

0,1µm



DATA MET 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 Ax^2+Bx+C</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 & ENERGY</p>	<p>RESOLUTION, mm/inch</p>	<p>WIRELESS to MDS app</p>	<p>WIRELESS & USB HID</p>	<p>HUB mode (2D, Probe)</p>	<p>DEVICE INFO, UPDATE</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))

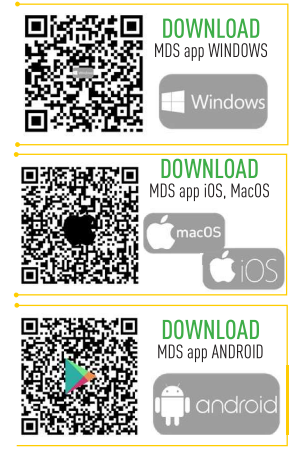
Item No	Range		Reso- lution	Accu- racy.	Hyste- resis	Force	2D connect	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	MODBUS								
	mm	inch																							mm	µm	µm	N				
120139135	0-12,5	0-0,5"	0,0001	±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	0-100	0-4"		±2,0		3,2-5,2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•					•	•	•	•	•	•	
120139907				±5,0			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•					•	•	•	•	•	•	•
120139908				±3,0			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•					•	•	•	•	•	•	•
120139555	0-150	0-6"	±7,0		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•							
120139557			±5,0		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•					



DELIVERY SET

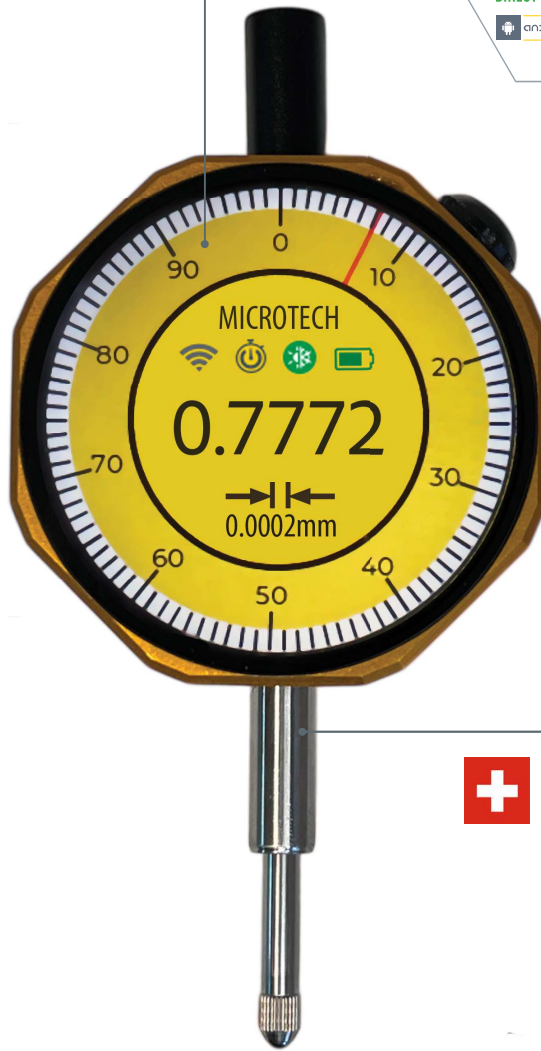
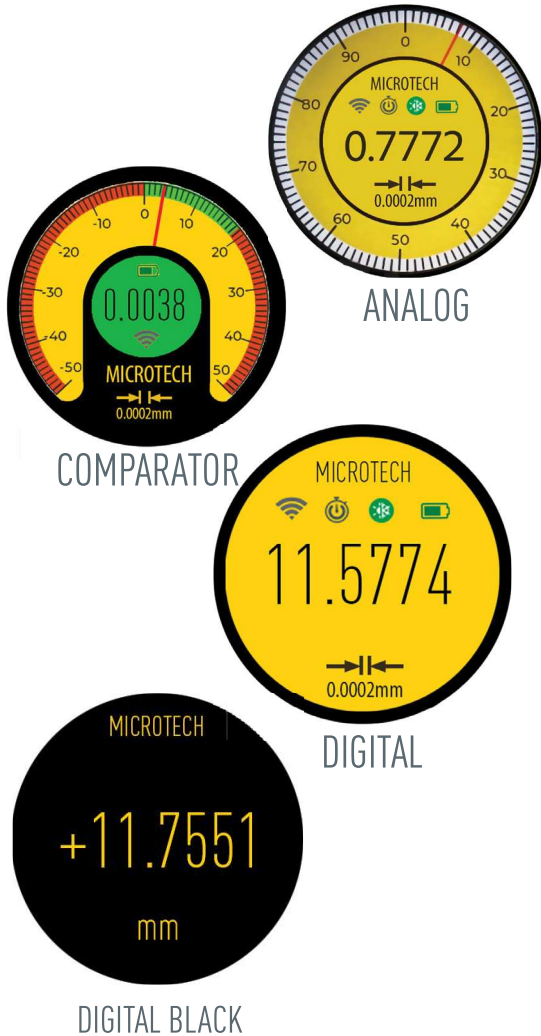


