •             |
| 225170707M | 1                |                    | •             | •            | •       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   | •          | •            | •             |

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## DELIVERY SET



## OPTIONAL



**FORCE** SENSORS S-TYPE PUSH-PULL

| Item No   |      | Type      | Force  |       |       | Linearity | Hysteresis | Repeatability | Dimension | Thread holes |  |
|-----------|------|-----------|--------|-------|-------|-----------|------------|---------------|-----------|--------------|--|
|           |      |           | N      | kg    | lbF   | %         | %          | %             | mm        |              |  |
| 225110001 | FSPP | Push Pull | 1      | 0,1   | 0,23  | 0,05      | 0,05       | 0,05          | 16x19     | 2xM3         |  |
| 225171002 |      |           | 5      | 0,5   | 1,12  |           |            |               |           |              |  |
| 225110003 |      |           | 10     | 1     | 2,25  |           |            |               |           |              |  |
| 225110004 |      |           | 50     | 5     | 11,2  |           |            |               |           |              |  |
| 225110005 |      |           | 100    | 10    | 22,5  | 0,03      | 0,03       | 0,03          | 50x76     | 2xM4         |  |
| 225110006 |      |           | 500    | 50    | 112   |           |            |               |           |              |  |
| 225110007 |      |           | 1000   | 100   | 225   |           |            |               |           |              |  |
| 225110008 |      |           | 5000   | 500   | 1120  |           |            |               |           |              |  |
| 225110009 |      |           | 10000  | 1000  | 2250  |           |            |               |           |              |  |
| 225110010 |      |           | 50000  | 5000  | 11200 |           |            |               |           |              |  |
| 225110011 |      |           | 100000 | 10000 | 22500 |           |            |               |           |              |  |
|           |      |           |        |       |       |           |            | 76x108        | 2xM12     |              |  |
|           |      |           |        |       |       |           |            |               |           |              |  |
|           |      |           |        |       |       |           |            |               |           |              |  |


**FORCE** SENSORS ROUND-TYPE PUSH-PULL

| Item No   | Type | Force     |       |      | Linearity | Hysteresis | Repeatability | Diameter |      |
|-----------|------|-----------|-------|------|-----------|------------|---------------|----------|------|
|           |      | N         | kg    | lbf  |           |            |               | Base     | Load |
| 225120001 | FOPP | Push Pull | 100   | 10   | 22,5      | 0,1        | 0,1           | 41       | 36   |
| 225120002 |      |           | 500   | 50   | 112       |            |               |          |      |
| 225120003 |      |           | 1000  | 100  | 225       |            |               |          |      |
| 225120004 |      |           | 5000  | 500  | 1120      |            |               |          |      |
| 225120005 |      |           | 10000 | 1000 | 2250      |            |               |          |      |
| 225120006 |      |           | 20000 | 2000 | 4500      |            |               |          |      |

FOPP round sensor


**FORCE** SENSORS ROUND-TYPE PUSH

| Item No   | Type | Force |        |       | Linearity | Hysteresis | Repeatability | Diameter |      |
|-----------|------|-------|--------|-------|-----------|------------|---------------|----------|------|
|           |      | N     | kg     | lbf   |           |            |               | Base     | Load |
| 225130001 | FOP  | Push  | 1000   | 100   | 225       | 0,2        | 0,1           | 50       | 13   |
| 225130002 |      |       | 5000   | 500   | 1120      |            |               |          |      |
| 225130003 |      |       | 10000  | 1000  | 2250      |            |               |          |      |
| 225130004 |      |       | 50000  | 5000  | 11200     |            |               |          | 16   |
| 225130005 |      |       | 100000 | 10000 | 22500     |            |               |          |      |

