

MANUFACTURING RESEARCH&DEVELOPING

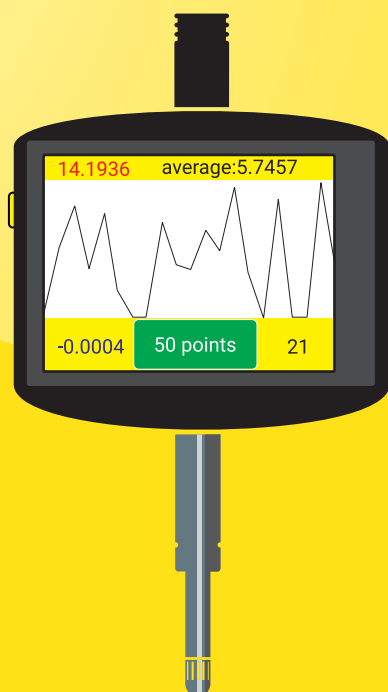
CATALOGUE 66_EN 2024



MICROTECH

est. 1995

U K R A I N E



ONLY INNOVATIVE MEASURING INSTRUMENTS

WHAT IS MICROTECH

INDUSTRY 4.0
INSTRUMENTS

110+
PATENTS
DEVELOPED

40+
DISTRIBUTORS
WORLDWIDE

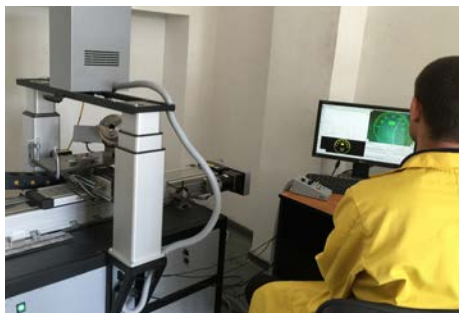


ISO9001:2015

CE, ROHS
CERTIFICATION

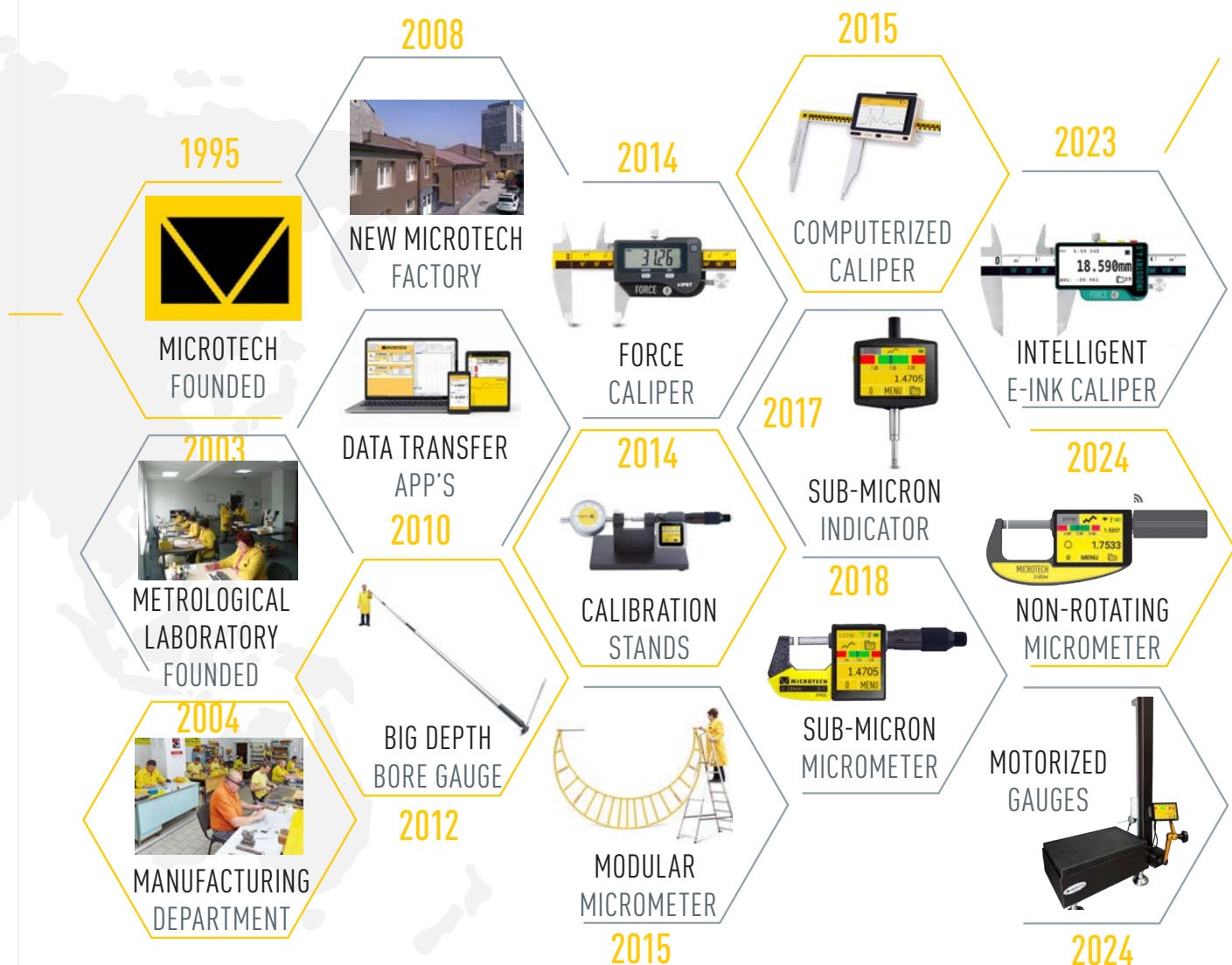


ISO17025:2017



MANUFACTURING DEPARTMENTS IN KYIV AND KHARKIV (UKRAINE)

MICROTECH INNOVATIONS



ISO17025:2017 ACCREDITED METROLOGY LABORATORY



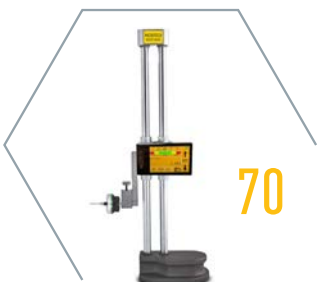
8

DATA TRANSMISSION & SOFTWARE



58

DEPTH CALIPERS



70

MANUAL & MOTORIZED HEIGHT GAUGES



112

INTERNAL MEASUREMENTS



126

DIAL GAGE STANDS



130

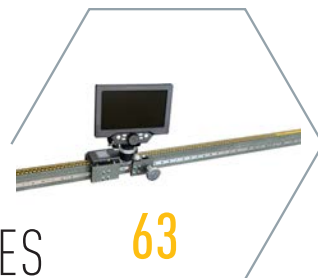
THICKNESS GAUGES

CALIPERS



12

SCALES



63

MICROMETERS



80

INDICATORS



118

CALIPER GAUGES



128

138



BORE GAUGES



152

PROTRACTORS



154

MEASURING STANDS



165

PORTABLE HARDNESS TESTERS

FORCE TESTERS AND STANDS

RADIUS GAUGES



148

LEVELS



153

CALIBRATION EQUIPMENT



160



168

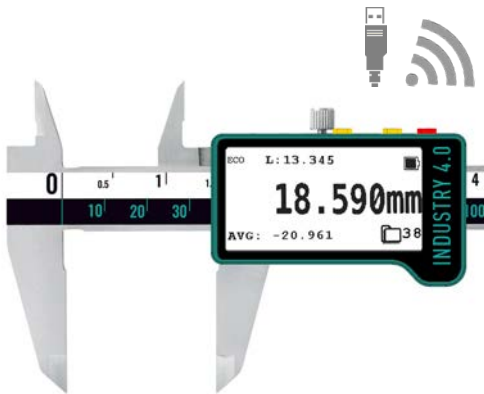
WIRELESS INSTRUMENTS



3 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)

E-INK INSTRUMENTS



4 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)

EXTRA FUNCTIONS: DATA TRANSFER from MEMORY, by TIMER

COMPUTERIZED INSTRUMENTS



5 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)
- HUB (2D, Probe) synchronization (Slave device)

EXTRA FUNCTIONS: DATA TRANSFER from MEMORY, FOLDERS, TIMER

TABLET INSTRUMENTS



6 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)
- HUB (2D, Probe)synchronization (Slave device)
- HUB (2D, Probe) synchronization (Master device)

EXTRA FUNCTIONS: DATA TRANSFER from MEMORY, FOLDERS, GRAPHIC, SYNCHRONIZED DEVICE, TIMER

MICROTECH INSTRUMENTS FUNCTIONS

MICROTECH 



TABLET



E-INK



DIGITAL USB



COMPUTERIZED



DIGITAL WIRELESS

Functions		COMPUTERIZED				DIGITAL	
		TABLET LAB	TABLET	COMPUTERIZED	E-ink	WIRELESS	USB
Display		Color 3,5"	Color 2,4"	Color 1,54"	Mono 2,13"	Digital	
Resolution		480x320	320x240	240x240	250x122		
Touchscreen		•	•	•	•		
Charging socket		Micro-USB IP67					
Rechargeable battery		•	•	•	•		
Battery status		•	•	•	•		
Energy saving modes		•	•	•	•	•	•
Auto sleep on		•	•	•	•	•	•
Memory	val.	50000	2000	2000	1000		
	Folders	•	•	•			
	Statistics	•	•	•	•		
	Data transfer	•	•	•	•		
Connection	Wireless	Long range to MDS app for Windows, Android, iOS, MacOS (Free & Pro version)					
	Wireless HID	HID connection direct to any app and OS (like keyboard) with format config					
	Wireless HID+MAC	HID connection direct to any app and OS (like keyboard) with MAC address					
	USB HID	HID USB connection direct to any app and OS (like keyboard) with format config					HID USB
HUB mode	Modbus/PLC	option	option				
	2D master	Wireless Sync like Master					
	2D slave	Wireless Sync like Slave device					
3D Probes operating	Probe mode	Wireless Sync with ext Probes					
	Manual mode	•					
3D Probes operating	Auto mode	•					
	Geometric measuring	•					
Motor-driven operation		option					
External joystick		option					
Connection status		•	•	•	•		
Preset		Preset manager with quick activating			•	option	option
Adjustable Analog scale		•	•				
Formula		•	•	•	•		
Limits (Go/NoGo)		•	•	•	•		
Peak (Min/Max)		•	•	•	•		
Last value (HOLD)		•	•	•	•		option
Resolution selection		•	•	•	•		
mm/inch selection		•	•	•	•	•	•
Formula		•	•	•	•		
Linear correction		•	•	•	•		
Temperature correction		•	•	•			
Timer		•	•	•	•		
Calibration date		•	•	•	•		
Password manager		•	•	•			
User manager		•					
Firmware update		•	•	•	•		

	MDS for iOS	MDS for Android
	FREE	FREE
	299100060	299100040
Platform	iOS, MacOS (M1+)	Android 6.0 +
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	•	•
Device battery status indication	•	•
Voice mode	•	•
Multilanguage	3 language	12 languages



MDS APP FOR WINDOWS

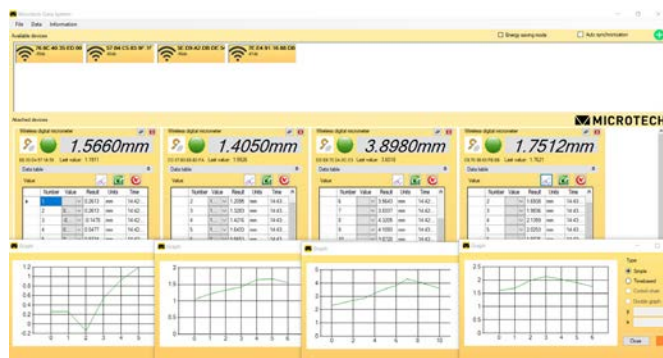
- **FREE** version can be downloaded/ **STANDARD & PRO** versions supplying on USB-stick
- **Functions:** Go/NoGo, Timer, Linear correction, Statistics mode, Data Export, Graphic
- **USB-DONGLE REQUESTED**



USB-DONGLE



MDS app for Windows			
	FREE	STANDARD	PRO
	299100530	299100550	299100570
Platform	Windows 7, 8, 10, 11		
Max. instruments	1	4	32
USB-dongles (max qty)	1	1	8
Standard/Energy saving mode	•	•	•
Autoconnection	•	•	•
Filtering MICROTECH devices	•	•	•
Data reading Synchronizing		•	•
User manager	•	•	•
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		



ACCESSORIES FOR MDS APP

MICROTECH 

Item No	Type
299100550	MDS 5.0 STANDARD app for Windows
299100570	MDS 5.0 PRO app for Windows
299190001	USB-Dongle for Windows (max 3 connect)
299190002	USB-Dongle for Windows (max 8 connect)
299190004	1m Cable extension for USB-Dongle
299190005	1m USB hub (4-ports) for USB-Dongles
299190000	USB-Footswitch for Windows
29990011	IoT data button (Instruments only)
29990012	IoT data button (Instruments/MDS)
29990013	IoT data button+Footswitch (Instruments/MDS)



299100550



299190001



299190004



299190000



29990013

CONNECTION SET FOR WINDOWS

STANDARD MDS data set 



STANDARD MDS app

SET for 3 instruments Wireless connection

PRO MDS data set 



PRO MDS app

SET for 6 instruments Wireless connection

PRO+ MDS data set 



PRO MDS app

SET for 12 instruments Wireless connection

Item No	Type	ACCESSORIES in SET			Recommended connected devices
		Application	USB-dongles	Cable-Extensions	
299110504	STANDARD MDS data set	MDS 5.1 STANDARD app for Windows	1	1	3
299110810	PRO MDS data set	MDS 5.1 PRO app for Windows	2	2	6
299110840	PRO+ MDS data set	MDS 5.1 PRO+ app for Windows	4	4	12

USB DATA CABLE FOR DIGITAL INSTRUMENTS

INPUT



OUTPUT

DIRECT TO EXCELL OR ANY OTHER APP



Item No	Type	Devices
141083000	USB HID DATA TRANSFER CABLE 2.5M DIRECT DATA TRANSFER, LIKE A KEYBOARD	Digital calipers IP54 Digital indicators IP65

MADE IN UKRAINE

- IoT Display units
- **CONNECTION** with MICROTECH instruments
- **Functions:** Go/NoGo, Timer, Linear correction, Statistics mode, Data Export, Graphic
- Modification with Built-in rechargeable Li-Pol battery
- **CUSTOM FUNCTIONS FOR REQUEST**



299999001 **IOT MDS PRO**



INPUT-OUTPUT



SAVING DATA
TO XLS, CSV
FORMATS



SAVING
GRAPH



RJ-45

IoT MDS CONNECT DISPLAY UNITS

		COMPACT	IP67	PRO
Type				
Item No		299999008	299999003	299999001
Touchscreen Display		3.5" (320x240)	10" (1280x800)	11.6" (1920x1080)
Protection		IP65	IP67	
Platform		MICS4.0	Windows 10 / MDS 5.1	PRO
INPUT CONNECTION	USB-DONGLES	-	1 (max 2)	1 (max 8)*
	WIRELESS	4	8 (max16)	8 (max 32)
	WIRELESS HID	-	8	8
	USB HID	-	2	4 (max64)*
DATA OUTPUT & EXPORT	WIRELESS & USB HID	•		
	MODBUS	option		
	WI-FI		•	•
	USB port	1	2+1	4
	RJ-45		•	•
	RS-232		1	3
	RS-485			1
	Cardreader		•	•
	HDMI		•	•
FUNCTIONS	Autoconnection	•	•	•
	Reading Synchronizing	•	•	•
	User manager		•	•
	Foot-Switch connection	option	•	•
	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		•	•
ACCESSORIES	Multilanguage		10 languages 1 (optinal 8)	
	USB-DONGLES			
	USB-Footswitch		option	option
	Wireless-Footswitch		option	option
Rechargeable Built in Li-Pol battery		2000 mAh	8000mAh	-
Dimensions, mm		105x60x20	280x184x26	283 x 177 x 73
Weight, kg		0,4	1,15	1,25



299999003

IOT MDS IP67



29999901



IOT MDS PRO

OPTIONAL ACCESSORIES



299190001



299190000

- IoT multifunction DATA button
- **CONNECTION** with MICROTECH instruments / MDS app for WINDOWS
- Modification with External FOOTSWITCH connection
- Built-in rechargeable Li-Pol battery
- **CUSTOM FUNCTIONS FOR REQUEST**

29990011



29990012



29990013



IoT DATA BUTTON					
Item No		29990011	29990012	29990013	
DATA OUTPUT	WIRELESS	•	•	•	
CONNECTING	Reading Synchronizing		•	•	
	MDS app		•	•	
	WINDOWS		•	•	
External FOOTSWITCH				•	
FUNCTIONS	Autoconnection	•	•	•	
	Reading Synchronizing	•	•	•	
	Save data to internal memory	•	•	•	
	Timer activation	•	•	•	
	LED status indication	•	•	•	
Rechargeable Built in Li-Pol battery		500 mAh	500 mAh	500 mAh	
Dimensions, mm		60x60x20	60x60x20	60x60x20	
Weight, kg		0,2	0,2	0,2	

OPTIONAL ACCESSORIES



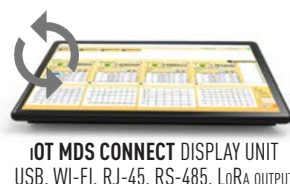
IoT MDS CONNECT DISPLAY UNIT
USB, WI-FI, RJ-45, RS-485, LoRa OUTPUT

- **Industry 4.0** adopted E-Force caliper with computerized MICS system (Patents US10184772, UA174949, UA126928)
- **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- lution	Accu- racy*	eForce	Jaws	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																
141097015A	0-150	0-6"		±5		40/16	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•
141097020A	0-200	0-8"	0,001	±8	1-20	50/17	•	•	•	•	•	•	•	•	•	•	•	1000 val	•	•	•	•
141097030A	0-300	0-12"		±10		60/20	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•

OPTIONAL ACCESSORIES



DOWNLOAD APP

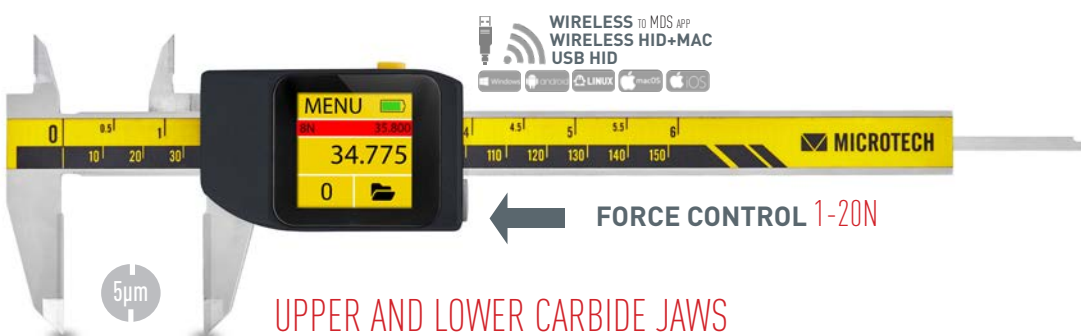


*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1



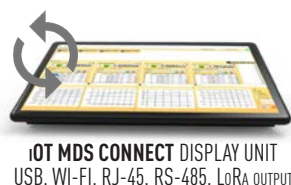
Item No	Range		Reso- lution	Accu- racy*	eForce	Jaws	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr.	Calibr date	Recharge	Auto off	Password	Memory	Statistics	WIRELESS	USB HID
	mm	inch																			
141077015A	0-150	0-6"	0,005	±10	1-20	40/16	•	•	•	•	•	•	•	•	•	•	•	1000 val	•	•	•
141077020A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