OPTIONAL



DATAmet MULTIFUNCTIONAL
ROUND 1.8" TOUCHSCREEN DISPLAY

ADJUSTABLE SCALES



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 Ax^2+Bx+C</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 & ENERGY</p>	<p>RESOLUTION, mm/inch</p>	<p>WIRELESS to MDS app</p>	<p>WIRELESS & USB HID</p>	<p>HUB mode (2D, Probe)</p>	<p>DEVICE INFO, UPDATE</p>

- 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- racy		Hyste- 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	•	•	•	•	•	•	•	•	•	•	•	•				Folders / 50000 val	Long range / HID	USB HID / Update	
120137255			0,0002	±2			•	•	•	•	•	•	•	•	•	•	•	•							
120137256			0,0002	±1.5			•	•	•	•	•	•	•	•	•	•	•	•							•
120137303	0-30	0-1.2"	0,0005	±3		1,2-2,2	•	•	•	•	•	•	•	•	•	•	•	•				Folders / 50000 val	Long range / HID	USB HID / Update	
120137305			0,0002	±2			•	•	•	•	•	•	•	•	•	•	•	•							•
120137502	0-50,8	0-2"	0,0005	±5		3,2-5,2	•	•	•	•	•	•	•	•	•	•	•	•				Folders / 50000 val	Long range / HID	USB HID / Update	
120137503			0,0002	±3			•	•	•	•	•	•	•	•	•	•	•	•							•
120137505	0-100	0-4"	0,0005	±5		3,2-5,2	•	•	•	•	•	•	•	•	•	•	•	•				Folders / 50000 val	Long range / HID	USB HID / Update	
120137902			0,0002	±3			•	•	•	•	•	•	•	•	•	•	•	•							•
120137903			0,0002	±3			•	•	•	•	•	•	•	•	•	•	•	•							•
120137952	0-150	0-6"	0,0005	±7		3,2-5,2	•	•	•	•	•	•	•	•	•	•	•	•				Folders / 50000 val	Long range / HID	USB HID / Update	
120137953			0,0002	±4			•	•	•	•	•	•	•	•	•	•	•	•							•
120137962	0-200	0-8"	0,0005	±9	3,2-5,2	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 50000 val	Long range / HID	USB HID / Update					
120137963			0,0002	±5		•	•	•	•	•	•	•	•	•	•	•	•				•	•			



DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE

OPTIONAL

DATA MET BUTTON

DATA MET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

STANDARD MDS app

STANDS



- 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
	mm	mm	µm	N	mm												
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

ROTATING DataMet INDICATOR

- 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- lution	Accu- racy.	Hyste- 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