FOP round sensor

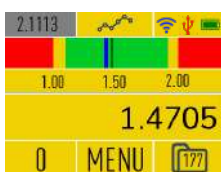




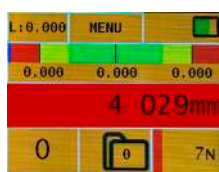
WIRELESS READING  
SCALES CONNECTION



## DATAmet FUNCTIONS



ANALOG SCALE



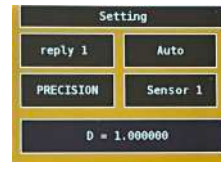
COLOR GO / NOGO



COLOR MAX / MIN / RANGE



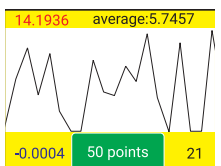
TIMER



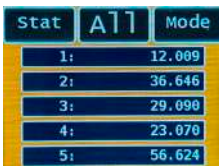
TOUCH PROBE SETTINGS



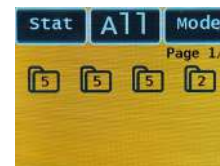
FORMULA  $Ax^2+Bx+C$



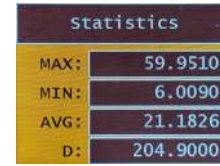
GRAPHIC MODE 1D/2D



MEMORY 2000 values



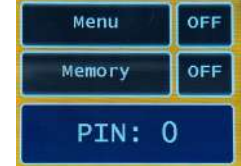
FOLDERS mode



MEMORY STATISTICS



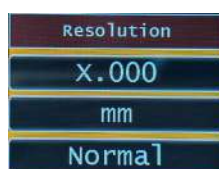
TEMPERATURE COMPENSATION



PASSWORD



DISPLAY & ENERGY



RESOLUTION, mm/inch



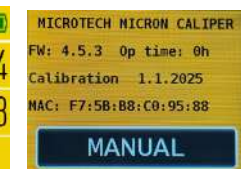
WIRELESS to MDS app



WIRELESS & USB HID



HUB mode (2D, Probe)



DEVICE INFO, UPDATE



- Industry 4.0 adopted Manual **DataMet** FORCE tester with computerized MICS system with 2,4" color Touchscreen
- **DataMet FORCE tester included**
- Optional READING SCALE
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No   | Load |     | Reso-<br>lution | Range | Scale<br>resolution | Weight | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory | WIRELESS | USB |   |   |
|-----------|------|-----|-----------------|-------|---------------------|--------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------|----------|-----|---|---|
|           | N    | lbF | N               | mm    | mm                  | kg     |        |         |         |         |       |           |             |             |           |          |        |          |     |   |   |
| 278170056 | 500  | 112 | 0,001           | 180   | -                   | 25     | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |   |   |
| 278170057 |      |     |                 |       | 0,005               |        | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   | • | • |
| 278170106 | 1000 | 225 |                 |       | -                   |        | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   | • | • |
| 278170107 |      |     |                 |       | 0,005               |        | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   | • | • |



DataMet  
interface



CONNECTION  
possibilities



VIDEO



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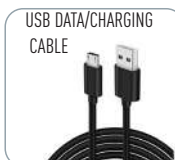
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MDS app iOS, MacOS



