

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 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- lution	Accu- 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
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- lution	Accu- 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
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





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