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE

OPTIONAL

DATA MET BUTTON

DATA MET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

STANDARD MDS app

STANDS





0,1µm



OPTIONAL MODBUS ASCII, MODBUS TCP/IP

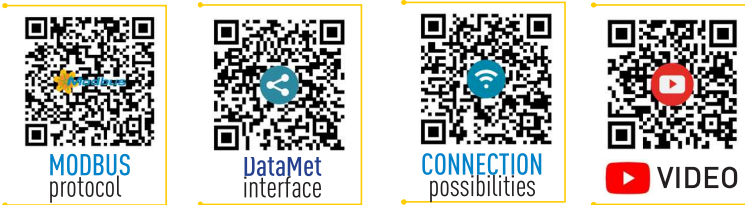
DATA MET FUNCTIONS

<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 Ax^2+Bx+C</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 & ENERGY</p>	<p>RESOLUTION, mm/inch</p>	<p>WIRELESS to MDS app</p>	<p>WIRELESS & USB HID</p>	<p>HUB mode (2D, Probe)</p>	<p>DEVICE INFO, UPDATE</p>

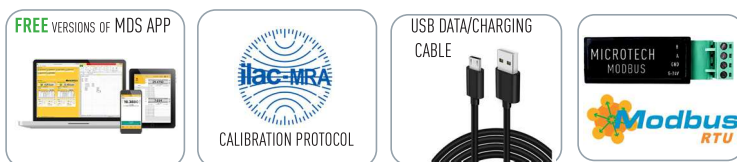
MODBUS DataMet INDICATOR

- 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))

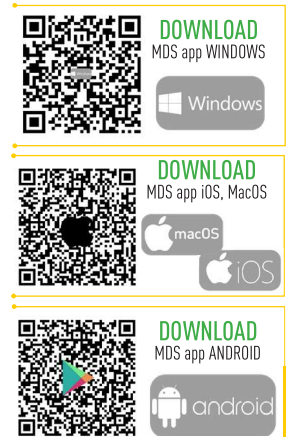
Item No	Range		Reso- lution	Accu- racy.	Hyste- resis	Force	2D connect	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP	WIRELESS	USB		
	mm	inch																								mm	µm
120139137M	0-12,5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



DELIVERY SET



OPTIONAL



- 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



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





WIRELESS HID
USB HID

DIRECT TO ANY APP & OS

Android Windows iOS

DATA MET 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 Ax^2+Bx+C</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 & ENERGY</p>	<p>RESOLUTION, mm/inch</p>	<p>WIRELESS to MDS app</p>	<p>WIRELESS & USB HID</p>	<p>HUB mode (2D, Probe)</p>	<p>DEVICE INFO, UPDATE</p>

DataMet DISPLAY UNIT & PROBES

- 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

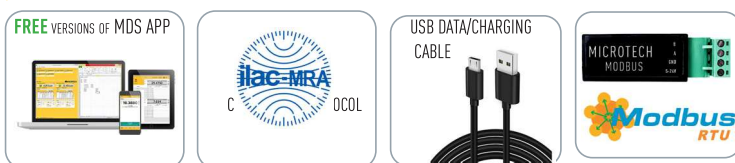
Item No	INPUT CONNECTION		Data output			Memory	Display	Battery	Footswitch
	CAPACITIVE PROBES	WIRELESS	MODBUS RTU	WIRELESS	USB				
299999024M	max 4	max 4	•	•	•	2000	3,5"	Li-Pol	•
299999034M			•	•	•				

CAPACITIVE LINEAR PROBES

Item No	Range		Resol.	Accu- racy	Hyste- resis	Force	Cable length	Clamping	Output socket
	mm	inch							
120129101P	0-1	0-0.05"	0,0001	±0.5	0,3	1.8-2.2	2	Ø 28-h6	7 pin
120129137P	0-13	0-0.5"		±2	0,5	0,6-1		Optional 10	
120129258P	0-25	0-1"		±2		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					