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MDS app ANDROID



## DELIVERY SET

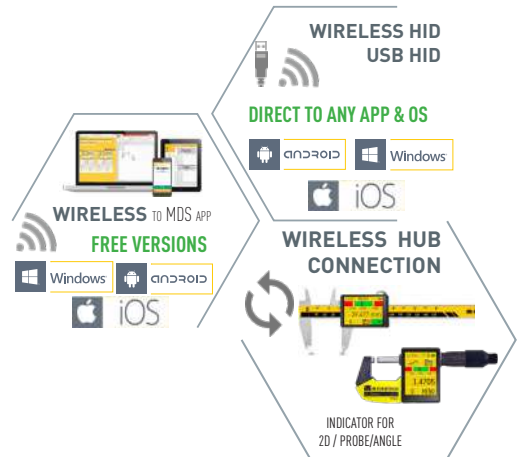


## OPTIONAL





WIRELESS READING  
SCALES CONNECTION



## DATA MET FUNCTIONS

|                                    |                                   |                                       |                                      |                                        |                                              |
|------------------------------------|-----------------------------------|---------------------------------------|--------------------------------------|----------------------------------------|----------------------------------------------|
| <p><b>ANALOG SCALE</b></p>         | <p><b>COLOR GO / NOGO</b></p>     | <p><b>COLOR MAX / MIN / RANGE</b></p> | <p><b>TIMER</b></p>                  | <p><b>TOUCH PROBE SETTINGS</b></p>     | <p><b>FORMULA <math>Ax^2+Bx+C</math></b></p> |
| <p><b>GRAPHIC MODE 1D/2D</b></p>   | <p><b>MEMORY 2000 values</b></p>  | <p><b>FOLDERS mode</b></p>            | <p><b>MEMORY STATISTICS</b></p>      | <p><b>TEMPERATURE COMPENSATION</b></p> | <p><b>PASSWORD</b></p>                       |
| <p><b>DISPLAY &amp; ENERGY</b></p> | <p><b>RESOLUTION, mm/inch</b></p> | <p><b>WIRELESS to MDS app</b></p>     | <p><b>WIRELESS &amp; USB HID</b></p> | <p><b>HUB mode (2D, Probe)</b></p>     | <p><b>DEVICE INFO, UPDATE</b></p>            |

- Industry 4.0 adopted **DataMet** Motorized FORCE tester with computerized MICS system with 2,4" color Touchscreen
- **DataMet FORCE tester included**
- Optional READING SCALE
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No   | Load |     | Reso-<br>lution | Range | Scale<br>resolution | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory | WIRELESS | USB |
|-----------|------|-----|-----------------|-------|---------------------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------|----------|-----|
|           | N    | lbF | N               | mm    | mm                  |        |         |         |         |       |           |             |             |           |          |        |          |     |
| 278170108 | 1000 | 225 | 0,001           | 700   | 0,005               | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |



DataMet  
interface



CONNECTION  
possibilities



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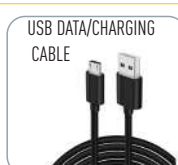
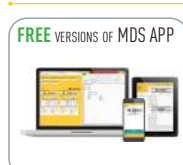
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MDS app iOS, MacOS



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MDS app ANDROID

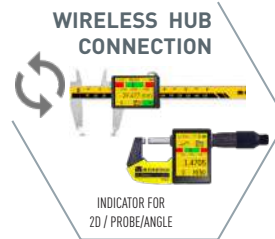


## DELIVERY SET



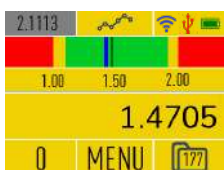
## OPTIONAL





**CUSTOM RANGE FOR REQUEST**

## DATAmet FUNCTIONS



ANALOG SCALE



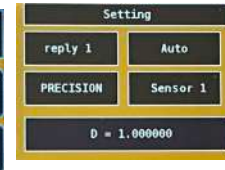
COLOR GO / NOGO



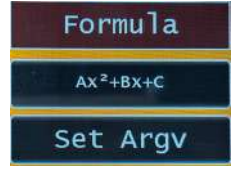
COLOR MAX / MIN / RANGE



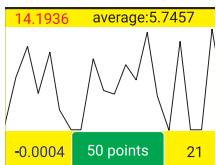
TIMER



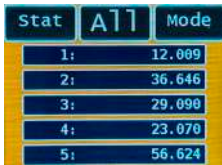
TOUCH PROBE SETTINGS



FORMULA  $Ax^2+Bx+C$



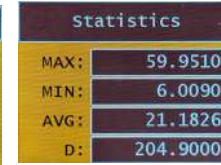
GRAPHIC MODE 1D/2D



MEMORY 2000 values



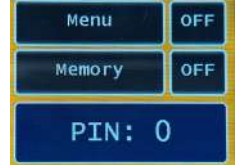
FOLDERS mode



MEMORY STATISTICS



TEMPERATURE COMPENSATION



PASSWORD



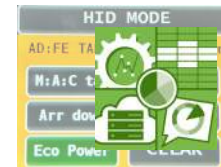
DISPLAY & ENERGY



RESOLUTION, mm/inch



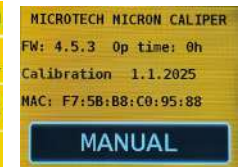
WIRELESS to MDS app



WIRELESS & USB HID



HUB mode (2D, Probe)