COMPUTERIZED E-FORCE CALIPER CARBIDE JAWS



Item No	Range		Reso- lution	Accu- racy*	eForce	Jaws	CARBIDE	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr.	Calibr date	Recharge	Auto off	Password	Memory	Statistics	WIRELESS	USB HID
	mm	inch																				
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	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•

OPTIONAL ACCESSORIES



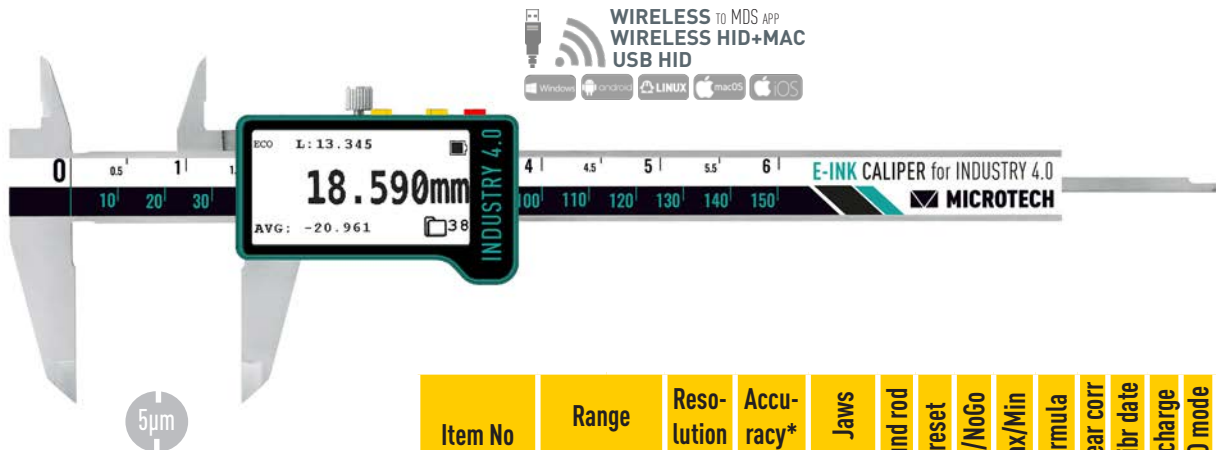
DOWNLOAD APP



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

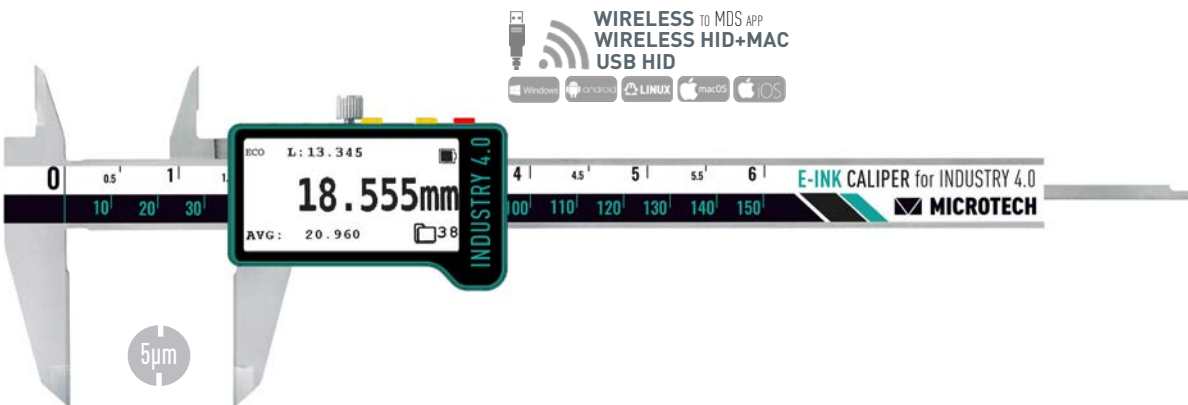
MADE IN UKRAINE

- Industry 4.0 adopted Intelligent caliper with computerized MICS system (Patents US10184772, UA174949, UA126928)
- **ENERGY ECONOMY** 2.13" E-ink display (200+ working hours / 1 charging)
- **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))



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

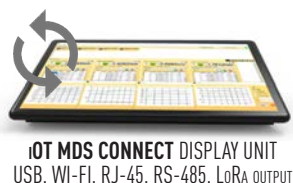
E-INK CALIPER CARBIDE JAWS



UPPER AND LOWER CARBIDE JAWS

Item No	Range		Resolution	Accuracy*	Jaws	Carbide	Preset	Go/NoGo	Max/Min	Formula	Linear corr	Calibr date	Recharge	ECO mode	Memory	Statistics	WIRELESS	USB HID
	mm	inch																
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	•	•	•	•	•	•	•	•	•		•	•	•

OPTIONAL ACCESSORIES

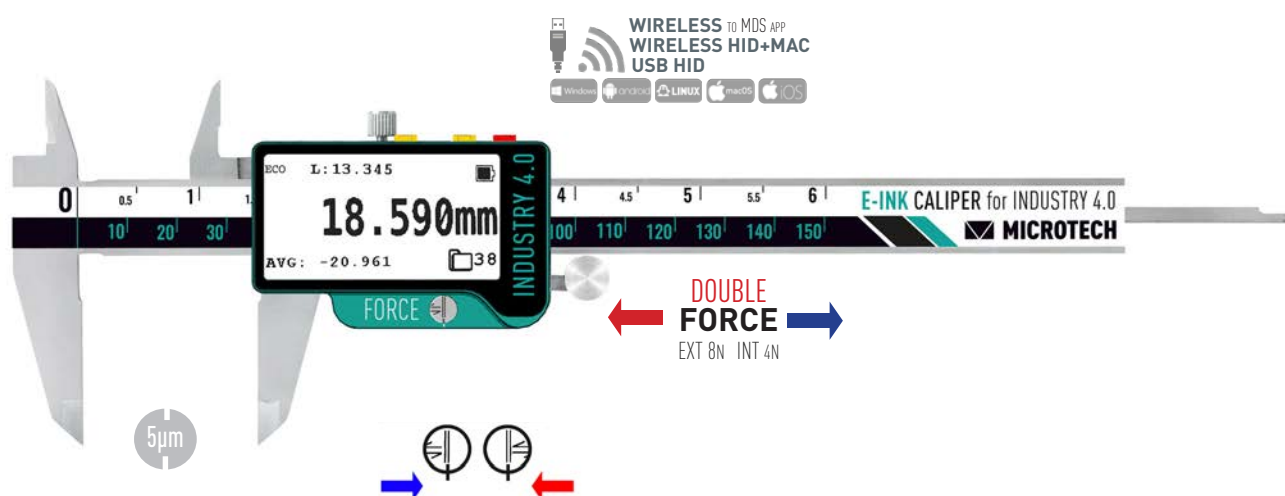


DOWNLOAD APP



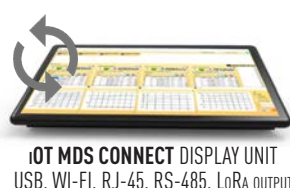
*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

- **Industry 4.0** adopted Intelligent caliper with computerized MICS system (Patents US10184772, UA174949, UA126928)
- **ENERGY ECONOMY** 2.13" E-ink display (200+ working hours / 1 charging)
- **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))



Item No	Range		Reso- lution	Accu- racy*	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	µm	N	mm														
141093015F	0-150	0-6"	0,005	±10	8 / 4	40/16		•	•	•	•	•	•	•	•	1000 val	•	•	•	
141093015FR							•	•	•	•	•	•	•	•	•		•	•	•	•
141093020F	0-200	0-8"				50/17		•	•	•	•	•	•	•	•		•	•	•	•
141093030F	0-300	0-12"				±15		60/20		•	•	•	•	•	•		•	•	•	•

OPTIONAL ACCESSORIES



DOWNLOAD APP

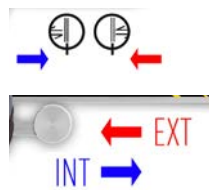
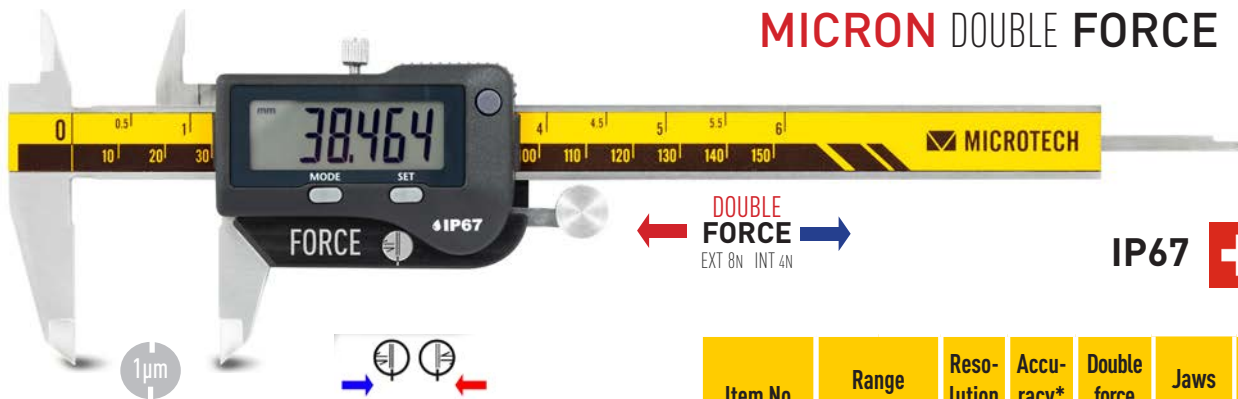


*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

MADE IN UKRAINE

- **Double Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- Waterproof **IP67** Swiss electronics with 0.01 or 0.001mm resolution
- High accuracy up to $\pm 5\mu\text{m}$ on external jaws (internal and depth according ISO13385)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

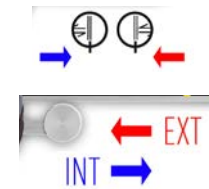
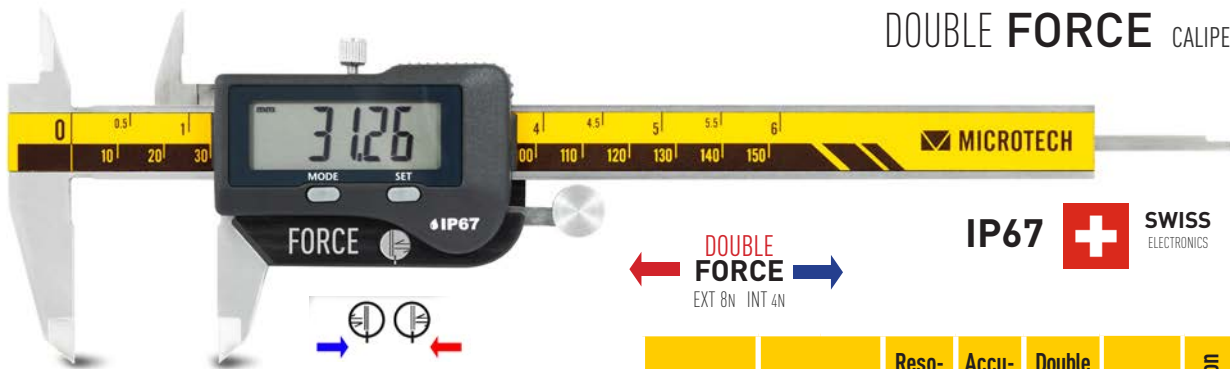
MICRON DOUBLE FORCE CALIPER IP67



Item No	Range		Reso- lution	Accu- racy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off
	mm	inch	mm	μm	N	mm				
141079122	0-150	0-6"		± 5	8 ext	40/16		•	•	•
141079222	0-200	0-8"	0,001	± 8		50/17	IP-67	•	•	•
141079322	0-300	0-12"		± 10	4 int	60/20		•	•	•

IP67  **SWISS**
ELECTRONICS

DOUBLE FORCE CALIPER IP67



Item No	Range		Reso- lution	Accu- racy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off
	mm	inch	mm	μm	N	mm				
141078122	0-150	0-6"		± 10	8 ext	40/16		•	•	•
141078222	0-200	0-8"	0,01	± 10		50/17	IP-67	•	•	•
141078322	0-300	0-12"		± 20	4 int	60/20		•	•	•

IP67  **SWISS**
ELECTRONICS

DOUBLE FORCE CALIPER IP67 **CARBIDE JAWS**



**UPPER AND LOWER
CARBIDE JAWS**

Item No	Range		Reso- lution	Accu- racy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off
	mm	inch	mm	μm	N	mm				
141078122C	0-150	0-6"		± 10	8 ext	40/16		•	•	•
141078222C	0-200	0-8"	0,01	± 10		50/17	IP-67	•	•	•
141078322C	0-300	0-12"		± 20	4 int	60/20		•	•	•

IP67  **SWISS**
ELECTRONICS

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

WIRELESS DOUBLE FORCE CALIPER IP67

MICROTECH 

- Double 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)
- Waterproof IP67 Swiss electronics with 0.01 or 0.001mm resolution and built-in MICROTECH WIRELESS data transfer module
- 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 DOUBLE FORCE CALIPER IP67



WIRELESS TO MDS APP
WIRELESS HID+MAC

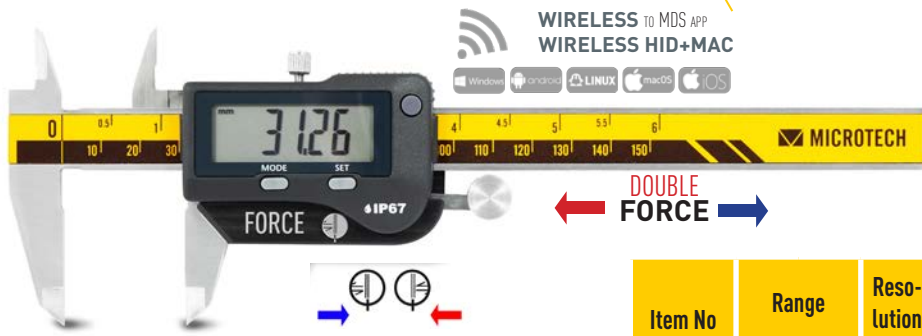
Windows Android LINUX macOS iOS

IP67  SWISS ELECTRONICS

DOUBLE FORCE

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	± 5	8 ext	40/16	IP-67	•	•	•	•
141079292	0-200	0-8"		± 8	50/17	•		•	•	•	
141079392	0-300	0-12"		± 10	60/20	•		•	•	•	

WIRELESS DOUBLE FORCE CALIPER IP67



WIRELESS TO MDS APP
WIRELESS HID+MAC

Windows Android LINUX macOS iOS

IP67  SWISS ELECTRONICS

DOUBLE FORCE

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	± 10	8 ext	40/16	IP-67	•	•	•	•
141078292	0-200	0-8"		± 10	50/17	•		•	•	•	
141078392	0-300	0-12"		± 20	60/20	•		•	•	•	

WIRELESS DOUBLE FORCE CALIPER IP67 CARBIDE JAWS



WIRELESS TO MDS APP
WIRELESS HID+MAC

Windows Android LINUX macOS iOS

IP67  SWISS ELECTRONICS

DOUBLE FORCE
EXT 8N INT 4N

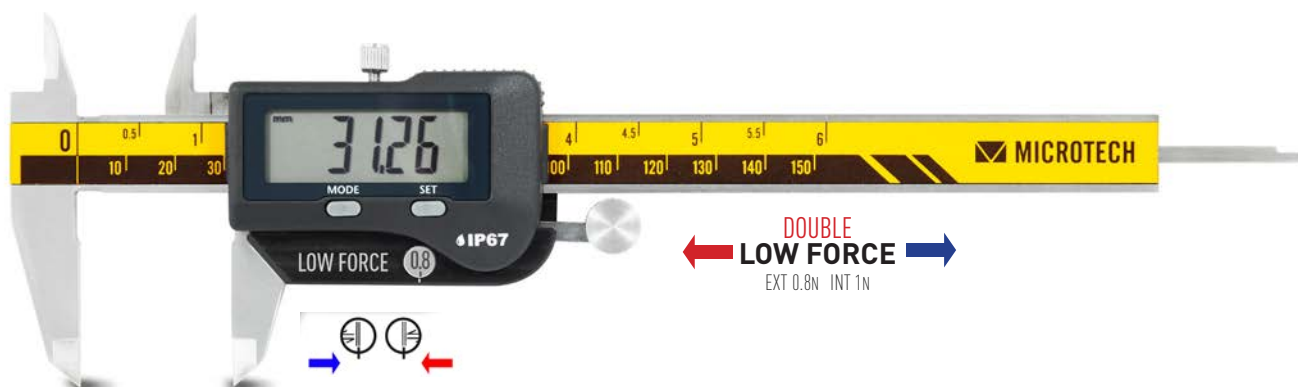
UPPER AND LOWER CARBIDE JAWS

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	± 10	8 ext	40/16	IP-67	•	•	•	•
141078292C	0-200	0-8"		± 10	50/17	•		•	•	•	
141078392C	0-300	0-12"		± 20	60/20	•		•	•	•	

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

MADE IN UKRAINE

- Double LOW Force control module with 0.8N external and 1N internal FORCE for SOFT materials (Patents US10429165)
- Waterproof **IP67** Swiss electronics
- Calibration certificate included (ISO17025 (Ilac MRA))



FOR SOFT MATERIALS

Item No	Range		Reso- lution	Accu- racy*	Double Low force	Jaws	Protection	Preset	mm/inch	Auto on/off
	mm	inch	mm	μm	N	mm				
141077153	0-150	0-6"	0,01	±30	0,8 ext	40/16	IP-67	•	•	•
141077253	0-200	0-8"		±30	1 int	50/17		•	•	•
141077353	0-300	0-12"		±40		60/20		•	•	•

WIRELESS DOUBLE LOW FORCE CALIPER IP67

- Double LOW Force control module with 0.8N external and 1N internal FORCE for SOFT materials (Patents US10429165)
- Waterproof **IP67** Swiss electronics with PRESET function and built-in MICROTECH **WIRELESS** data transfer module
- **3 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Calibration certificate included (ISO17025 (Ilac MRA))



