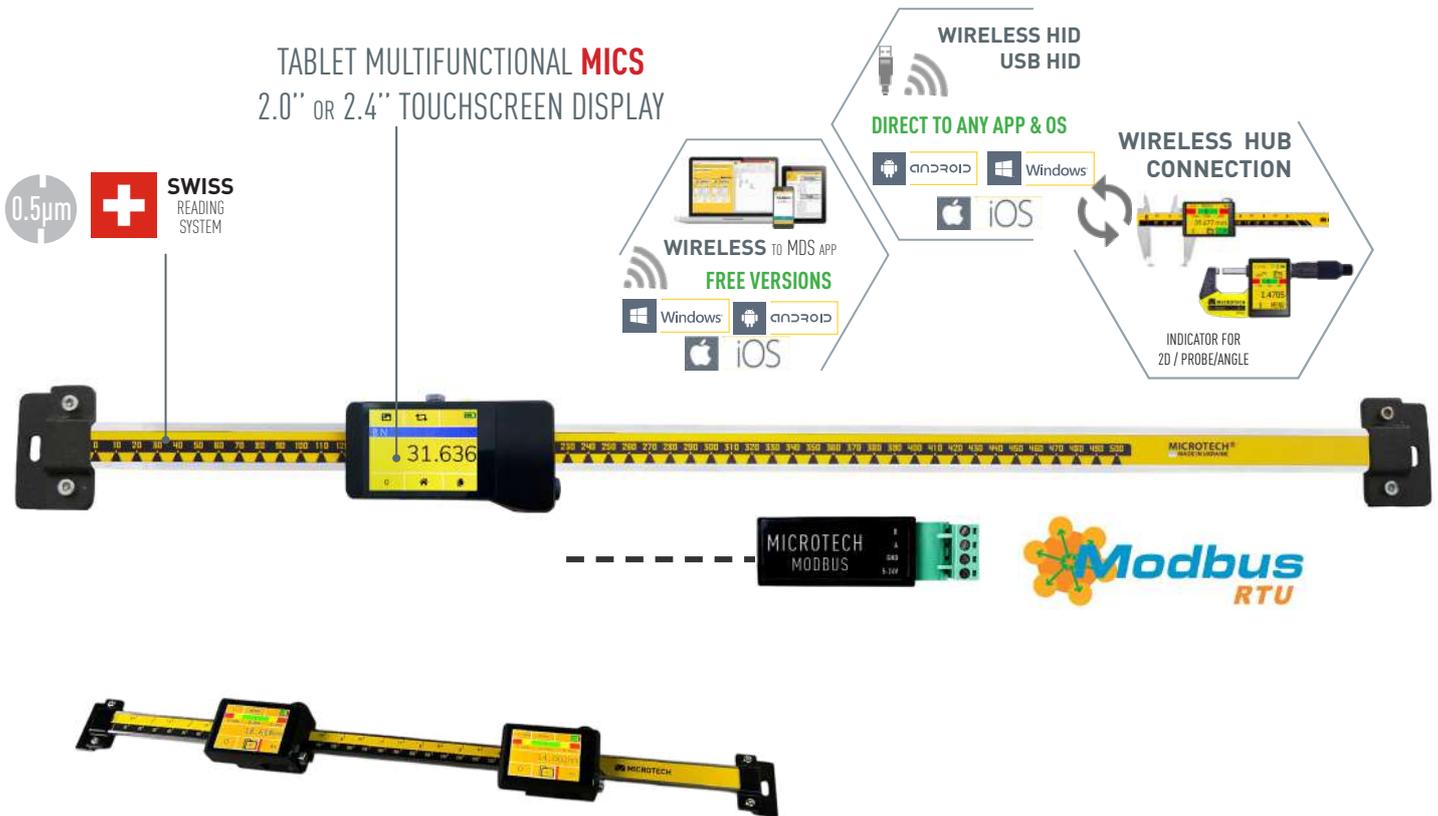


- Industry 4.0 adopted linear scale with computerized MICS system (Patents US10184772, UA174949, UA126928)
- Modification with MICRON with **SWISS made reading system** resolution **1 micron** (0,0005/0,001/0,01/0,1mm selection)
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- RANGE up to 5000 mmm
- **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**

## DATA MET FUNCTIONS

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

Item No	Range		Reso- lution	Accu- 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				•	•	•	•	•	•	•	•	•					
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- lution	Accu- 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	•	•	•	•	•	•	•	•	•	•	•	•					
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						•	•	•	•	•	•	•	•	•	•			



DataMet interface



CONNECTION possibilities



MODBUS protocol

MODBUS MICRON DataMet READOUT LINEAR SCALE

Item No	Range		Reso- lution	Accu- 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	•	•	•	•	•	•	•	•	•	•	•	•				•		
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						•	•	•	•	•	•	•	•	•	•				•
142520141M1	0-2000	0-80"		±40						•	•	•	•	•	•	•	•	•	•				•



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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