DEVICE INFO, UPDATE



- Industry 4.0 adopted **DataMet** Manual Hydraulic FORCE tester with computerized MICS system with 2,4" color Touchscreen
- **DataMet FORCE tester included**
- Optional READING SCALE
- Measuring range up to 100000N
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

| Item No   | Load   |       | Reso-<br>lution | Range | Scale  | Weight | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory | WIRELESS | USB |
|-----------|--------|-------|-----------------|-------|--------|--------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------|----------|-----|
|           | N      | LbF   | N               | mm    |        | kg     |        |         |         |         |       |           |             |             |           |          |        |          |     |
| 235152017 | 10000  | 2250  | 1               | 120   | option | 105    | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |
| 235152057 | 50000  | 11250 |                 | 140   |        | 195    | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |
| 235152107 | 100000 | 22500 |                 |       |        | 280    | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | •      | •        | •   |



DataMet  
interface



CONNECTION  
possibilities



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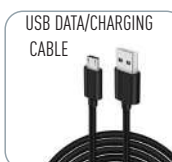
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MDS app ANDROID



## DELIVERY SET



## OPTIONAL







## DATAmet FUNCTIONS



- **DataMet** SHORE durometer for different scales (A, C, D, F, 00)
- **Modification** with Interchangeable indentors
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **Modification MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **MODBUS ASCII, MODBUS TCP/IP** for request
- **Calibration certificate** included (ISO17025 (Ilac MRA))

## DataMet SHORE DUROMETER

| Item No  | Shore Scale | Range | Resol | Indenter         |                     |           | Force    | Measuring | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory             | WIRELESS         | USB              |
|----------|-------------|-------|-------|------------------|---------------------|-----------|----------|-----------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------------------|------------------|------------------|
|          |             |       |       | Diameter         | Indenting foot      | Extension |          |           |         |        |         |         |         |       |           |             |             |           |          |                    |                  |                  |
|          |             | unit  | unit  | mm               |                     |           | mm       |           |         |        |         |         |         |       |           |             |             |           |          |                    |                  |                  |
| 21100101 | A           | 0-100 | 0,01  | 1,40             | 35° truncated cone  | 2,54      | 8,05     | •         | •       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | Folders / 2000 val | Long range / HID | USB HID / Update |
| 21100102 | C           |       |       |                  | D=0,79mm            |           | 44,45    | •         | •       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                  |
| 21100103 | D           |       |       | 30° cone R=0,1mm | •                   |           | •        | •         | •       | •      | •       | •       | •       | •     | •         | •           | •           |           |          |                    |                  |                  |
| 21100104 | 00          |       |       | 2,40             | 1.20 mm spherical R |           | 1,111    | •         | •       | •      | •       | •       | •       | •     | •         | •           | •           | •         |          |                    |                  |                  |
| 21100105 | F           |       |       |                  |                     |           | 0,55-4.3 | •         | •       | •      | •       | •       | •       | •     | •         | •           | •           | •         |          |                    |                  |                  |