FOR SOFT MATERIALS

Item No	Range		Reso- lution	Accu- racy*	Double Low force	Jaws	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	μm	N	mm					
141077193	0-150	0-6"	0,01	±30	0,8 ext	40/16	IP-67	•	•	•	•
141077293	0-200	0-8"		±30	1 int	50/17		•	•	•	•
141077393	0-300	0-12"		±40		60/20		•	•	•	•

OPTIONAL ACCESSORIES



ACCESSORIES FOR DATA TRANSFER



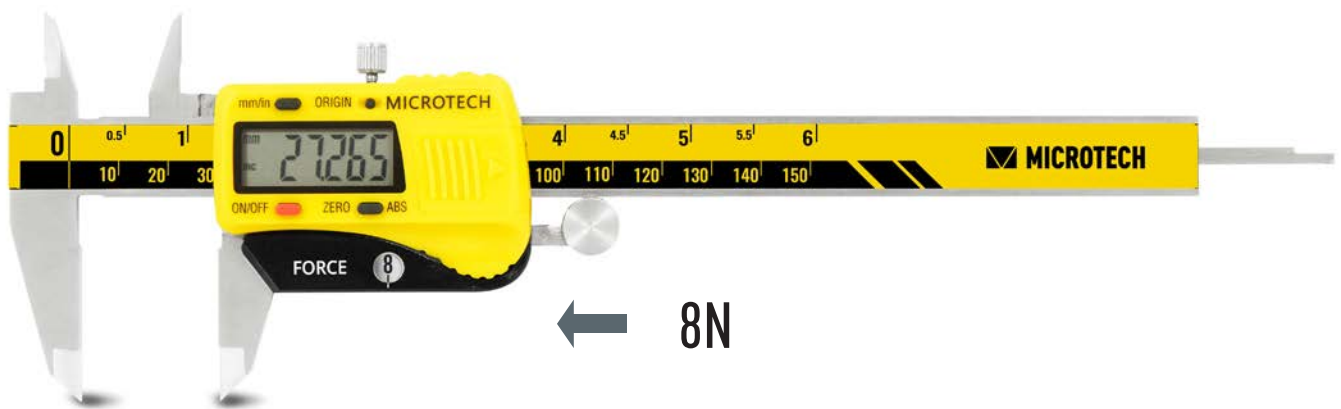
iOT MDS CONNECT DISPLAY UNIT
USB, WI-FI, RJ-45, RS-485, LoRa OUTPUT

DOWNLOAD APP



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

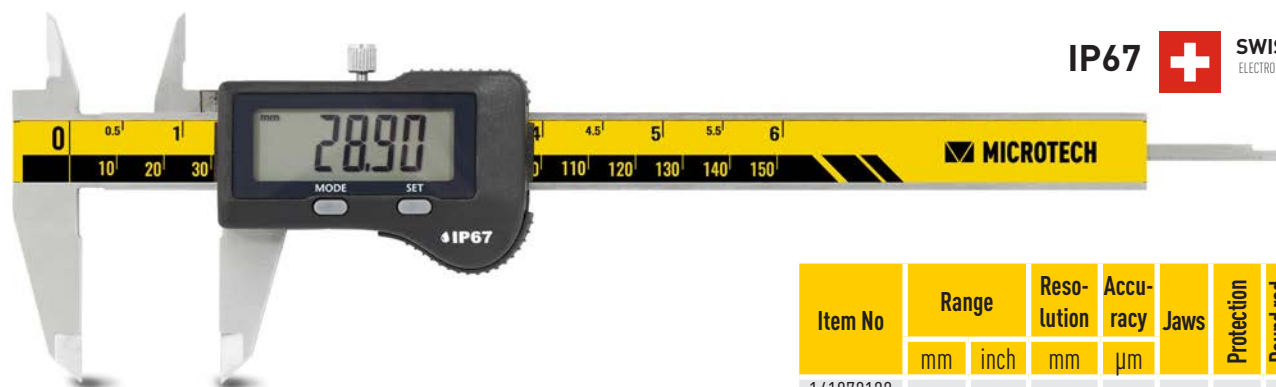
- Force control module with 8N external FORCE (Patents US10429165, UA146381)
- High accuracy up to $\pm 10\mu\text{m}$ on external jaws (internal and depth according ISO13385)
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range		Resolution	Accuracy*	Force	Protection
	mm	inch		μm		
141088152	0-150	0-6"	0,005	± 10	8	IP-54
141088252	0-200	0-8"		± 10		
141088352	0-300	0-12"		± 15		

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

- Waterproof **IP67** Swiss electronics with PRESET function
- High accuracy up to $\pm 20\mu\text{m}$ on external jaws (internal and depth according ISO13385)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



IP67  **SWISS**
ELECTRONICS

Item No	Range		Reso- lution	Accu- racy	Jaws	Protection	Round rod	Preset	mm/inch	Auto on/off
	mm	inch	mm	μm						
141072122	0-150	0-6"	0,01	± 20	40/16	IP-67		•	•	•
141072122R							•	•	•	•
141072222	0-200	0-8"		± 20	50/17			•	•	•
141072322	0-300	0-12"		± 30	60/20			•	•	•

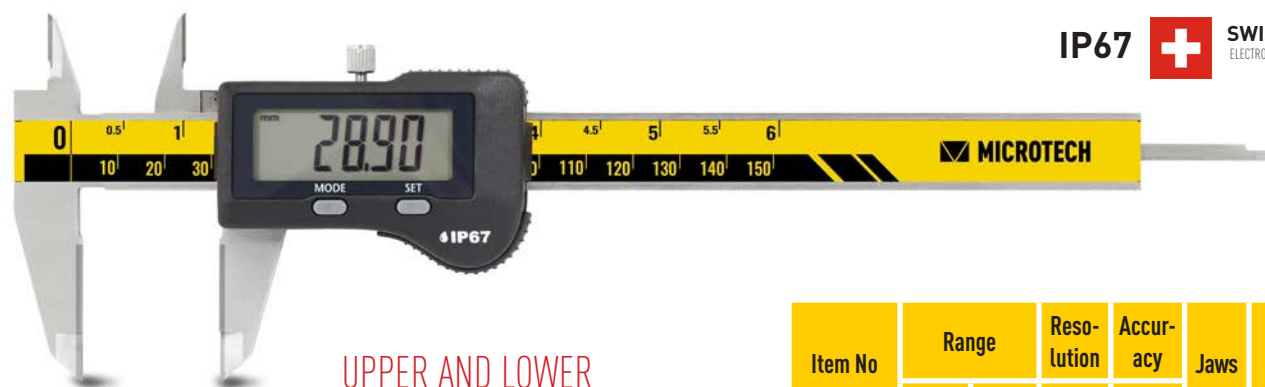
MICRON DIGITAL CALIPER IP67



IP67  **SWISS**
ELECTRONICS

Item No	Range		Reso- lution	Accu- racy	Jaws	Protection	Round rod	Preset	mm/inch	Auto on/off
	mm	inch	mm	μm						
141073122	0-150	0-6"	0,001	± 15	40/16	IP-67		•	•	•
141073122R							•	•	•	•
141073222	0-200	0-8"		± 15	50/17			•	•	•
141073322	0-300	0-12"		± 20	60/20			•	•	•

PRECISION DIGITAL CALIPER IP67 CARBIDE JAWS



IP67  **SWISS**
ELECTRONICS

UPPER AND LOWER
CARBIDE JAWS

Item No	Range		Reso- lution	Accur- acy	Jaws	Protection	Preset	mm/inch	Auto on/off
	mm	inch	mm	μm					
141072122C	0-150	0-6"	0,01	± 20	40/16	IP-67	•	•	•
141072222C	0-200	0-8"		± 20	50/17		•	•	•
141072322C	0-300	0-12"		± 30	60/20		•	•	•

WIRELESS DIGITAL CALIPER IP67

MICROTECH 

- Waterproof **IP67** Swiss electronics with PRESET function and built-in MICROTECH **WIRELESS** data transfer module
- High accuracy up to $\pm 20\mu\text{m}$ on external jaws (internal and depth according ISO13385)
- **3 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Calibration certificate included (ISO17025 (ILAC MRA))



WIRELESS TO MDS APP
WIRELESS HID+MAC
    

IP67  SWISS ELECTRONICS

Item No	Range		Reso- lution	Accu- racy	Jaws	Protection	Round rod	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	μm							
141072192	0-150	0-6"	0,01	± 20	40/16	IP-67		•	•	•	•
141072192R				± 20	50/17		•	•	•	•	•
141072292	0-200	0-8"		± 20	60/20			•	•	•	•
141072392	0-300	0-12"		± 30			•	•	•	•	•

MICRON WIRELESS DIGITAL CALIPER IP67



WIRELESS TO MDS APP
WIRELESS HID+MAC
    

IP67  SWISS ELECTRONICS

Item No	Range		Reso- lution	Accu- racy	Jaws	Protection	Round rod	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	μm							
141073192	0-150	0-6"	0,001	± 15	40/16	IP-67		•	•	•	•
141073192R				± 15	50/17		•	•	•	•	•
141073292	0-200	0-8"		± 15	60/20			•	•	•	•
141073392	0-300	0-12"		± 20			•	•	•	•	•

WIRELESS DIGITAL CALIPER IP67 CARBIDE JAWS



WIRELESS TO MDS APP
WIRELESS HID+MAC
    

IP67  SWISS ELECTRONICS

UPPER AND LOWER
CARBIDE JAWS

Item No	Range		Reso- lution	Accu- racy	Jaws	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	μm						
141072192C	0-150	0-6"	0,01	±20	40/16	IP-67	•	•	•	•
141072292C	0-200	0-8"		±20	50/17		•	•	•	•
141072392C	0-300	0-12"		±30	60/20		•	•	•	•

OPTIONAL ACCESSORIES



ACCESSORIES FOR DATA TRANSFER



IOT MDS CONNECT DISPLAY UNIT
USB, WI-FI, RJ-45, RS-485, LoRA OUTPUT

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

DOWNLOAD APP



MADE IN UKRAINE

- 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- lution	Accu- racy	Jaws	Protection	Thumb roller	Round rod	Thumb roll	mm/inch	Auto on/off	ISR
	mm	inch	mm	µm								
141083111	0-150	0-6"	0,01	±20	40/16	IP-54			•	•	•	micro-ISR
141083112							•				•	
141083112R				•	•		•	•	•			
141083211	0-200	0-8"		±20	50/17		•		•	•	•	
141083212							•				•	
141083311	0-300	0-12"		±30	60/20				•	•	•	
141083312							•				•	

BIG SCREEN DIGITAL CALIPER IP54 CARBIDE JAWS



UPPER AND LOWER
CARBIDE JAWS

Item No	Range		Reso- lution	Accu- racy	Jaws	Protection	Thumb roll mm/inch	Auto on/off	USB
	mm	inch	mm	μm					
141083111C	0-150	0-6"	0,01	±20	40/16	IP-54	•	•	•
141083212C	0-200	0-8"		±20	50/17		•	•	•
141083312C	0-300	0-12"		±30	60/20		•	•	•

OPTIONAL ACCESSORIES



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

PRESET DIGITAL CALIPER IP54

MICROTECH

- Digital caliper IP54 waterproof with PRESET function
- Micro USB data output (optional USB HID cable **29900830**)
- Calibration certificate included (ISO17025 (Ilac MRA))



PRESET
FUNCTION

OPTIONAL ACCESSORIES



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

Item No	Range		Resolution	Accuracy	Jaws	Protection	Round rod	Preset	mm/inch	Auto on/off	USB
	mm	inch		µm							
141081112	0-150	0-6"	0,01	±20	40/16	IP-54		•	•	•	•
141081112R							•	•	•	•	•
141081212	0-200	0-8"		±20	50/17			•	•	•	•
141081312	0-300	0-12"		±30	60/20			•	•	•	•

WIRELESS CALIPER IP54

- IP54 electronics with PRESET function and built-in MICROTECH **WIRELESS** data transfer module
- **3 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- WIRELESS mode status LED indication
- Calibration certificate included (ISO17025 (Ilac MRA))



PRESET
FUNCTION

WIRELESS TO MDS APP
WIRELESS HID+MAC

WIRELESS MODE SWITCH 7s

- WIRELESS to MDS app
- WIRELESS ECO to MDS app
- WIRELESS HID
- WIRELESS HID+MAC

Item No	Range		Resolution	Accuracy	Jaws	Protection	Round rod	mm/inch	Auto on/off	WIRELESS
	mm	inch		µm						
141081192	0-150	0-6"	0,01	±20	40/16	IP-54		•	•	•
141081192R							•	•	•	•
141081292	0-200	0-8"		±20	50/17			•	•	•
141081392	0-300	0-12"		±30	60/20			•	•	•

OPTIONAL ACCESSORIES



ACCESSORIES FOR DATA TRANSFER



IoT MDS CONNECT DISPLAY UNIT
USB, WI-FI, RJ-45, RS-485, LoRa OUTPUT

DOWNLOAD APP



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

MADE IN UKRAINE

- MICRON digital caliper
- Waterproof **IP67** electronics with **1μm** resolution
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso- lution	Accu- racy	Jaws	Protection	Thumb roll	mm/inch	Auto on/off
	mm	inch	mm	μm					
141075112	0-150	0-6"		±15	40/16		•	•	•
141075212	0-200	0-8"	0,001	±15	50/17	IP67	•	•	•
141075312	0-300	0-12"		±20	60/20		•	•	•

RECHARGEABLE DIGITAL CALIPER IP54

- **RECHARGEABLE** Big screen digital caliper **IP54** waterproof in Metal casing
- Internal Li-Pol battery (USB charging cable including)
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



OPTIONAL ACCESSORIES



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

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

PRECISION

DIGITAL CALIPER IP67

- Waterproof **IP67** electronics with 5µm or 10µm resolution
- **HOLD** function
- **Calibration** certificate included (ISO17025 (Ilac MRA))



HOLD
FUNCTION

5µm

Item No	Range		Reso- lution	Accu- 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					

DIAL

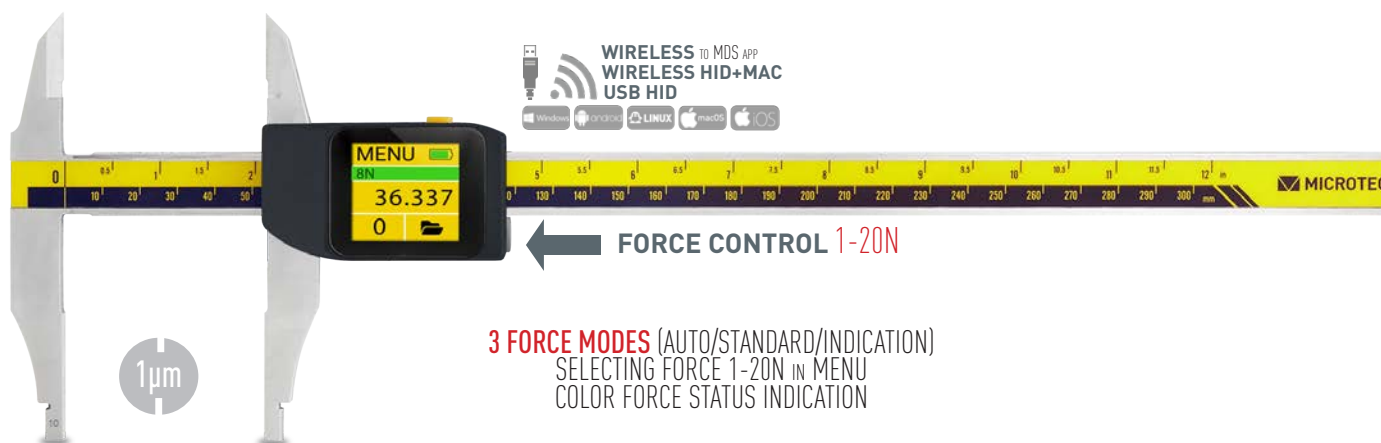
CALIPER

- Shockproof dial caliper
- **Calibration** certificate included (ISO17025 (Ilac MRA))



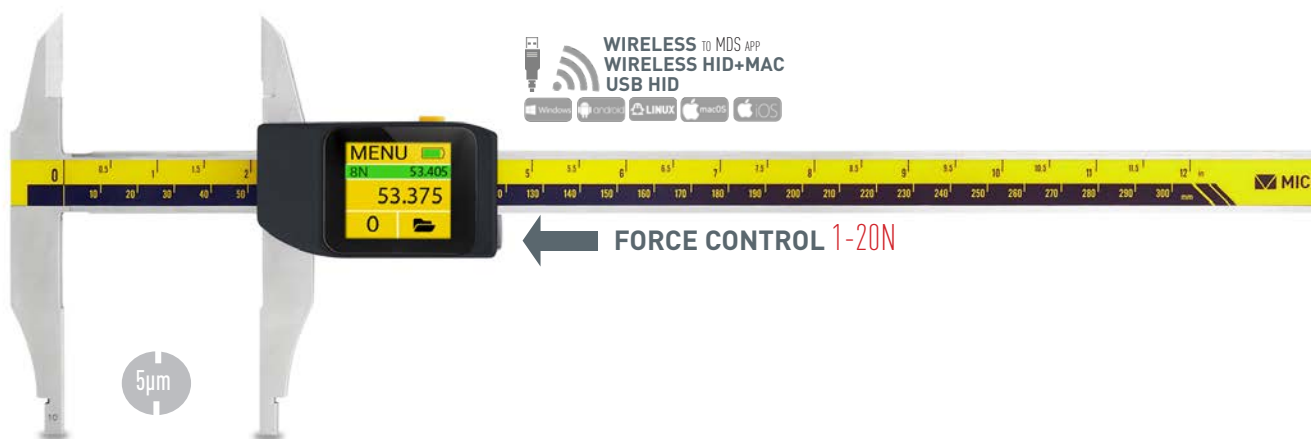
Item No	Range	Resolution	Accuracy	Display	Shock proof	Thumb roller
	mm	mm	µm			
141011150	0-150	0,01	±30	Dial	•	•
141011200	0-200		±30		•	•
141011301	0-300	0,02	±40		•	•

MADE IN UKRAINE



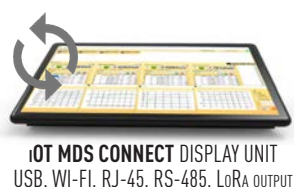
Item No	Range		Reso- lution	Accu- racy*	Force	Jaws	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Auto off	Password	Memory	Statistics	WIRELESS	USB HID
	mm	inch	mm	µm	N	mm															
141097321A	0-300	0-12"	0,001	±12	1-20	60/40	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

COMPUTERIZED E-FORCE CALIPER POINTS 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	µm	N	mm															
141077321A	0-300	0-12"	0,005	±15	1-20	60/40	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

