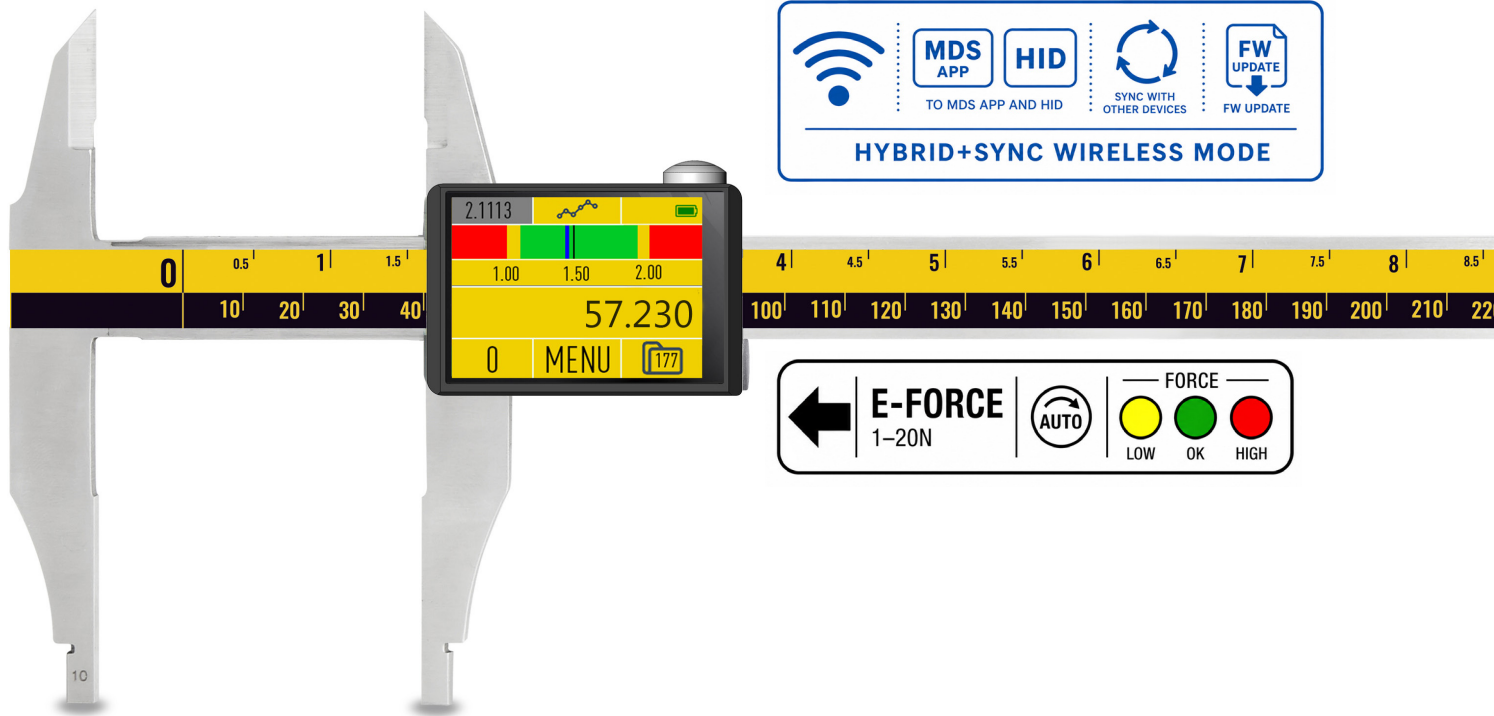


**DATAMET**  
COMPUTERIZED  
**SWISS**  
READING SYSTEM  
**IP54** | 0.5 μm



## 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 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> |

- 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" | 0,0005          | ±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" | 0,0005          | ±15            | 1-20  | 100/30 | •      | •       | •       | •       | •     | •         | •           | •           | •        | •        | •        | •      | •          | •        | •       | •          | •            | •             |
| 141088621M | 0-600 | 0-24" |                 | ±18            |       |        | •      | •       | •       | •       | •     | •         | •           | •           | •        | •        | •        | •      | •          | •        | •       | •          | •            | •             |



DOWNLOAD  
MDS app WINDOWS



DOWNLOAD  
MDS app iOS, MacOS



DOWNLOAD  
MDS app ANDROID



## DELIVERY SET



## OPTIONAL