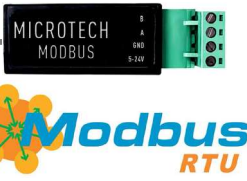


DELIVERY SET

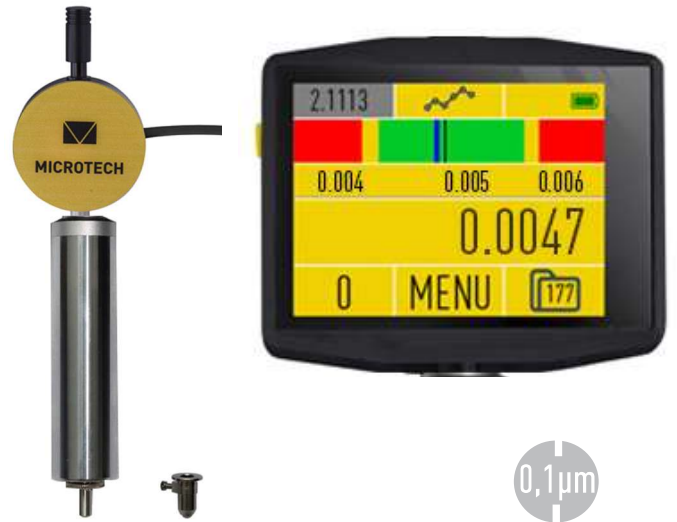


OPTIONAL





OPTIONAL MODBUS RTU



DATA MET FUNCTIONS

<p>ANALOG SCALE</p>	<p>COLOR GO / NOGO</p>	<p>COLOR MAX / MIN / RANGE</p>	<p>TIMER</p>	<p>Setting</p> <p>reply 1 Auto</p> <p>PRECISION Sensor 1</p> <p>D = 1.000000</p> <p>TOUCH PROBE SETTINGS</p>	<p>Formula</p> <p>Ax^2+Bx+C</p> <p>Set Argv</p> <p>FORMULA Ax^2+Bx+C</p>
<p>GRAPHIC MODE 10/2D</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>Angle 270</p> <p>Sleep OFF Touch OFF</p> <p>DISPLAY & ENERGY</p>	<p>Resolution</p> <p>X.000</p> <p>mm</p> <p>Normal</p> <p>RESOLUTION, mm/inch</p>	<p>MDS MODE</p> <p>Ultra Power CLEAR</p> <p>WIRELESS to MDS app</p>	<p>HID MODE</p> <p>AD:FE TA</p> <p>M:A:C t</p> <p>Arr dow</p> <p>Eco Power CLEAR</p> <p>WIRELESS & USB HID</p>	<p>HUB mode (2D, Probe)</p>	<p>MICROTECH MICRON CALIPER</p> <p>FW: 4.5.3 Op time: 0h</p> <p>Calibration 1.1.2025</p> <p>MAC: F7:5B:B8:C0:95:88</p> <p>MANUAL</p> <p>DEVICE INFO, UPDATE</p>