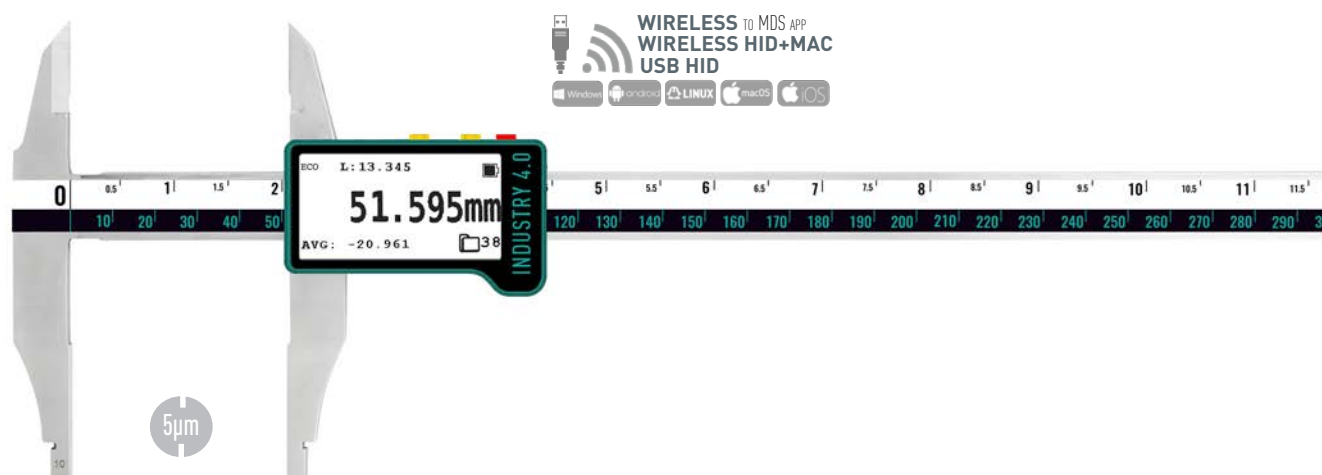
OPTIONAL ACCESSORIES



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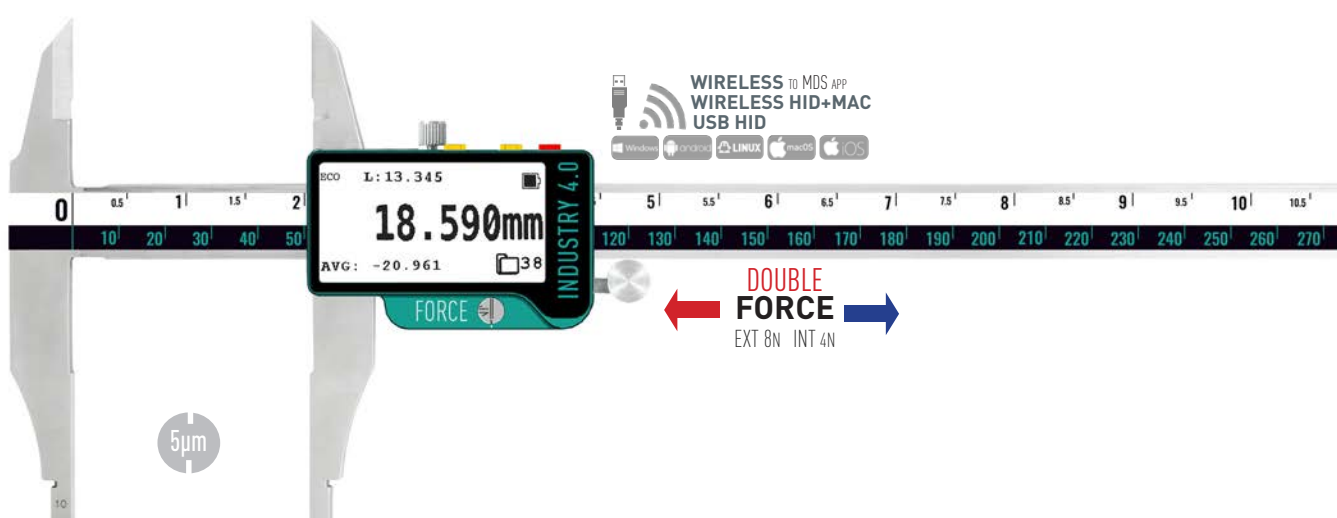


*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1



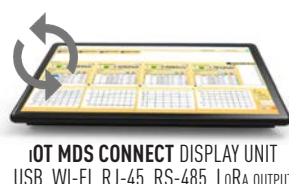
Item No	Range		Reso- lution	Accu- racy*	Jaws	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Auto off	Memory	Statistics	WIRELESS	USB HID
	mm	inch	mm	μm	mm															
141093321B	0-300	0-12"	0,005	±15	60/40	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•	•

E-INK FORCE CALIPER POINTS JAWS



Item No	Range		Reso- lution	Accu- 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	±20	8 / 4	60/40	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL ACCESSORIES



DOWNLOAD APP



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

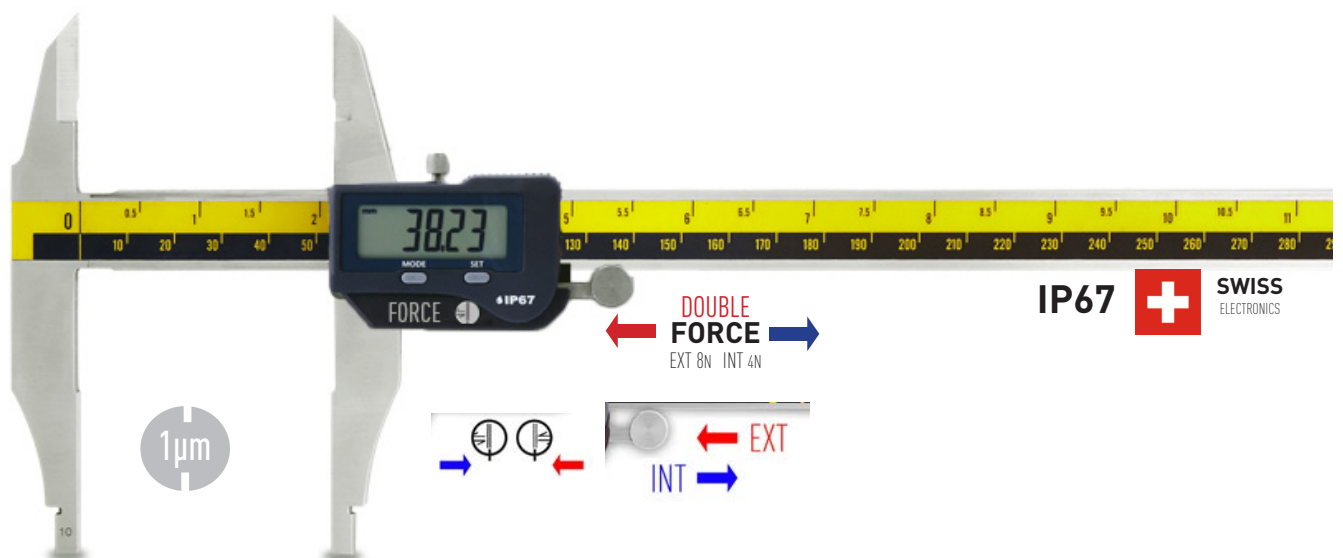
MADE IN UKRAINE



IP67  **SWISS**
ELECTRONICS

Item No	Range		Reso- lution	Accu- racy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off
	mm	inch	mm	μm	N	mm				
141078323	0-300	0-12"	0,01	±20	8 ext 4 int	60/40	IP-67	•	•	•

MICRON DOUBLE **FORCE** CALIPER IP67 POINTS JAWS



IP67  **SWISS**
ELECTRONICS

Item No	Range		Reso- lution	Accu- racy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off
	mm	inch	mm	μm	N	mm				
141079323	0-300	0-12"	0,001	±12	8 ext 4 int	60/40	IP-67	•	•	•

WIRELESS DOUBLE FORCE CALIPER IP67 POINTS JAWS

MICROTECH 



Item No	Range		Reso- lution	Accu- racy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm	N	mm					
141078393	0-300	0-12"	0,01	±20	8 ext 4 int	60/40	IP-67	•	•	•	•

MICRON WIRELESS DOUBLE FORCE CALIPER IP67 POINTS JAWS



Item No	Range		Reso- lution	Accu- racy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm	N	mm					
141079393	0-300	0-12"	0,001	±12	8 ext 4 int	60/40	IP-67	•	•	•	•

OPTIONAL ACCESSORIES



DOWNLOAD APP



MADE IN UKRAINE



IP67  **SWISS ELECTRONICS**

Item No	Range		Reso- lution	Accu- racy*	Jaws	Protection	Preset	mm/inch	Auto on/off
	mm	inch	mm	μm	mm				
141072323	0-300	0-12"	0,01	±30	60/40	IP67	•	•	•

MICRON DIGITAL CALIPER IP67 POINTS JAWS



IP67  **SWISS ELECTRONICS**

Item No	Range		Reso- lution	Accu- racy*	Jaws	Protection	Preset	mm/inch	Auto on/off
	mm	inch	mm	μm	mm				
141073323	0-300	0-12"	0,001	±20	60/40	IP67	•	•	•

WIRELESS DIGITAL CALIPER IP67 POINTS JAWS

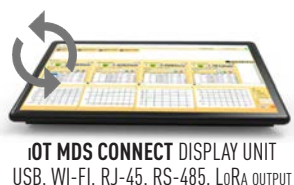


WIRELESS TO MDS APP
WIRELESS HID+MAC
Windows Android LINUX macOS iOS

IP67  **SWISS ELECTRONICS**

Item No	Range		Reso- lution	Accu- racy*	Jaws	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	μm	mm					
141072393	0-300	0-12"	0,01	±40	60/40	IP67	•	•	•	•

OPTIONAL ACCESSORIES



DOWNLOAD APP





IP67

Item No	Range		Reso- lution	Accu- racy	Jaws	Protection	Thumb roll	mm/inch	Auto on/off
	mm	inch	mm	µm					
141075313	0-300	0-12"	0,001	±20	60/40	IP67	•	•	•

PRESET DIGITAL CALIPER IP54 POINTS JAWS



PRESET
FUNCTION

OPTIONAL ACCESSORIES



141083000 USB HID data transfer cable 2.5m
DIRECT DATA TRANSFER, LIKE A KEYBOARD

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

WIRELESS CALIPER IP54 POINTS JAWS



PRESET
FUNCTION

WIRELESS TO MDS APP
WIRELESS HID+MAC

WIRELESS MODE SWITCH 7s
 • WIRELESS to MDS app
 • WIRELESS ECO to MDS app
 • WIRELESS HID
 • WIRELESS HID+MAC

Item No	Range		Reso- lution	Accu- racy*	Jaws	Protection	Thumb roller	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm	mm						
141083391	0-300	0-12"	0,01	±30	60/40	IP54	•	•	•	•	•

DOWNLOAD APP



OPTIONAL ACCESSORIES



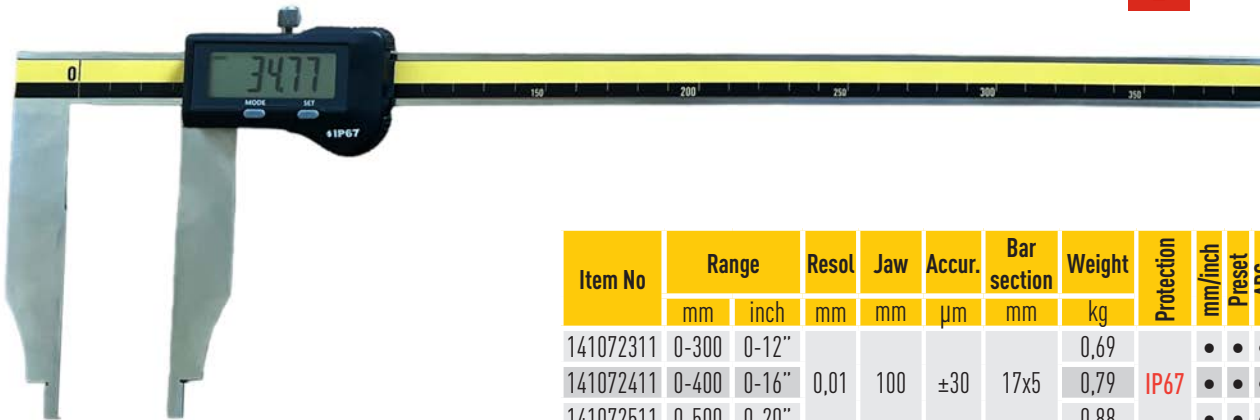
MADE IN UKRAINE



IoT MDS CONNECT DISPLAY UNIT
USB, WI-FI, RJ-45, RS-485, LoRa OUTPUT

- Light 100mm jaw digital caliper with waterproof **IP67** Swiss electronics with PRESET function
- Calibration certificate included (ISO17025 (Ilac MRA))

IP67  **SWISS**
ELECTRONICS



Item No	Range		Resol	Jaw	Accur.	Bar section	Weight	Protection	mm/inch	Preset	ABS
	mm	inch									
141072311	0-300	0-12"					0,69		•	•	•
141072411	0-400	0-16"	0,01	100	±30	17x5	0,79	IP67	•	•	•
141072511	0-500	0-20"					0,88		•	•	•

LONG JAW DIGITAL CALIPER IP67

- Long jaw digital caliper with waterproof **IP67** Swiss electronics with PRESET function
- SWISS electronics in Aluminium casing
- Calibration certificate included (ISO17025 (Ilac MRA))

IP67  **SWISS**
ELECTRONICS



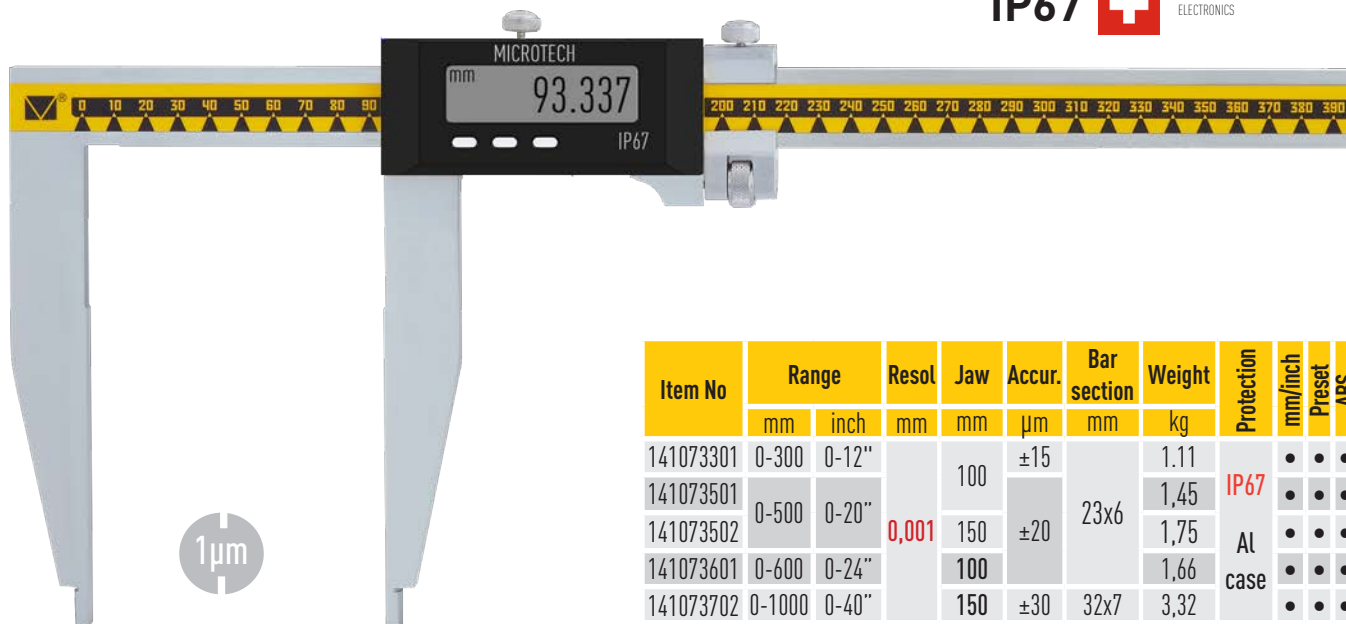
Item No	Range		Resol	Jaw	Accur.	Bar section	Weight	Protection	mm/inch	Preset	ABS
	mm	inch									
141073512	0-500	0-20"		150	±30		1,7		•	•	•
141073515				300	±40	23x6	2,7		•	•	•
141073611	0-600	0-24"		100	±30		1,7		•	•	•
141073712	0-1000	0-40"		150	±40	32x7	3,3		•	•	•
141073715				300	±60		5,7		•	•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

MICRON LONG JAW DIGITAL CALIPER IP67

MICROTECH 

- MICRON Long jaw digital caliper with waterproof **IP67** Swiss electronics with PRESET function
- SWISS electronics in Aluminium casing with 0.001mm resolution
- **Calibration** certificate included (ISO17025 (Ilac MRA))

IP67  **SWISS**
ELECTRONICS



Item No	Range		Resol	Jaw	Accur.	Bar section	Weight	Protection	mm/inch	Preset	ABS
	mm	inch									
141073301	0-300	0-12"	0,001	100	±15	23x6	1.11	IP67 Al case	•	•	•
141073501	0-500	0-20"		150	±20		1,45		•	•	•
141073502							1,75		•	•	•
141073601	0-600	0-24"		100	±30	32x7	1,66		•	•	•
141073702	0-1000	0-40"		150			3,32		•	•	•

MICRON FORCE LONG JAW DIGITAL CALIPER IP67

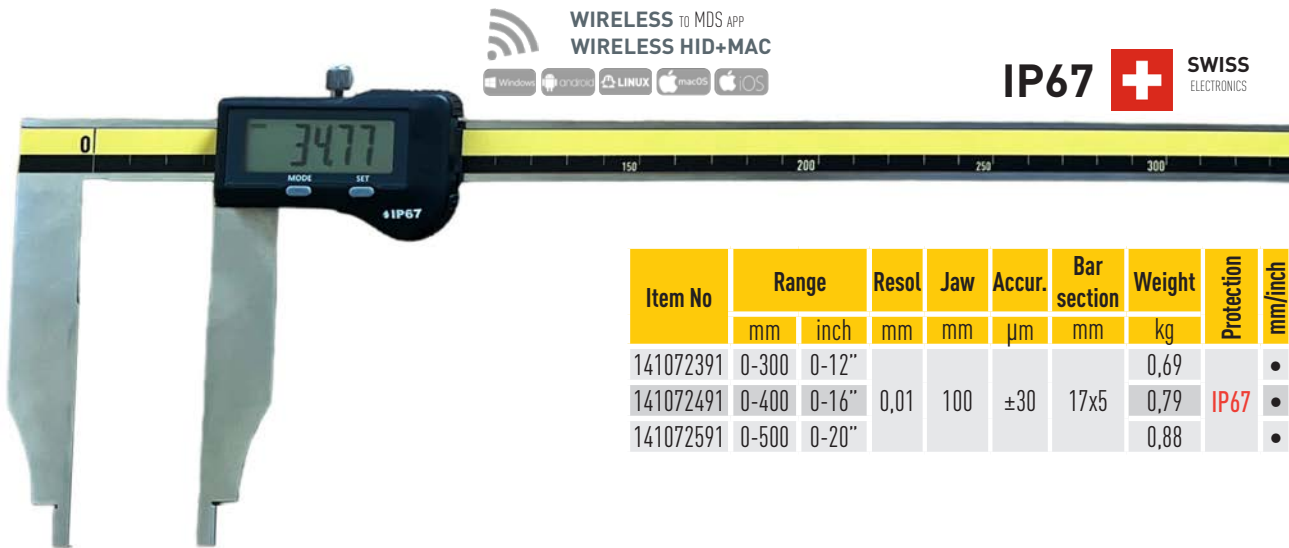
- MICRON Long jaw digital caliper with waterproof **IP67** Swiss electronics with PRESET function
- **Force** control module with 8N external FORCE (Patents US10429165, UA146381)
- SWISS electronics in Aluminium casing with 0.001mm resolution
- **Calibration** certificate included (ISO17025 (Ilac MRA))