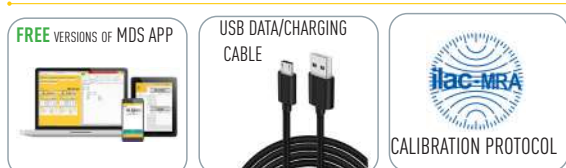
## MODBUS DataMet SHORE DUROMETER

| Item No   | Shore Scale | Range | Resol | Indenter |                                |           | Force    | Measuring HUB | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory             | WIRELESS         | USB              | MODBUS RTU | MODBUS ASCII | MODBUS TCP/IP |
|-----------|-------------|-------|-------|----------|--------------------------------|-----------|----------|---------------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------------------|------------------|------------------|------------|--------------|---------------|
|           |             |       |       | Diameter | Indenting foot                 | Extension |          |               |         |        |         |         |         |       |           |             |             |           |          |                    |                  |                  |            |              |               |
| 21100101M | A           | 0-100 | 0,01  | 1,40     | 35° truncated cone<br>D=0,79mm | 2,54      | 8,05     | •             | •       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | Folders / 2000 val | Long range / HID | USB HID / Update | •          | option       | option        |
| 21100102M | C           |       |       |          | 30° cone R=0,1mm               |           | 44,45    | •             | •       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                  |            |              |               |
| 21100103M | D           |       |       | 2,40     | 1.20 mm spherical R            |           | 1,111    | •             | •       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                  |            |              |               |
| 21100104M | 00          |       |       |          |                                |           |          | •             | •       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                  |            |              |               |
| 21100105M | F           |       |       |          |                                |           | 0,55-4.3 | •             | •       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                  |            |              |               |

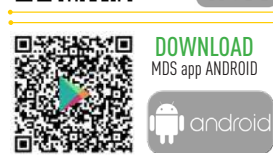
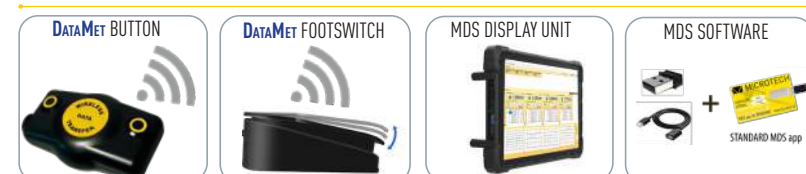
## MULTISCALE DataMet SHORE DUROMETER SET

| Item No  | Shore Scale | Indenter | Measuring HUB | Graphic | Preset | Go/NoGo | Max/Min | Formula | Timer | Temp comp | Linear corr | Calibr date | FW update | Recharge | Memory             | WIRELESS         | USB              |
|----------|-------------|----------|---------------|---------|--------|---------|---------|---------|-------|-----------|-------------|-------------|-----------|----------|--------------------|------------------|------------------|
|          |             | pcs      |               |         |        |         |         |         |       |           |             |             |           |          |                    |                  |                  |
| 21100110 | A,C         | 2        | •             | •       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        | Folders / 2000 val | Long range / HID | USB HID / Update |
| 21100111 | A,D         | 2        | •             | •       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                  |
| 21100120 | A,C,D       | 3        | •             | •       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                  |
| 21100100 | A,C,D,00    | 4        | •             | •       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                  |
| 21100130 | A,C,D,00, F | 5        | •             | •       | •      | •       | •       | •       | •     | •         | •           | •           | •         | •        |                    |                  |                  |

## DELIVERY SET



## OPTIONAL



- Budget portable multiscale (HV, HB, HRA, HRB, HRC, HSD, MPA) hardness tester
- Calibration block included
- Internal memory 500 val, multiscale, LCD contrast display with backlight
- Calibration certificate included (ISO17025 (Ilac MRA))



#### UNIVERSAL PORTABLE HARDNESS TESTER TPU-1

|                 |                                                                                  |
|-----------------|----------------------------------------------------------------------------------|
| Item No         | 21100001                                                                         |
| Scales          | HV, HB, HRA, HRB, HRC, HSD, MPA                                                  |
| Accuracy        | ±5 HL                                                                            |
| Internal memory | 500 values                                                                       |
| Rockwell Scales | HRA, HRB, HRC                                                                    |
| Display         | 160x128 TFT LCD with backlight                                                   |
| Connection      | USB Type-C                                                                       |
| Power supply    | 3xAAA battery                                                                    |
| Dimensions      | 154mm×82mm×26 mm                                                                 |
| Weight          | 0,25 Kg                                                                          |
| DELIVERY SET    | Digital display, Impact D, Calibration block, USB cable, Calibration certificate |

## DELIVERY SET





## SERVICES

Developing and manufacturing custom characteristics and configuration measuring instruments and stands according customers requests



Researching and Developing customized devices and Firmwares



Aftersales calibration service  
IEC/ISO 17025 Ilac





# 30<sup>TH</sup> ANNIVERSARY



MANUFACTURING ISO9001:2015



CALIBRATION ISO17025:2017



150+ PATENTS  
US, UA, WO



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