DataMet EXTERNAL PROBE INDICATOR

- 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- racy	Hyste- resis	Force	Clamping	Cable 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																									mm	µm	µm	N	mm	m		
120129101L	0-1	0-0.05"	0,0001	±0,5	0,3	1.8-2.2	∅ 28-h6	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val Long range / HID USB HID / Update OPTION											
120129137L	0-12,5	0-0.5"		±2	0,5	0,6-1	∅ 8-h6	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•				•	•	•	•					
120129137L10				10	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				•	•	•	•	•	•			
120129258L	0-25,4	0-1"		±2	0,5	0,7-1.2		∅ 8-h6	2	•	•	•	•	•	•	•	•	•	•	•	•	•				•	•	•	•	•	•			
120129258L10				10	•				•	•	•	•	•	•	•	•	•	•	•	•	•	•				•	•	•	•	•	•	•	•	
120129508L	0-50,8	0-2"		±3	0,5	1,2-2,2			∅ 8-h6	2	•	•	•	•	•	•	•	•	•	•	•	•				•	•	•	•	•	•	•		
120129508L10				10	•					•	•	•	•	•	•	•	•	•	•	•	•	•				•	•	•	•	•	•	•	•	•
120129907L	0-100	0-4"		±5	1	3,2-5,2				∅ 8-h6	2	•	•	•	•	•	•	•	•	•	•	•				•	•	•	•	•	•	•	•	
120129907L10				10	•						•	•	•	•	•	•	•	•	•	•	•	•				•	•	•	•	•	•	•	•	•
120129507L	0-150	0-6"		±7	1	3,2-5,2					∅ 8-h6	2	•	•	•	•	•	•	•	•	•	•				•	•	•	•	•	•	•	•	•
120129507L10				10	•							•	•	•	•	•	•	•	•	•	•	•				•	•	•	•	•	•	•	•	•

DataMet EXTERNAL PROBE TEST INDICATOR

Item No	Range		Resol.	Accu- racy	Probe	Measur- ing Force	Cable length	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	MODBUS RTU	
	mm	inch																				mm
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

FREE VERSIONS OF MDS APP

USB DATA/CHARGING CABLE

OPTIONAL

DATA MET BUTTON

DATA MET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

STANDARD MDS app

STANDS



- 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- racy	Probe	Measur- 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"					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



DELIVERY SET

FREE VERSIONS OF MDS APP

ILAC-MRA
OCOL

USB DATA/CHARGING
CABLE

MICROTECH
MODBUS

OPTIONAL

DATA MET BUTTON

DATA MET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

STANDS



- 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	Reso- lution	Repea- tability	Dial face	Accu- racy	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