IP67  **SWISS**
ELECTRONICS



Item No	Range		Resol	Jaw	Accur.	Force	Bar section	Weight	Protection	mm/inch	Preset	ABS
	mm	inch										
141073361	0-300	0-12"	0,001	100	±10	10N	23x6	1.11	IP67 Al case	•	•	•
141073561	0-500	0-20"		150	±15			1.45		•	•	•
141073562										1.75	•	•
141073661	0-600	0-24"		100	±20	15N	32x7	1.66		•	•	•
141073762	0-1000	0-40"		150				3.32		•	•	•

- Light 100mm jaw digital caliper with waterproof **IP67** Swiss electronics with PRESET function
- **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		Resol	Jaw	Accur.	Bar section	Weight	Protection	mm/inch	ABS	WIRELESS
	mm	inch	mm	mm	μm	mm	kg				
141072391	0-300	0-12"					0,69		•	•	•
141072491	0-400	0-16"	0,01	100	±30	17x5	0,79	IP67	•	•	•
141072591	0-500	0-20"					0,88		•	•	•

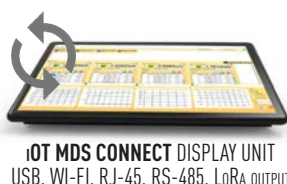
WIRELESS LONG JAW DIGITAL CALIPER IP67

- Long jaw digital caliper with waterproof **IP67** Swiss electronics with PRESET function
- SWISS electronics in Aluminium casing
- **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		Resol	Jaw	Accur.	Bar section	Weight	Protection	mm/inch	Preset	ABS	WIRELESS
	mm	inch	mm	mm	μm	mm	kg					
141073592	0-500	0-20"		150	±30		1,75		•	•	•	•
141073595				300	±40	23x6	2,65		•	•	•	•
141073691	0-600	0-24"		100	±30		1,66		•	•	•	•
141073792	0-1000	0-40"		150	±40		3,32		•	•	•	•
141073795				300	±60	32x7	5,70		•	•	•	•
141073892	0-1500	0-60"	0,01	150	±50			IP67	•	•	•	•
141073895				300	±70	42x8		Al case	•	•	•	•
141073992	0-2000	0-80"		150	±60				•	•	•	•
141073995					±80				•	•	•	•
141073265	0-2500	0-100'			±90				•	•	•	•
141073315	0-3000	0-120'		300	±100	53x8			•	•	•	•
141073415	0-4000	0-160'			±130				•	•	•	•
141073515	0-5000	0-200'			±160				•	•	•	•

OPTIONAL ACCESSORIES



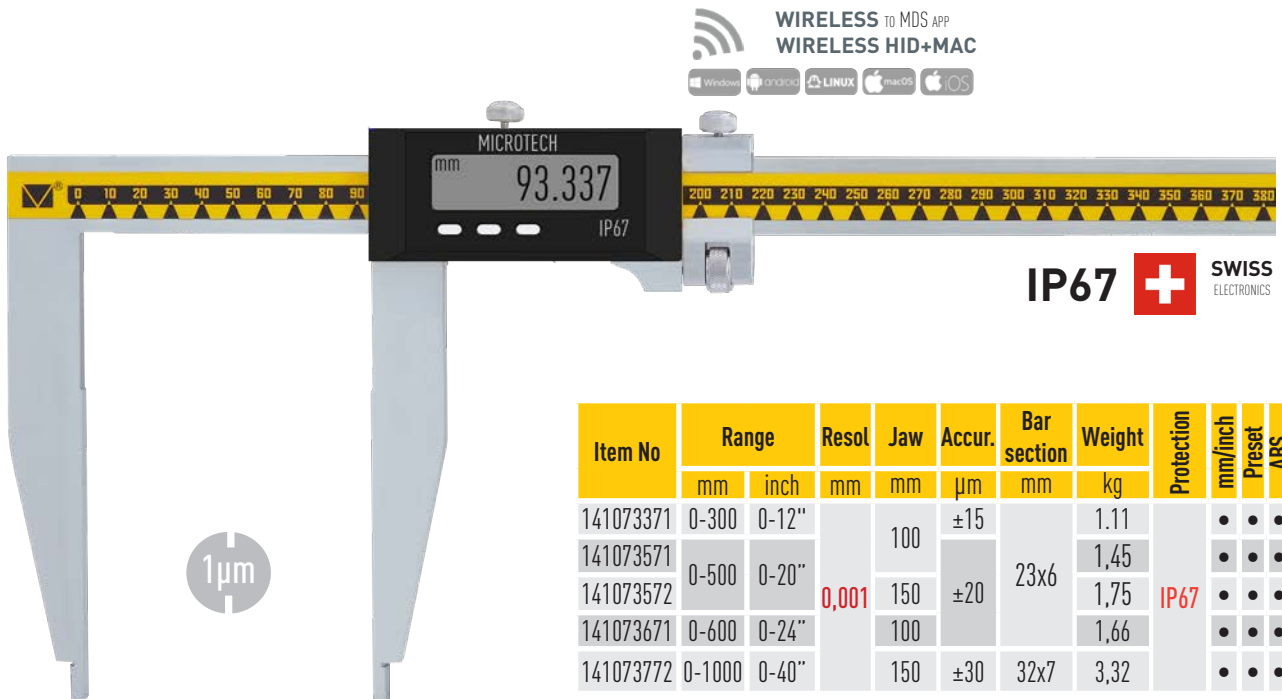
DOWNLOAD APP



WIRELESS MICRON LONG JAW DIGITAL CALIPER IP67

MICROTECH 

- MICRON Long jaw digital caliper with waterproof **IP67** Swiss electronics with PRESET function
- SWISS electronics in Aluminium casing with 0.001mm resolution
- **3 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Calibration certificate included (ISO17025 (Ilac MRA))



WIRELESS TO MDS APP
WIRELESS HID+MAC

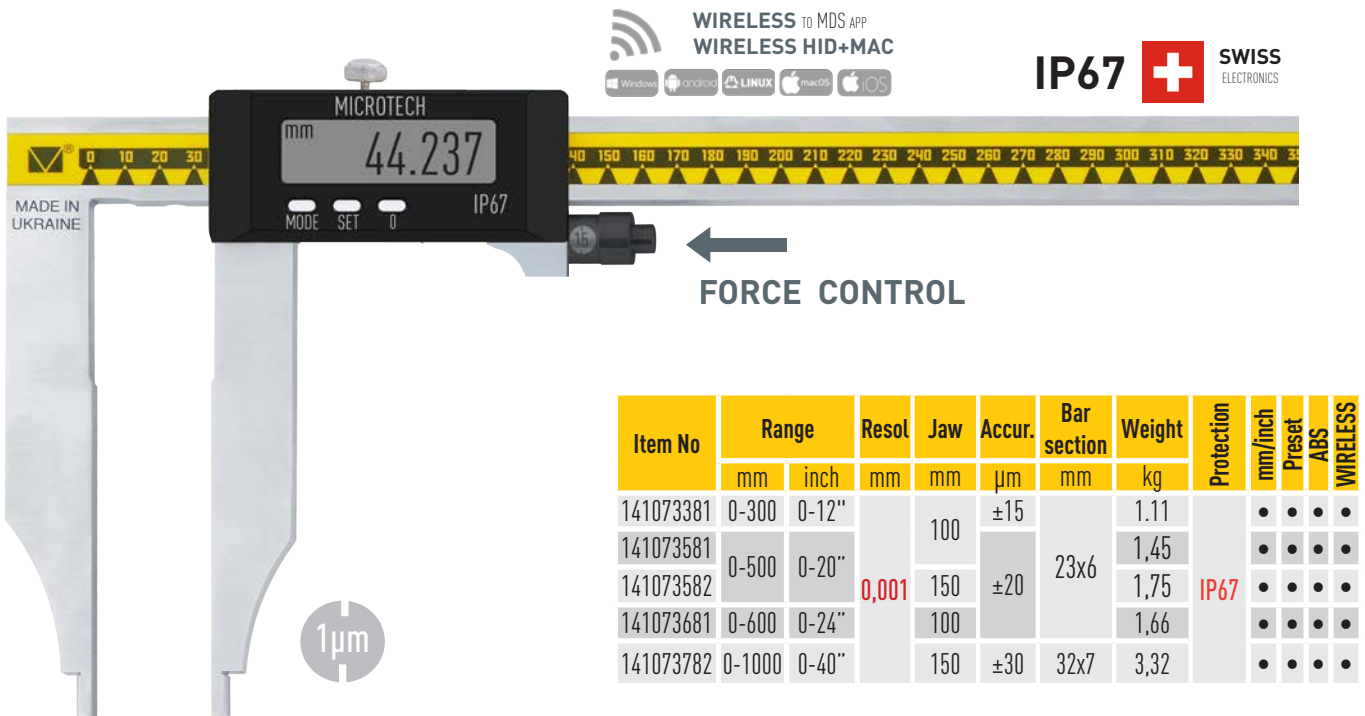
Windows Android LINUX macOS iOS

MICROTECH
mm 93.337
IP67

IP67  SWISS ELECTRONICS

Item No	Range		Resol	Jaw	Accur.	Bar section	Weight	Protection	mm/inch	Preset	ABS	WIRELESS
	mm	inch										
141073371	0-300	0-12"	0,001	100	±15	23x6	1,11	IP67	•	•	•	•
141073571	0-500	0-20"		±20	1,45		•		•	•	•	
141073572	0-600	0-24"		100	1,75		•		•	•	•	
141073671	0-1000	0-40"		150	1,66		•		•	•	•	
141073772	0-1000	0-40"		150	±30	32x7	3,32		•	•	•	•

WIRELESS MICRON FORCE LONG JAW DIGITAL CALIPER IP67



WIRELESS TO MDS APP
WIRELESS HID+MAC

Windows Android LINUX macOS iOS

MICROTECH
mm 44.237
IP67

IP67  SWISS ELECTRONICS

MADE IN UKRAINE

MODE SET 0

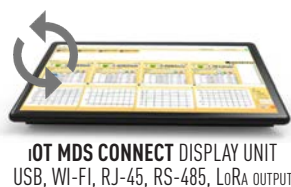
FORCE CONTROL

Item No	Range		Resol	Jaw	Accur.	Bar section	Weight	Protection	mm/inch	Preset	ABS	WIRELESS
	mm	inch										
141073381	0-300	0-12"	0,001	100	±15	23x6	1,11	IP67	•	•	•	•
141073581	0-500	0-20"		±20	1,45		•		•	•	•	
141073582	0-600	0-24"		100	1,75		•		•	•	•	
141073681	0-1000	0-40"		150	1,66		•		•	•	•	
141073782	0-1000	0-40"		150	±30	32x7	3,32		•	•	•	•

DOWNLOAD APP

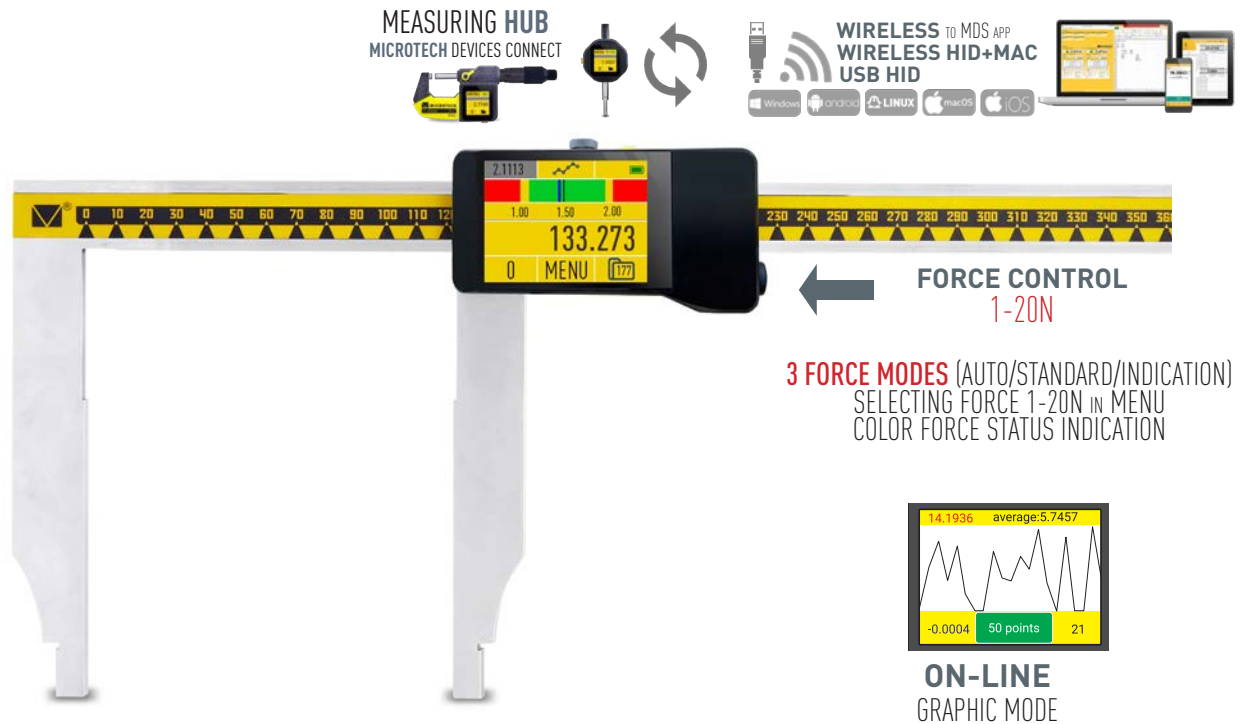


OPTIONAL ACCESSORIES



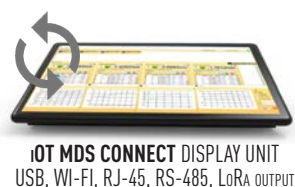
MADE IN UKRAINE

- **Industry 4.0** adopted Tablet 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
- **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))



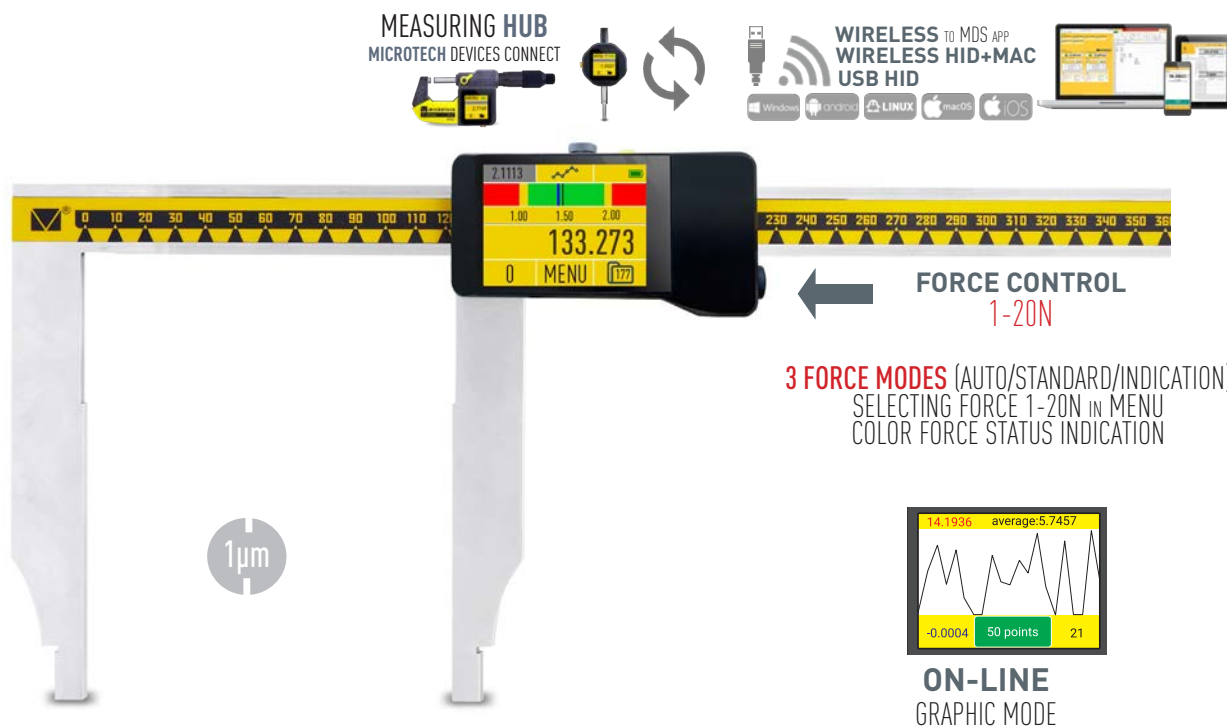
Item No	Range		Resol.	Jaws	Accuracy	eForce	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID	FW update				
	mm	inch			mm	mm																	µm	N		
141005216	0-500	0-20"	0,01	100	±30	1-20	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 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"		300	±60		•	•	•	•	•	•	•	•	•	•	•	•			•	•	•	•	•	
141025256					±80		•	•	•	•	•	•	•	•	•	•	•	•			•	•	•	•	•	•
141030256	0-3000	0-120"			±90		•	•	•	•	•	•	•	•	•	•	•	•			•	•	•	•	•	
141040256					±110		•	•	•	•	•	•	•	•	•	•	•	•			•	•	•	•	•	
141050256	0-5000	0-200'			±130		•	•	•	•	•	•	•	•	•	•	•	•			•	•	•	•	•	•
							•	•	•	•	•	•	•	•	•	•	•	•			•	•	•	•	•	•