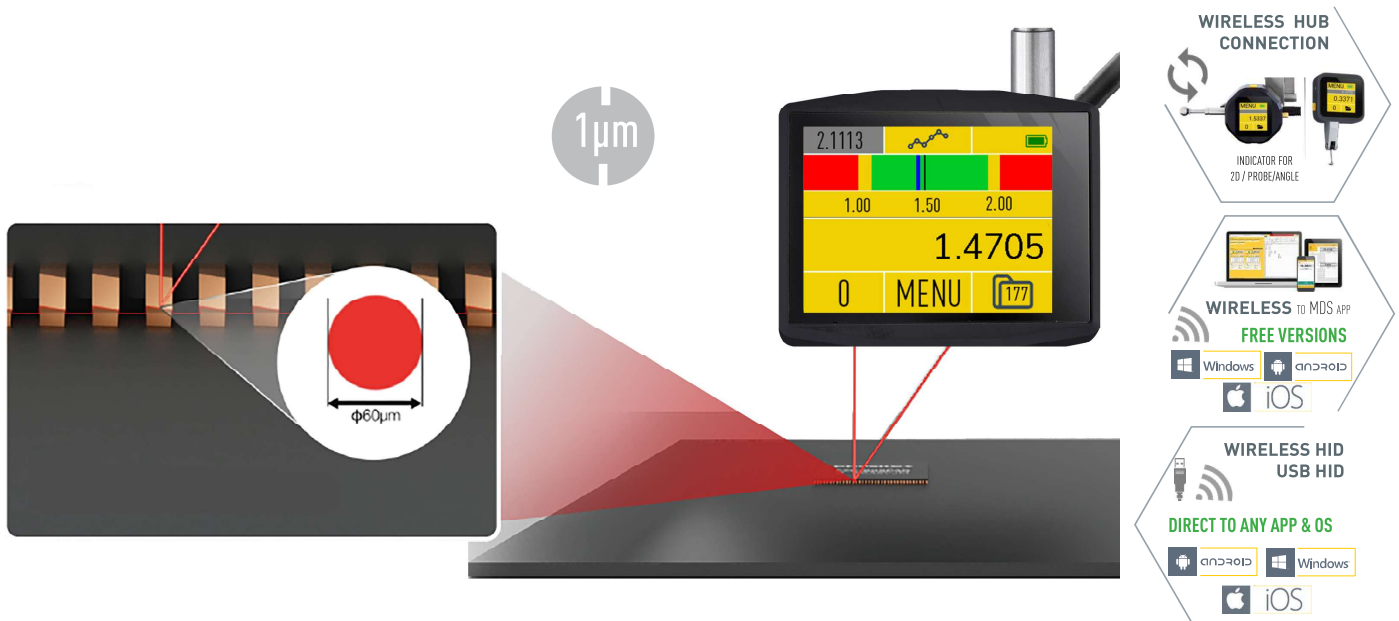
DELIVERY SET



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- lution	Accu- racy*	Clamping 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"	0,001	±20	8-h6	IP67	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
120177600	±60	±2.25"		±60			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

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

DELIVERY SET

FREE VERSIONS OF MDS APP

USB DATA/CHARGING CABLE

DataMet interface

CONNECTION possibilities

DOWNLOAD MDS app WINDOWS

OPTIONAL

DATA MET BUTTON

DATA MET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

STANDARD MDS app

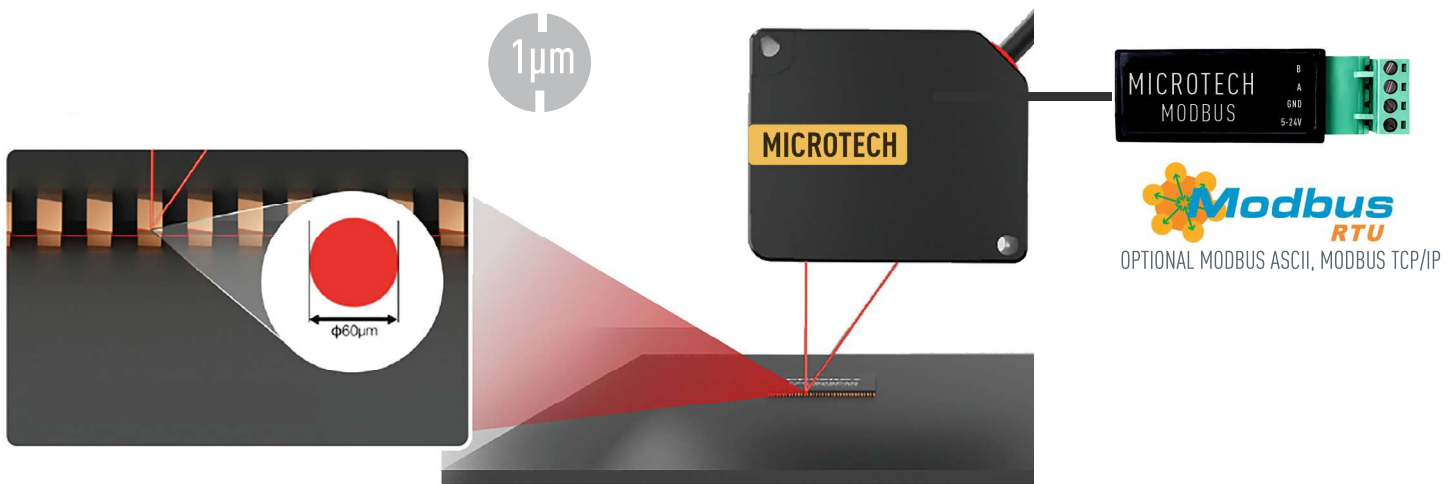
STANDS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

MODBUS LASER INDICATOR IP67

- **MODBUS RTU** LASER indicator (OLED display), IP67 water-dust proof
- LASER **DataMet** computerized indicator with 0.001mm resolution (adjust 0,001/0,01mm)
- Clamping \emptyset 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))