OPTIONAL ACCESSORIES



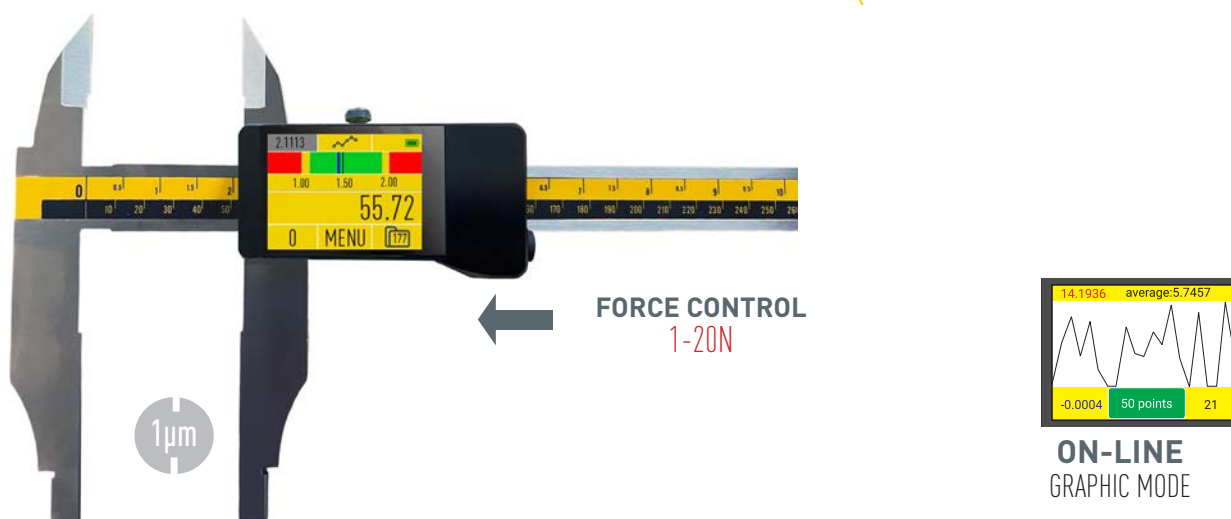
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Item No	Range		Resol.	Jaws	Accuracy	eForce	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID	FW update
	mm	inch	mm	mm	µm	N																
141005217			0,001	100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

MICRON TABLET E-FORCE CALIPER POINTS 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	Folders	Statistics	WIRELESS	USB HID	FW update
	mm	inch	mm	µm	N	mm																	
141077521A	0-500	0-20"	0,01	±30	1-20	100/40	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
141097521A			0,001	±20			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

- Extra Long jaw digital caliper with waterproof **IP67** Swiss electronics in Al case
- Jaw length up to 1000mm
- Aluminium construction with precision linear guides
- **Calibration** certificate included (ISO17025 (Ilac MRA))

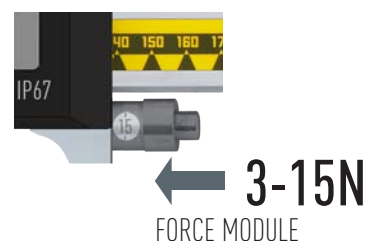
IP67  **SWISS**
ELECTRONICS



CUSTOM RANGE AND JAWS FOR REQUEST

Item No	Range		Resol.	Jaws	Accuracy	Weight	Protection	mm/inch	Preset	ABS	Display	
	mm	inch	mm	mm	µm	kg						
142408445	0-800	0-32"	0,001	400	±25	3,9	IP67 Al case	•	•	•	Big screen Swiss electronics IP67 in Al case	
142408444			0,01		±30	3,9		•	•	•		
142411445	0-1000	0-40"	0,001	400	±30	4,3		•	•	•		
142411444			0,01		±40	4,3		•	•	•		
142411464			600	±50	4,7	•		•	•			
142418445	0-1800	0-60"	0,001	400	±40	6.2		•	•	•		
142418444					0,01			±50	6.2	•		•
142418464				600	±60	6,6		•	•	•		
142120144	0-2000	0-80"		400	±60	17,5		•	•	•		
142120164				600	±85	18,0		•	•	•		
142120104				1000	±120	19,0		•	•	•		
142125144	0-2500	0-100"		400	±90	20,0		•	•	•		
142125164				600	±105	20,5		•	•	•		
142125104				1000	±140	21.5		•	•	•		
142130144	0-3000	0-120"		400	±100	24,0		•	•	•		
142130164				600	±110	24.5		•	•	•		
142130104				1000	±160	25.5		•	•	•		
142135144	0-3500	0-140"	400	±120	26.5	•		•	•			
142135164			600	±160	27,0	•		•	•			
142135104			1000	±240	28,0	•		•	•			

OPTIONAL ACCESSORIES



- 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))

IP67  **SWISS**
ELECTRONICS

WIRELESS TO MDS APP
WIRELESS HID+MAC

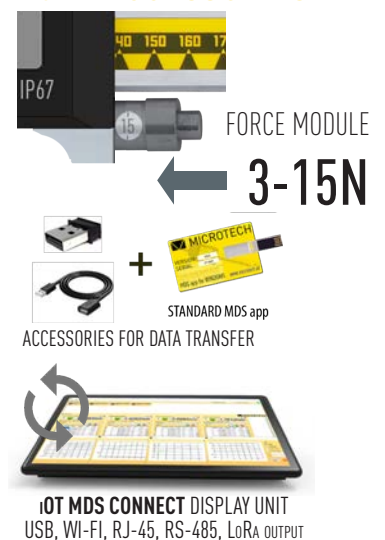
Windows Android LINUX macOS iOS



CUSTOM RANGE AND JAWS FOR REQUEST

Item No	Range		Resol.	Jaws	Accuracy	Weight	Protection	mm/inch	Preset	ABS	WIRELESS	Display	
	mm	inch	mm	mm	µm	kg							
142408447	0-800	0-32"	0,001	400	±25	3,9	IP67 Al case	•	•	•	•	Big screen Swiss electronics IP67 in Al case	
142408446			0,01		±30	3,9		•	•	•	•		
142411447	0-1000	0-40"	0,001	400	±30	4,3		•	•	•	•		
142411446			0,01		±40	4,3		•	•	•	•		
142411466			600	±50	4,7	•		•	•	•			
142418447	0-1800	0-60"	0,001	400	±40	6.2		•	•	•	•		
142418446					0,01			±50	6.2	•	•		•
142418466				600	±60	6,6		•	•	•	•		
142120146	0-2000	0-80"		400	±60	17,5		•	•	•	•		
142120166				600	±85	18,0		•	•	•	•		
142120106				1000	±120	19,0		•	•	•	•		
142125146	0-2500	0-100"		400	±90	20,0		•	•	•	•		
142125166				600	±105	20,5		•	•	•	•		
142125106				1000	±140	21.5		•	•	•	•		
142130146	0-3000	0-120"		400	±100	24,0		•	•	•	•		
142130166				600	±110	24.5		•	•	•	•		
142130106				1000	±160	25.5		•	•	•	•		
142135146	0-3500	0-140"		400	±120	26.5		•	•	•	•		
142135166				600	±160	27,0		•	•	•	•		
142135106				1000	+240	28,0		•	•	•	•		

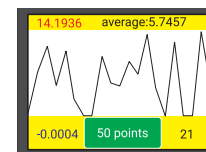
OPTIONAL ACCESSORIES



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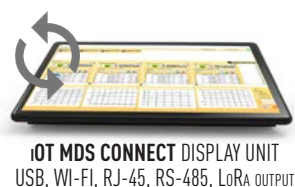
- Industry 4.0 adopted Extra long jaw Tablet caliper with computerized MICS system with 2.4" color Touchscreen
- Patents US10184772, UA111194, UA112361, UA121681, UA2022205040
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- 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))



**ON-LINE
GRAPHIC MODE**

Item No	Range		Resol.	Jaws	Accu- 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																			
142408442	0-800	0-32"	0,01	400	±30	3,9	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
142411442	0-1000	0-40'		400	±40	4,3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
142411462				600	±60	4,7	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
142418442	0-1800	0-60"		400	±60	6.2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
142418462				600	±80	6.6	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL ACCESSORIES



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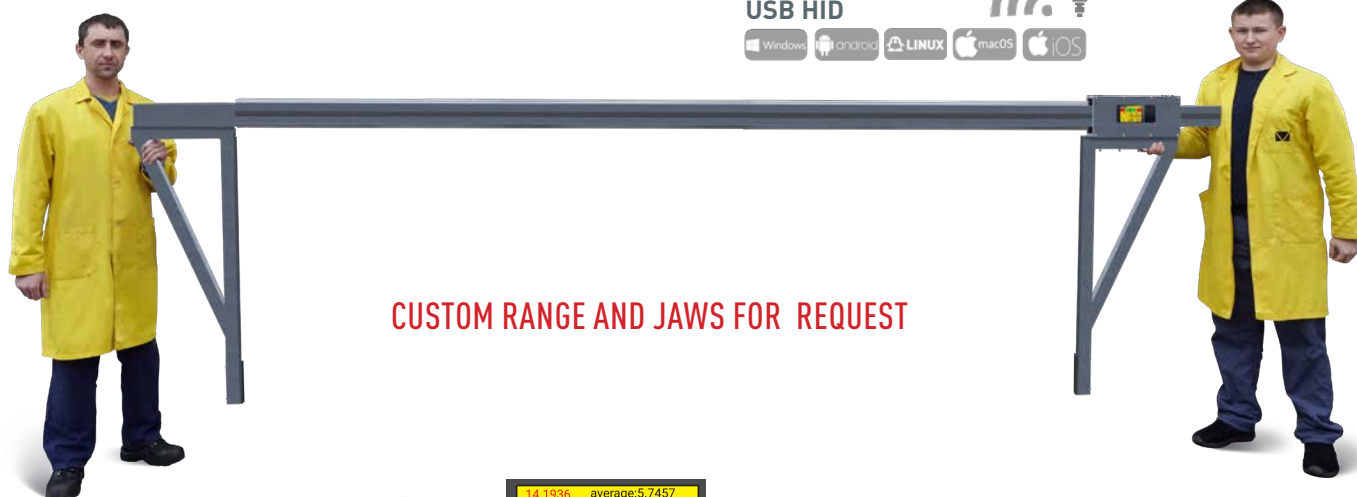


MADE IN UKRAINE

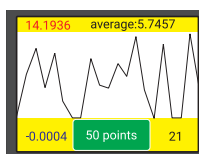
- Industry 4.0 adopted Extra long jaw Tablet caliper with computerized MICS system with 2.4" color Touchscreen
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- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
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- Aluminium construction with precision linear guides
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
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- Calibration certificate included (ISO17025 (Ilac MRA))

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

Windows Android LINUX macOS iOS



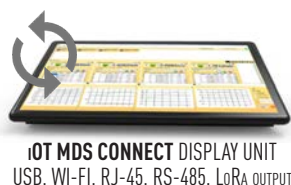
CUSTOM RANGE AND JAWS FOR REQUEST



ON-LINE
GRAPHIC MODE

Item No	Range		Resol.	Jaws	Accu- 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															
142120142				400	±60	17,5	•	•	•	•	•	•	•	•	•	•	•	•			•
142120162	0-2000	0-80"		600	±85	18,0	•	•	•	•	•	•	•	•	•	•	•	•			•
142120102				1000	±120	19,0	•	•	•	•	•	•	•	•	•	•	•	•			•
142125142				400	±90	20,0	•	•	•	•	•	•	•	•	•	•	•	•			•
142125162	0-2500	0-100"		600	±105	20,5	•	•	•	•	•	•	•	•	•	•	•	•			•
142125102			0.01	1000	±140	21,5	•	•	•	•	•	•	•	•	•	•	•	•			•
142130142				400	±100	24,0	•	•	•	•	•	•	•	•	•	•	•	•			•
142130162	0-3000	0-120"		600	±110	24,5	•	•	•	•	•	•	•	•	•	•	•	•			•
142130102				1000	±160	25,5	•	•	•	•	•	•	•	•	•	•	•	•			•
142135142				400	±120	26,5	•	•	•	•	•	•	•	•	•	•	•	•			•
142135162	0-3500	0-140"		600	±160	27,0	•	•	•	•	•	•	•	•	•	•	•	•			•
142135102				1000	±240	28,0	•	•	•	•	•	•	•	•	•	•	•	•			•

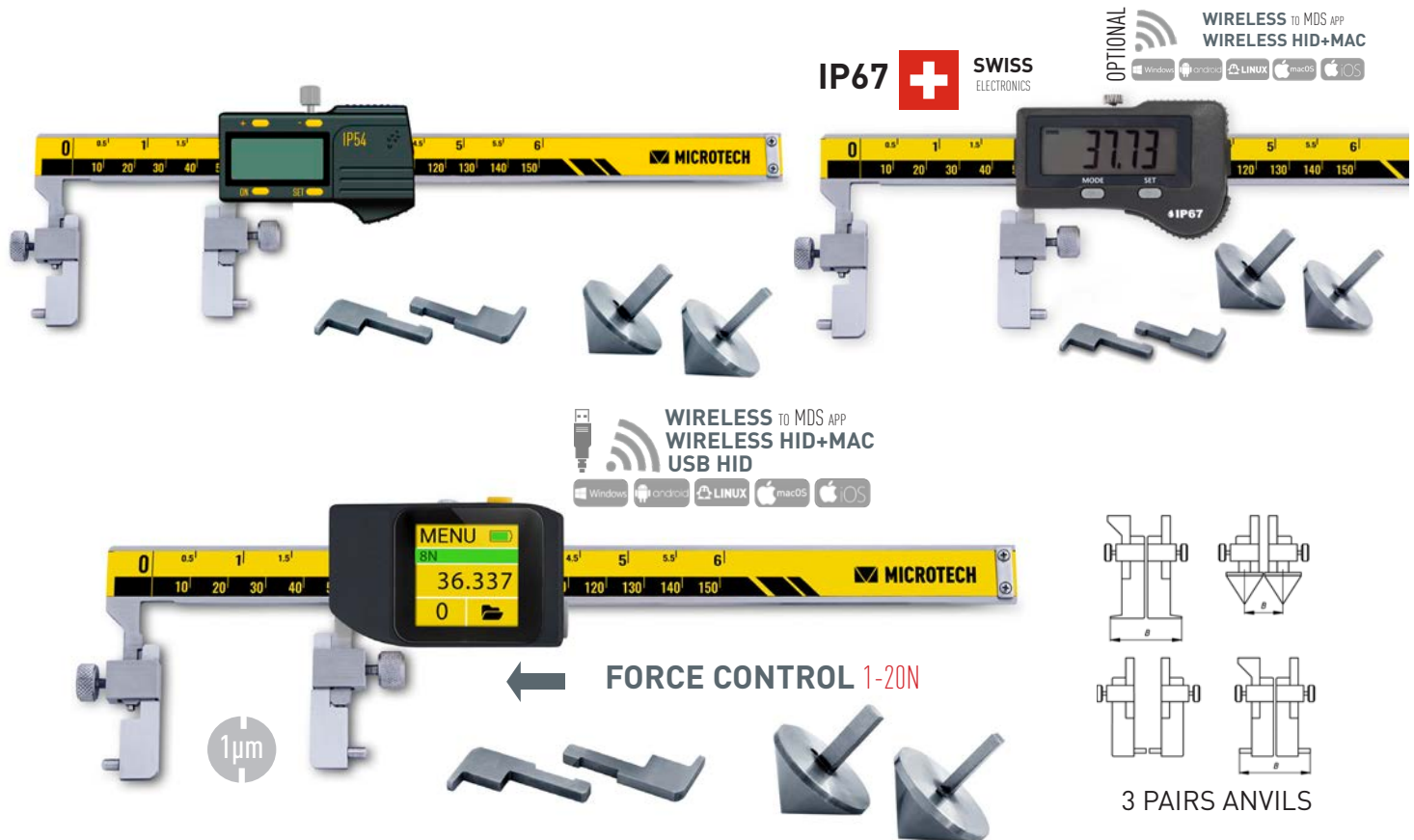
OPTIONAL ACCESSORIES



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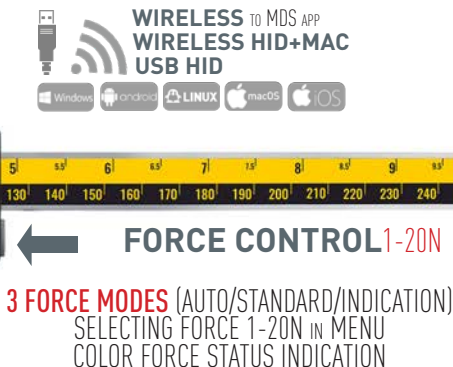


- Universal caliper with 3 pairs of measuring jaws for 5 types of measuring (internal & external point, groove, offset centerline)
- Digital IP54 / IP67 or Computerized **MICS** indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))



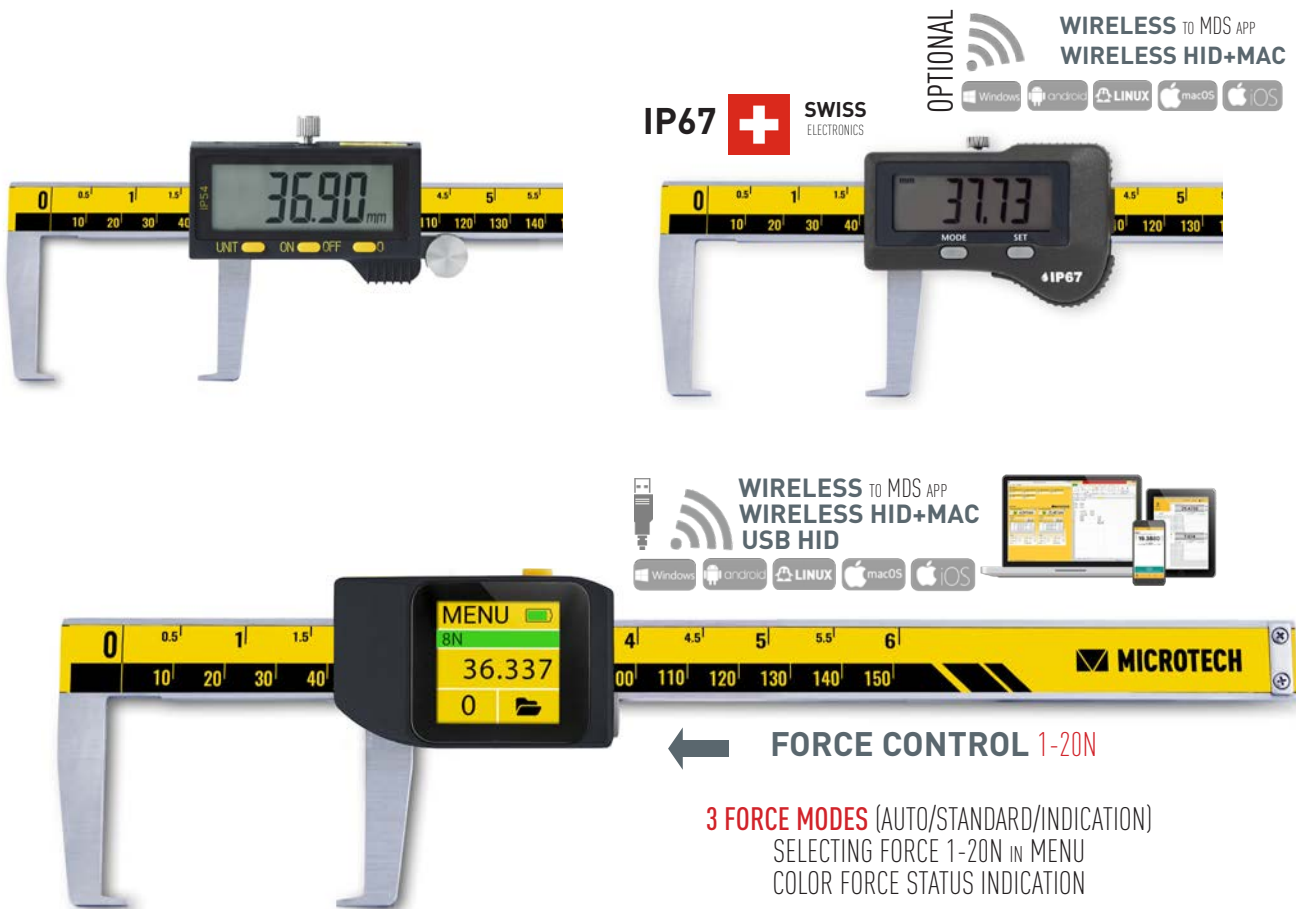
Item No	Range		Reso- lution	Accu- racy	Anvils set			Depth	Force	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	
	mm	inch	mm	µm	inside & outside groove	inside & outside point	disk D	mm	N														
UNIVERSAL DIGITAL CALIPER IP54																							
141630151	0-150	0-6"	0,01	±30	5	D3x5	30	40	-	IP54	•											•	
141630201	0-200	0-8"		8	D3x8	42	50	•															•
141630301	0-300	0-12"		±40	10	D3x10	50	60			•												
UNIVERSAL DIGITAL CALIPER IP67																							
141630156	0-150	0-6"	0,001	±20	5	D3x5	30	40	8/4	IP67	•												
141630153			0,01	±30	8	D3x8	42	50	-		•							•					
141630203					10	D3x10	50	60			•						•						
141630303				±40	10	D3x10	50	60			•						•						
UNIVERSAL WIRELESS CALIPER IP67																							
141630154	0-150	0-6"	0,01	±30	5	D3x5	30	40	-	IP67	•						•				•		
141630204	0-200	0-8"		8	D3x8	42	50	•									•					•	
141630304	0-300	0-12"		±40	10	D3x10	50	60			•						•						•
UNIVERSAL COMPUTERIZED CALIPER																							
141630157	0-150	0-6"	0,005	±20	5	D3x5	30	40	1-20	IP54	•	•	•	•	•	•	•	•	•	Folders / 2000 val Long range / HID	•		
141630158			0,001	±15	8	D3x8	42	50			•	•	•	•	•	•	•	•	•		•	•	
141630207	0-200	0-8"	0,005	±25	10	D3x10	50	60			•	•	•	•	•	•	•	•	•		•	•	
141630208			0,001	±15	•	•	•	•			•	•	•	•	•	•	•	•	•		•	•	
141630307	0-300	0-12"	0,005	±25	•	•	•	•			•	•	•	•	•	•	•	•	•		•	•	•
141630308			0,001	±20	•	•	•	•			•	•	•	•	•	•	•	•	•		•	•	•

CALIPER

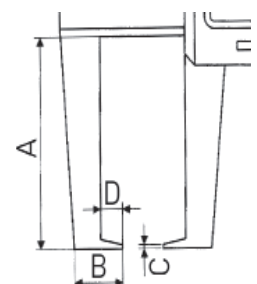
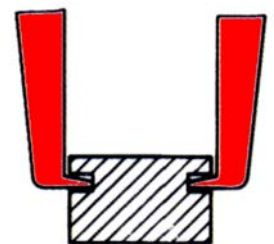
[illegible]

MADE IN UKRAINE

- Outside groove caliper with flat points
- Digital IP54 / IP67 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))



Item No	Range		Reso- lution	Accu- 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															
OUTSIDE GROOVE DIGITAL CALIPER IP54																				
141430150	0-150	0-6"	0,01	±30	-	IP54												•		
141430200	0-200	0-8"		±30																•
141430300	0-300	0-12"		±30																•
OUTSIDE GROOVE DIGITAL CALIPER IP67																				
141430156	0-150	0-6"	0,001	±10	8/4	IP67								•						
141430153				±30	-		•								•					
141430203			0-200	0-8"				0,01	±30							•				
141430303			0-300	0-12"					±30								•			
OUTSIDE GROOVE WIRELESS CALIPER IP67																				
141430154	0-150	0-6"	0,01	±30	-		•						•				•			
141430204	0-200	0-8"		±30			•							•				•		
141430304	0-300	0-12"		±30			•							•				•		
OUTSIDE GROOVE COMPUTERIZED CALIPER IP54																				
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

- Outside point caliper
- Digital IP54 / IP67 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))



Item No	Range		Resolution	Jaws		Accuracy	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	
	mm	inch		mm	Depth																			D point
OUTSIDE POINT DIGITAL CALIPER IP54																								
141403141	0-300	0-12"	0.005	90	1	±40		IP54																
141405141	0-500	0-20"	0,01	150		±50						•												
141405151				300	3					•														
141410151	0-1000	0-40"				±80						•												
OUTSIDE POINT DIGITAL CALIPER IP67																								
141403143	0-300	0-12"	0,01	90	1	±30		12N IP67				•							•					
141405143	0-500	0-20"		150		±40						•								•				
141405153				300	3							•								•				
141410153	0-1000	0-40"				±70						•								•				
WIRELESS OUTSIDE POINT WIRELESS CALIPER IP67																								
141403144	0-300	0-12"	0,01	90	1	±30		12N IP67				•							•				•	
141405144	0-500	0-20"		150		±40						•								•				•
141405154				300	3							•								•				•
141410154	0-1000	0-40"				±70						•								•				•
OUTSIDE POINT COMPUTERIZED CALIPER IP54																								
141403146	0-300	0-12"	0.005	90	1	±25		1-20 IP54				•	•	•	•	•	•	•	•	•	•	•	•	
141405146	0-500	0-20"	0,01	150		±40					•	•	•	•	•	•	•	•	•	•	•	•	•	
141405156				300	3							•	•	•	•	•	•	•	•	•	•	•	•	•
141410156	0-1000	0-40"				±60						•	•	•	•	•	•	•	•	•	•	•	•	•

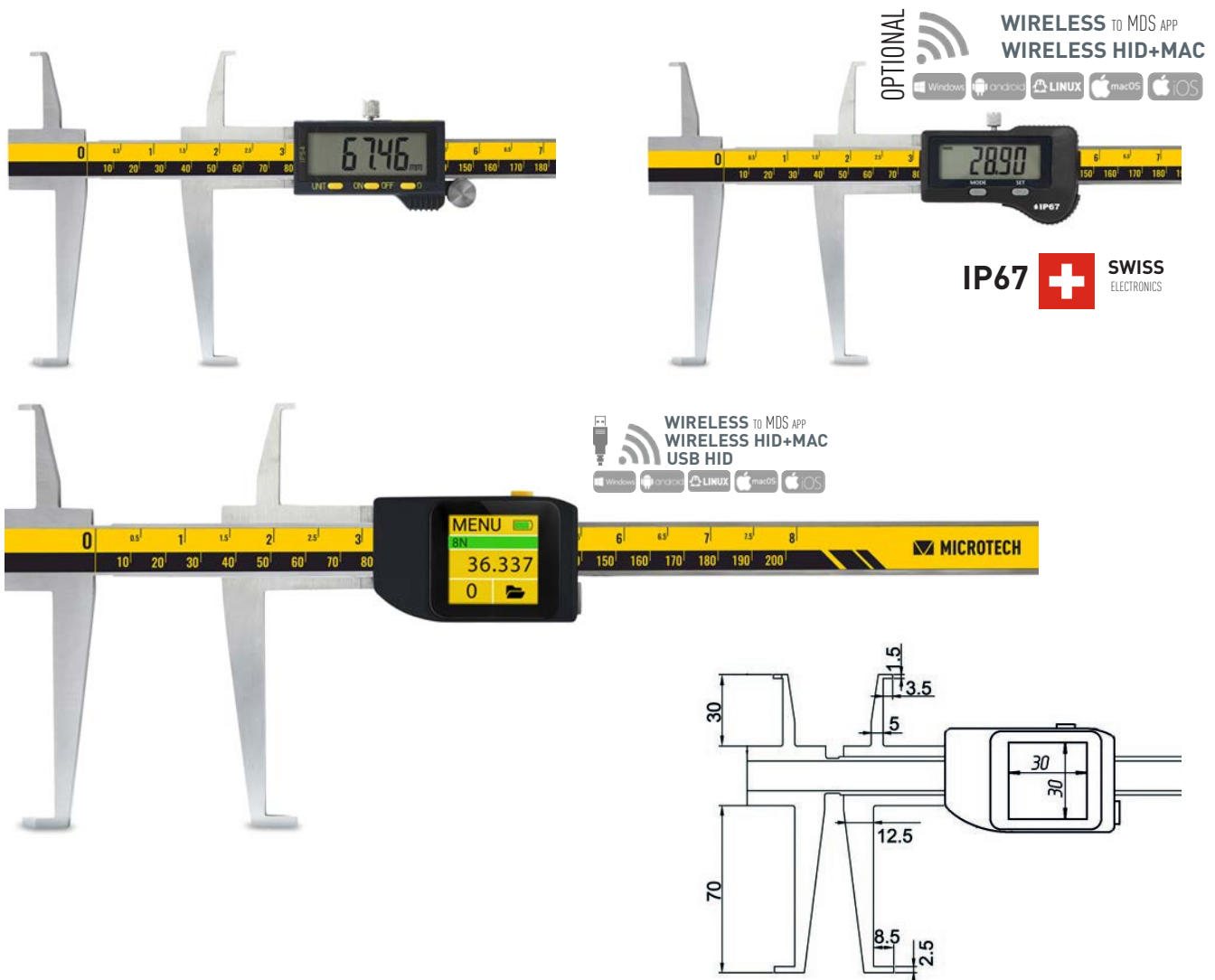
OPTIONAL ACCESSORIES



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- Inside groove caliper with Double internal jaws (30+70mm)
- Digital IP54 / IP67 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))



Item No	Range				Jaws		Pins		Reso- lution	Accu- racy	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Calibr date	Memory	WIRELESS	USB HID
	upper		lower		upper	lower	upper	lower													
	mm	inch	mm	inch																	
INSIDE GROOVE DIGITAL CALIPER IP54																					
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											
INSIDE GROOVE DIGITAL CALIPER IP67																					
141220206	9-199	0.4-8"	17-199	0,7-8"	30	70	3,5x1,5	8,5x2,5	0,001	±20	IP67	•									
141220203	9-200		17-200						±30	•											
141220303	9-300		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 COMPUTERIZED CALIPER IP54																					
141220207	9-200	0.4-8"	17-200	0,7-8"	30	70	3,5x1,5	8,5x2,5	0,005	±20	IP54	•	•	•	•	•	•	•	•	•	•
141220307	9-300	0.4-12"	17-300	0,7-12"						±25		•	•	•	•	•	•	•	•	•	•

- Inside point caliper
- Digital IP54 / IP67 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))



IP67

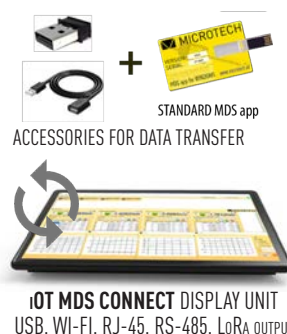


SWISS
ELECTRONICS

CUSTOM RANGE AND JAWS FOR REQUEST

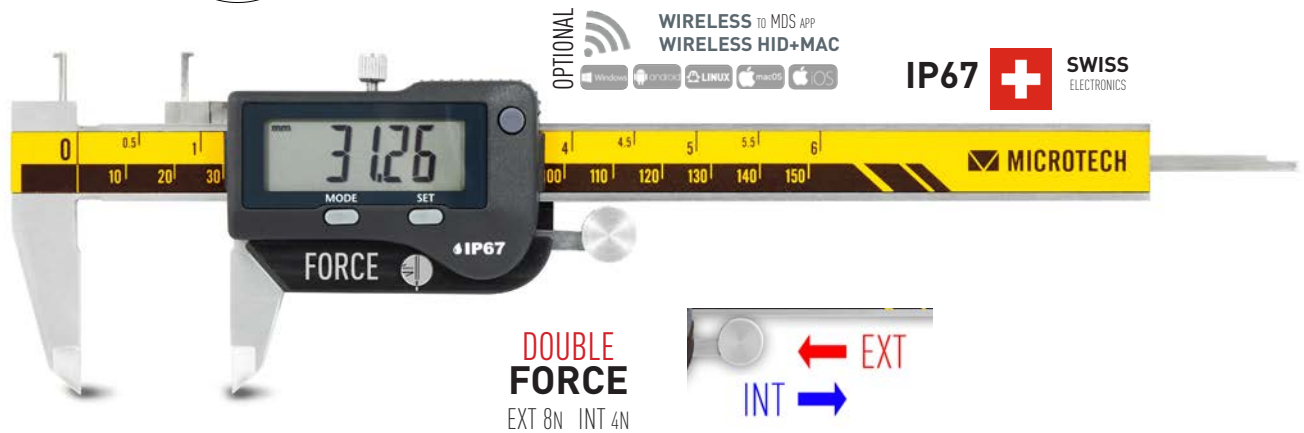
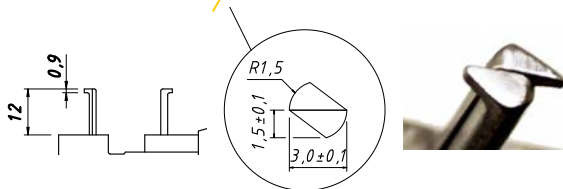
Item No	Range		Resolu- tion	Jaws		Accu- racy	Measuring HUB	Analog scale	line Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID	
				Depth	D point																	
	mm	inch		mm	mm																	mm
INSIDE POINT DIGITAL CALIPER IP54																						
141305141	42-542	1.7-22"	0,01	150	1	±50				•											•	
141305151	75-575	3-23"		300	3						•											•
141310151	85-1000	4-44"				±80				•												•
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 WIRELESS 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				•							•					•
INSIDE POINT COMPUTERIZED CALIPER IP54																						
141305146	42-52	1.7-22"	0,01	150	1	±40	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
141305156	75-575	3-23"		300	3		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
141310156	85-1085	4-44"				±60	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL ACCESSORIES



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Item No	Range				Resolution	Double force	Accuracy	Protection	mm/inch	Preset	Auto on/off	WIRELESS
	External		Internal									
	mm	inch	mm	inch			mm					
141830156	0-150	0-6"	3-150	0,12-6"	0,001	8 ext 4 int	±15	IP67	•	•	•	
141830153					0,01		±20		•	•	•	
141830154							±20		•		•	•

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FLAT INTERNAL JAWS DIGITAL CALIPER



Item No	Range		Resolution	Accuracy	Jaws		Proof	Display	WIRELESS
					External	Internal			
	mm	inch			mm	mm			
141840153	0-150	0-6"	0,01	±30	40	60	IP67	Swiss Digit height 11mm	
141840154				+30					•

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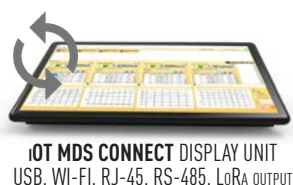


- Long internal Jaw calipers (Internal jaw 41.5mm)
- Digital IP54 / IP67 or Computerized **MICS** indication system Modification with Long range Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))



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			mm	μm														
LONG INTERNAL JAW DIGITAL CALIPER IP54																				
141130151	0-150	0-6"	0,01	±30	40	41.5	IP54	•	•											•
141130301	0-300	0-12"		±40				•	•											
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 JAW COMPUTERIZED CALIPER																				
141130156	0-150	0-6"	0,005	±20	40	41.5	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•
141130306	0-300	0-12"		±30				•	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL ACCESSORIES



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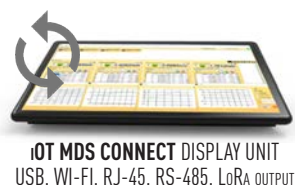


- Knife edge inside caliper with jaw length 100 or 150 mm
- Digital IP54 / IP67 or Computerized **MICS** indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))



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	IISR
	mm	inch	mm	μm	mm														
KNIFE EDGE INSIDE DIGITAL CALIPER IP54																			
141210200	22-200	0.8-8"	0,01	±30	100	IP54													•
141210300	22-300	0.8-12"		±50	150														
KNIFE EDGE INSIDE DIGITAL CALIPER IP67																			
141210203	22-200	0.8-8"	0,01	±30	100	IP67	•						•						
141210303	22-300	0.8-12"		±50	150		•							•					
KNIFE EDGE INSIDE WIRELESS CALIPER IP67																			
141210204	22-200	0.8-8"	0,01	±30	100	IP67	•						•					•	
141210304	22-300	0.8-12"		±50	150		•							•					•
KNIFE EDGE INSIDE COMPUTERIZED CALIPER IP54																			
141210207	22-200	0.8-8"	0,005	±20	100	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•
141210307	22-300	0.8-12"		±40	150		•	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL ACCESSORIES



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GEAR TOOTH DIGITAL CALIPER IP54

MICROTECH



- Gear tooth digital caliper
- Digital IP54 electronics with 0.005mm resolution
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range mm	Resolution mm	Proof	Display
142022600	M1-25	0,005	IP54	Digit height 9mm
142025000	M5-50			

MICRON GEAR TOOTH DIGITAL CALIPER IP67



- MICRON Gear tooth digital caliper
- Digital SWISS IP67 electronics with 0.001mm resolution
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range mm	Resolution mm	Protection	Preset
142022605	M1-25	0,001	IP67	•
142025005	M5-50			•

MICRON WIRELESS GEAR TOOTH DIGITAL CALIPER IP67



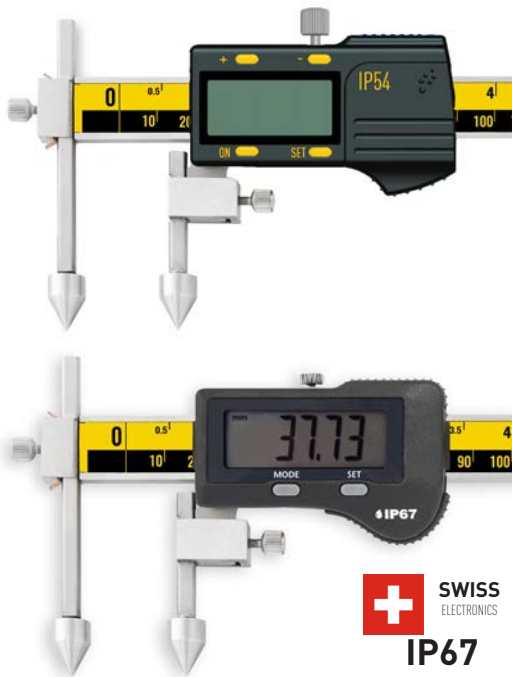
Item No	Range mm	Resolution mm	Protection	Preset	WIRELESS
142022604	M1-25	0,001	IP67	•	•
142025004	M5-50			•	•

DOWNLOAD APP



MADE IN UKRAINE

- OFFSET CENTERLINE caliper for hole center distance measurements
- Digital IP54 or 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))