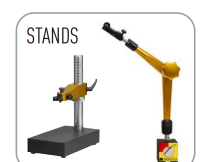
Item No	Range		Resolution	Accuracy*	Clamping Diameter	Proof	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
	mm	inch							
120177040M	±4	±0.15"	0,001	±8	8-h6	IP67	•	option	option
120177200M	±20	±0.75"		±20					
120177600M	±60	±2.25"		±60					

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

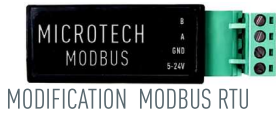
DELIVERY SET



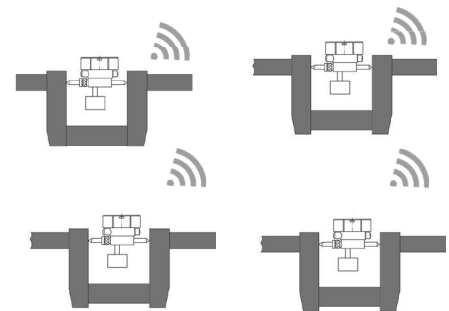
OPTIONAL



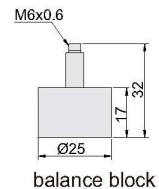
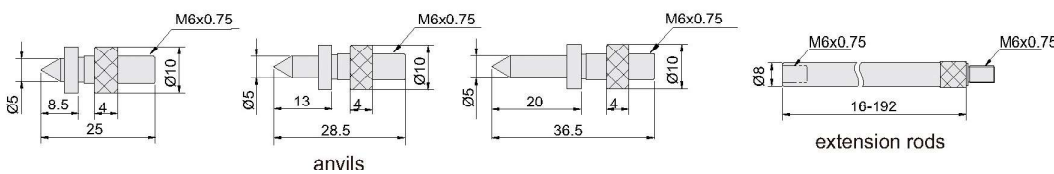
- Industry 4.0 adopted sub-micron Computerized crankshaft tester with computerized MICS system with 1,54" color Touchscreen
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- Memory manager: 2000 values, Folders system, 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))



CONNECTION TO IoT DISPLAY UNIT OR PC WITH MDS APP



0,1µm



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

DOWNLOAD
MDS app WINDOWS

DOWNLOAD
MDS app iOS, MacOS

DOWNLOAD
MDS app ANDROID

DELIVERY SET

OPTIONAL

FREE VERSIONS OF MDS APP

USB DATA/CHARGING CABLE

CALIBRATION PROTOCOL

DATAmet BUTTON

DATAmet FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

STANDARD MDS app

DataMet CO-AXIAL CENTERING INDICATOR

- 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



Item No	Measuring range		Reso- lution	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	•	•	•	•	•	•	•	•	•	•	•	•	•	•
					curved feeler -3pcs	•	•	•	•	•	•	•	•	•	•	•	•	•	•

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

DIAL GAUGE STAND STEEL TABLE WITH HANDWHEEL MOVEMENT

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

HANDWHEEL MOVEMENT

ADJUSTABLE X AXIS



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							
161057420	200x100x50	165x100	00	D22x180				8	4,0
161057442	250x200x50	200x200	00	D35x210	•	•		8	10,6
161057471	400x250x50	350x250	00	D35x230	•		•	8	17,5



DIAL GAUGE STAND CERAMIC

- 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)



10x HARDER AND WEAR-RESIST THAN GRANITE

CERAMIC BASE

TOP QUALITY
 **GERMAN MADE**

Item No	CERAMIC Measuring table			Column	Clamp hole D	Weight
	Table size	Measuring surface	Gr			
	mm	mm				
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



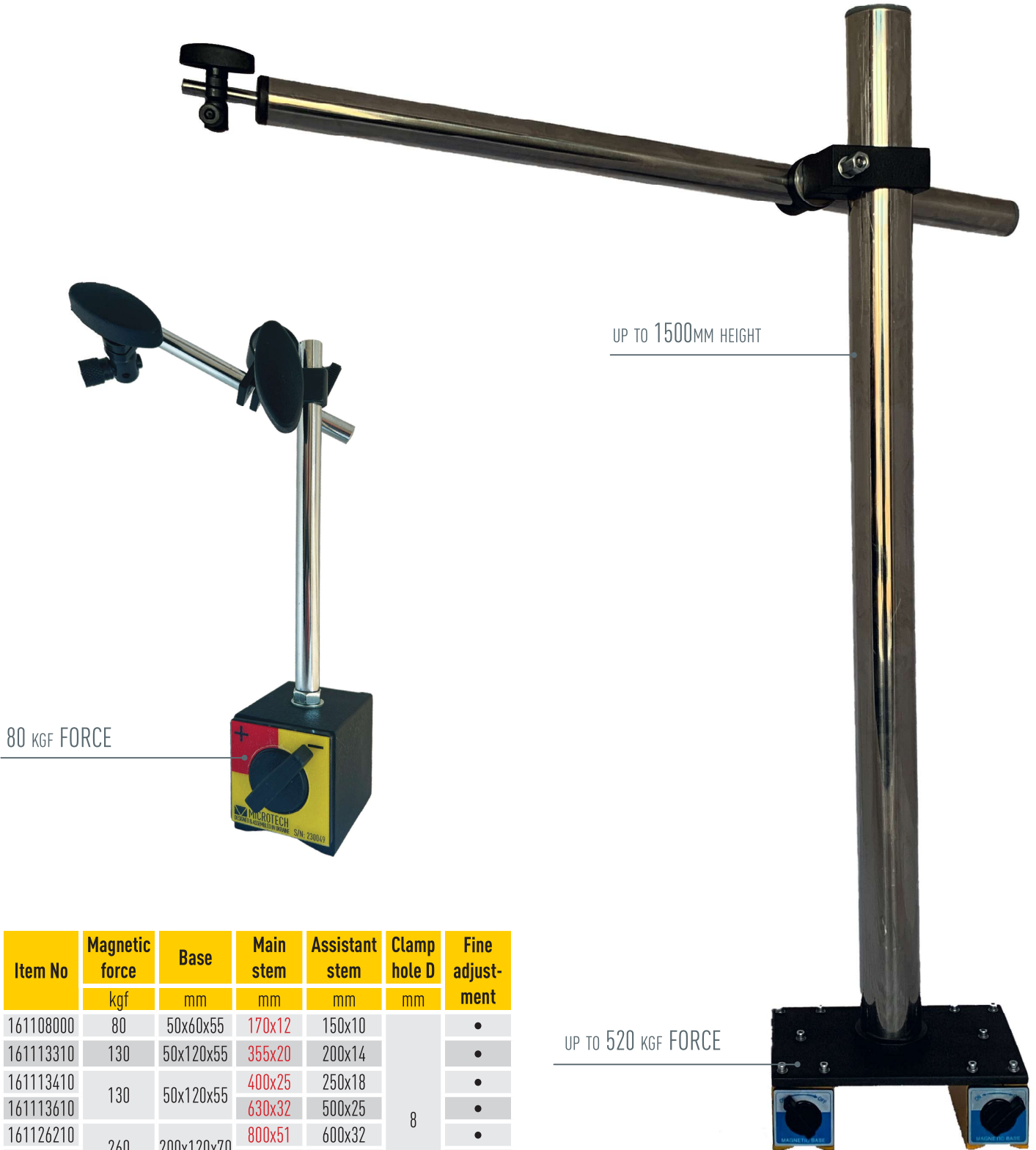
Item No	Magnetic force	Base	Length	Clamp		Weight
				D	dovetail	
	kgf	mm	mm	mm		kg
161110900	100	74x50x55	400	8	+	2



- 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



80 KGF FORCE

UP TO 1500MM HEIGHT

UP TO 520 KGF FORCE

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