IP67



IP67

CUSTOM RANGE AND ANVILS FOR REQUEST

Item No	Range		Reso- lution	Accu- racy	Anvil D		Protection	Preset	USB	
					standard	option				
	mm	inch			mm	µm				mm
OFFSET CENTERLINE DIGITAL CALIPER IP54										
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"		±40	20	35, 50		•	•	
141730511	20-520	0.8-20.4"						•	•	
141731011	20-1020	0.8-40.4"						•	•	
141731511	20-1520	0.8-40.4"						•	•	
141732011	20-2020	0.8-60.4"						•	•	
141733011	20-3020	0.8-80.4"						•	•	
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"		±40	20	35, 50		•	•	
141730513	20-520	0.8-20.4"						•	•	
141731013	20-1020	0.8-40.4"						•	•	
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"		±40	20	35, 50		•	•	
141730514	20-520	0.8-20.4"						•	•	
141731014	20-1020	0.8-40.4"						•	•	
141731514	20-1520	0.8-40.4"						•	•	
141732014	20-2020	0.8-60.4"						•	•	
141733014	20-3020	0.8-80.4"						•	•	



ANVIL D=10MM



ANVIL D=20MM



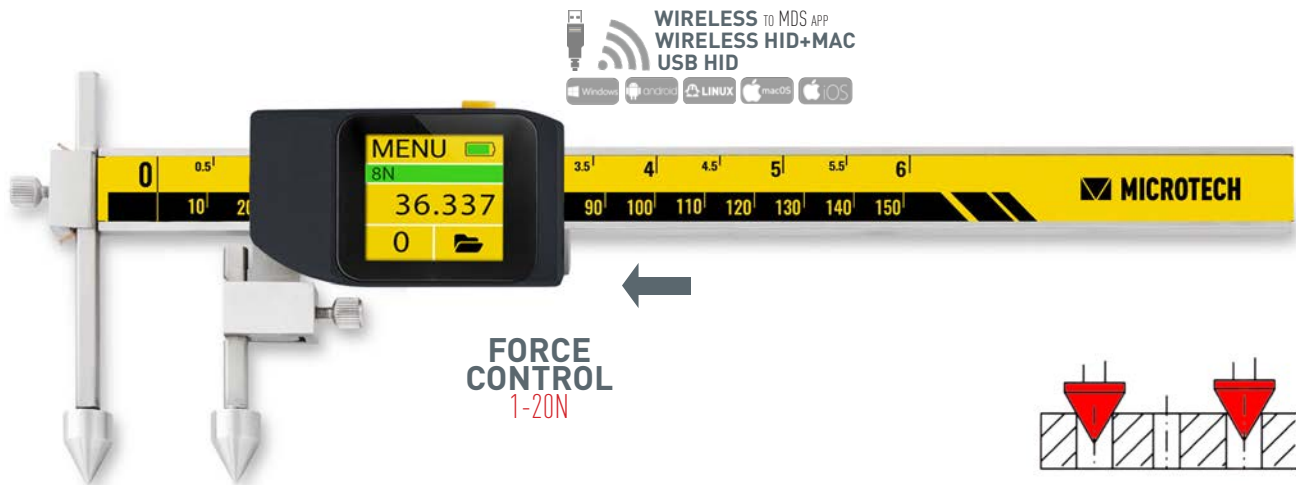
ANVIL D=35MM

CUSTOM RANGE AND ANVILS FOR REQUEST

OFFSET CENTERLINE CALIPER

MICROTECH

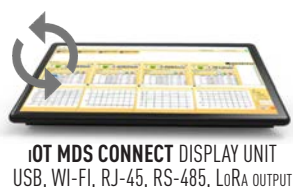
- OFFSET CENTERLINE caliper for hole center distance measurements
- Computerized **MICS** indication system Modification with **Long range Wireless**, **Wireless HID** or **USB HID** data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))



CUSTOM RANGE AND ANVILS FOR REQUEST

Item No	Range		Resolution	Accuracy	Anvil D		Force	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
					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	•	•	•	•	•	•	•	•	•	•	•	•	•
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	1-20	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•
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"							•	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL ACCESSORIES



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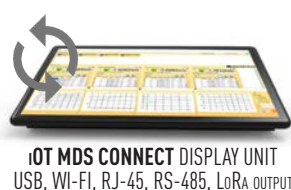
MADE IN UKRAINE

- OFFSET caliper for measure hard to get dimensions
- Digital IP54 / IP67 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.
- **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	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																		
																					mm
OFFSET DIGITAL CALIPER IP54																					
141740150	0-150	110	40	0,01	±30		IP54													•	
141740300	0-300	130	60		±40															•	
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 COMPUTERIZED CALIPER IP54																					
141740157	0-150	110	40		±20	1-20	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•	
141740307	0-300	130	60	0,005	±30			•	•	•	•	•	•	•	•	•	•	•	•	•	

OPTIONAL ACCESSORIES



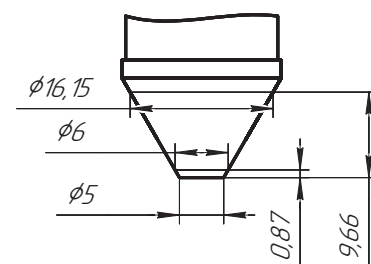
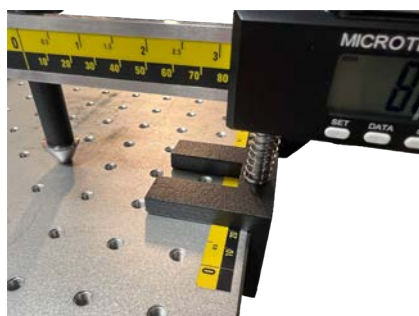
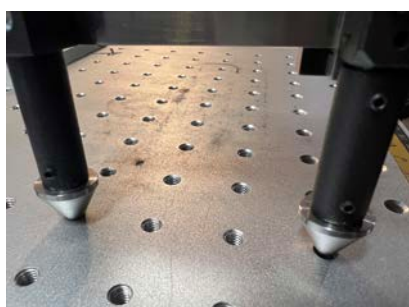
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- OFFSET corner caliper
- IP67 SWISS electronics with PRESET function
- MODIFICATION with **WIRELESS** data transfer **3 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Calibration certificate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

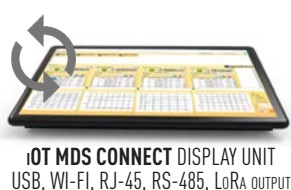


IP67  SWISS ELECTRONICS



Item No	Range	Jaws		Resolution	Accuracy	Force	Protection	Preset	WIRELESS
		slide	fix						
	mm	mm	mm	mm	μm	N			
OFFSET DIGITAL CALIPER IP67									
141743553	0-500	110	40	0,01	± 30		IP67	•	
OFFSET WIRELESS CALIPER IP67									
141743554	0-500	110	40	0,01	± 30		IP67	•	•

OPTIONAL ACCESSORIES



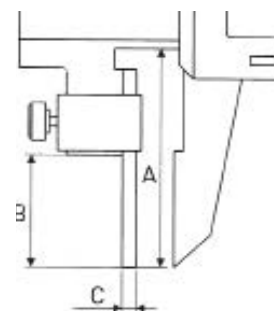
DOWNLOAD APP



- TUBE caliper for wall depth measurements
- Digital IP54 / IP67 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))



Item No	Range		Reso- lution	Accu- racy	Anvil D	Force	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	mm	N													
TUBE DIGITAL CALIPER IP54																			
141230150	0-150	0-6"		±30															•
141230200	0-200	0-8"	0,01	±30	4	-	IP54												•
141230300	0-300	0-12"		±30															•
TUBE DIGITAL CALIPER IP67																			
141230156	0-150	0-6"	0,001	±15		8/4		•											
141230153				±30	4			•											
141230203	0-200	0-8"	0,01	±30		-	IP67	•											
141230303	0-300	0-12"		±30				•											
TUBE WIRELESS CALIPER IP67																			
141230154	0-150	0-6"		±30				•											•
141230204	0-200	0-8"	0,01	±30	4	-	IP67	•											•
141230304	0-300	0-12"		±30				•											•
TUBE COMPUTERIZED CALIPER IP54																			
141230157	0-150	0-6"		±20				•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	•
141230207	0-200	0-8"	0,005	±25	4	1-20	IP54	•	•	•	•	•	•	•	•	•	•	Long range / HID	•
141230307	0-300	0-12"		±25				•	•	•	•	•	•	•	•	•	•		•



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

- Metric and BSW, BSF, Tr **THREAD** measurements (internal & external)
- Interchangeable anvils pairs or anvils set
- **Double 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))



INTERNAL & EXTERNAL ANVILS ARE OPTIONAL

IP67  **SWISS** ELECTRONICS

CUSTOM RANGE AND ANVILS FOR REQUEST

Item No	Range		Reso- lution	Double force	Protection	Fixator	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	N						
141076122T	0-150	0-6"	0,001	8 ext 4 int	IP-67	•	•	•	•	
141078122T			0,01			•	•	•	•	
141078192T						•	•	•	•	•
141078322T	0-300	0-12"				•	•	•	•	
141078392T						•	•	•	•	

THREAD ANVILS (PAIR)

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	Tr 30°	
141377160T	6,0		
141377165T	6,5		
141377170T	7,0		
141377106T	SET Metric 60° 1,5-6mm (10pcs)		
141377107T	SET Metric 60° 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	SET Thread 30° 2-20mm (12pcs)
141377320T	20	
141377300T		



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



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



Item No	Range		Reso- lution	Accu- 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			•

DEPTH DIGITAL CALIPER IP67



IP67



SWISS
ELECTRONICS

Item No	Range		Reso- lution	Accu- racy	Base	Protection	Preset	
	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"				•		

MICRON DEPTH DIGITAL CALIPER IP67



IP67



SWISS
ELECTRONICS

Item No	Range		Reso- lution	Accu- racy	Base	Protection	Preset
	mm	inch	mm	μm	mm		
1432010156	0-150	0-6"	0,001	±15	102	IP67	•
1432010206	0-200	0-8"		±20			•
1432010306	0-300	0-12"		±30			•
1432010506	0-500	0-20"		±50			•

WIRELESS DEPTH DIGITAL CALIPER IP67

MICROTECH



IP67  SWISS ELECTRONICS

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

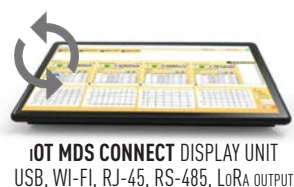
MICRON WIRELESS DEPTH DIGITAL CALIPER IP67



IP67  SWISS ELECTRONICS

Item No	Range		Reso- lution	Accu- racy	Base	Protection	Preset	WIRELESS
	mm	inch	mm	μm	mm			
1432010155	0-150	0-6"	0,001	±15	102	IP67	•	•
1432010205	0-200	0-8"		±20			•	•
1432010305	0-300	0-12"		±30			•	•
1432010505	0-500	0-20"						

OPTIONAL ACCESSORIES



DOWNLOAD APP



MADE IN UKRAINE

- **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)
- **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))



Item No	Range		Reso- lution	Accu- racy	Base	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	μm	mm												
1432010158	0-150	0-6"	0,005	±15	102	•	•	•	•	•	•	•	•	•	1000 val	•	•
1432010208	0-200	0-8"		±20		•	•	•	•	•	•	•	•	•		•	•
1432010308	0-300	0-12"		±25		•	•	•	•	•	•	•	•	•		•	•

COMPUTERIZED DEPTH CALIPER

- **Industry 4.0** adopted depth caliper with computerized MICS system (Patents US10184772, UA174949, UA126928)
- **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- lution	Accu- 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	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
1432011007	0-1000	0-40"		±50		•	•	•	•	•	•	•	•	•			
1432012007	0-2000	0-40"		±70		•	•	•	•	•	•	•	•	•			
1432013007	0-3000	0-40"		±90		•	•	•	•	•	•	•	•	•			

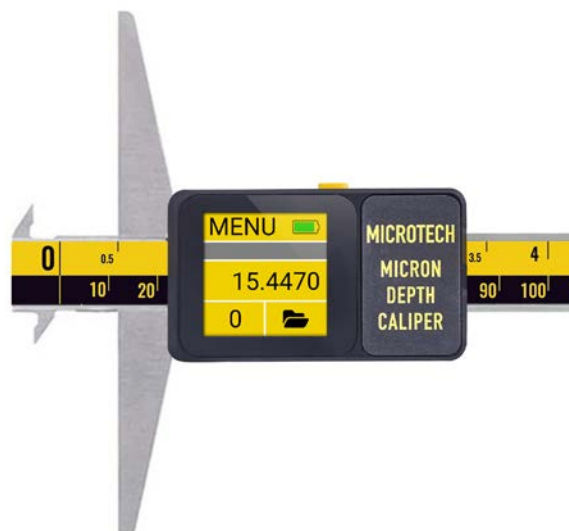
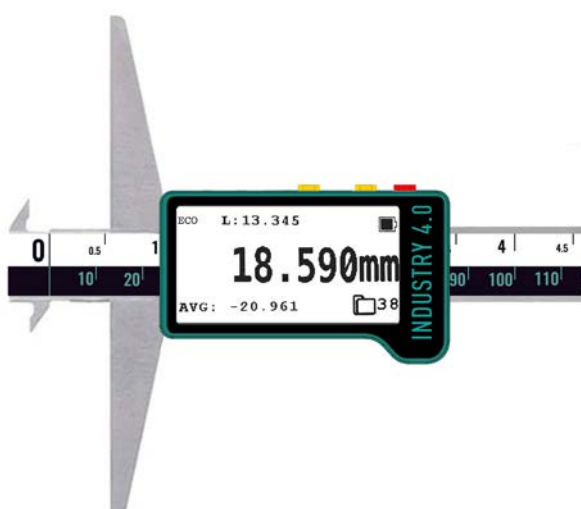
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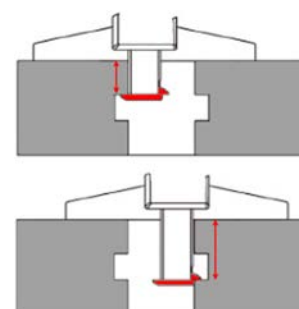
- Double hook depth calipers
- Digital IP54 / IP67 or Computerized **MICS** indication system Modification with **Long range Wireless**, **Wireless HID** or **USB HID** data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))



IP67  **SWISS**
ELECTRONICS



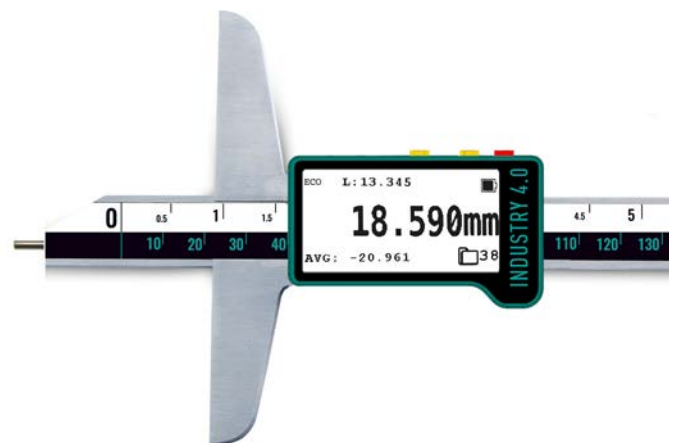
Item No	Range		Reso- lution	Accu- racy	Base	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	IISR
	mm	inch	mm	µm	mm													
DIGITAL DEPTH CALIPER IP54 DOUBLE HOOK																		
1432020152	0-150	0-6"	0,01	±20	102	IP54												•
1432020302	0-300	0-12"		±30														
DIGITAL DEPTH CALIPER IP67 DOUBLE HOOK																		
1432020153	0-150	0-6"	0,01	±20	102	IP67	•											
1432020303	0-300	0-12"					•											
WIRELESS DEPTH CALIPER IP67 DOUBLE HOOK																		
1432020154	0-150	0-6"	0,01	±20	102	IP67	•										•	
1432020304	0-300	0-12"					•											
E-INK DEPTH CALIPER IP54 DOUBLE HOOK																		
1432020158	0-150	0-6"	0,005	±15	102	IP54	•	•	•	•	•	•	•	•	•	•	•	•
1432020308	0-300	0-12"		±25			•	•	•	•	•	•	•	•	•	•	•	•
COMPUTERIZED DEPTH CALIPER IP54 DOUBLE HOOK																		
1432020157	0-150	0-6"	0,005	±15	102	IP54	•	•	•	•	•	•	•	•	•	•	•	•
1432020307	0-300	0-12"		±25			•	•	•	•	•	•	•	•	•	•	•	•



DOWNLOAD APP



- PIN tip depth calipers
- Digital IP67 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))



Item No	Range		Reso- lution	Accu- 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																
DIGITAL DEPTH CALIPER IP67 PIN TIP																						
1432030153	0-150	0-6"	0,01	±20	102	D 1,5	IP67	•														
1432030303	0-300	0-12"		±30																		
1432030503	0-500	0-20"		±40																		
WIRELESS DEPTH CALIPER IP67 PIN TIP																						
1432030154	0-150	0-6"	0,01	±20	102	D 1,5	IP67	•											•			
1432030304	0-300	0-12"		±30																		•
1432030504	0-500	0-20"		±40																		•
E-INK DEPTH CALIPER IP54 PIN TIP																						
1432030158	0-150	0-6"	0,005	±15	102	D 1,5	IP54	•	•	•	•	•	•	•	•	•	•	•	•			
1432030308	0-300	0-12"		±25																		
COMPUTERIZED DEPTH CALIPER IP54 PIN TIP																						
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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MADE IN UKRAINE

READOUT LINEAR SCALE DIGITAL

MICROTECH 



5µm

Item No	Range		Reso- lution	Accu- racy	Protection
	mm	inch	mm	µm	
142501145	0-150	0-6"		±15	IP54
142502145	0-200	0-8"	0,005	±15	
142503145	0-300	0-12"		±20	

MICRON READOUT LINEAR SCALE DIGITAL IP67

IP67



1µm

Item No	Range		Reso- lution	Accu- racy	Protection
	mm	inch	mm	µm	
142501144	0-150	0-6"		±10	IP67
142502144	0-200	0-8"	0,001	±12	
142503144	0-300	0-12"		±15	

MICRON READOUT LINEAR SCALE DIGITAL IP67



1µm

IP67  SWISS
ELECTRONICS

Item No	Range		Reso- lution	Accu- racy	Protection	Preset
	mm	inch	mm	µm		
142501146	0-150	0-6"		±10	IP67	•
142502146	0-200	0-8"	0,001	±12		•
142503146	0-300	0-12"		±15		•

MICRON WIRELESS READOUT LINEAR SCALE DIGITAL IP67



1µm

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID
    

IP67  SWISS
ELECTRONICS

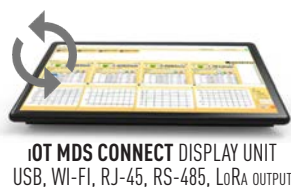
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OPTIONAL ACCESSORIES



Item No	Range		Reso- lution	Accu- racy	Protection	Preset	WIRELESS
	mm	inch	mm	µm			
142501148	0-150	0-6"		±10	IP67	•	•
142502148	0-200	0-8"	0,001	±12		•	•
142503148	0-300	0-12"		±15		•	•

MADE IN UKRAINE



IP67  **SWISS ELECTRONICS**

Item No	Range		Reso- lution	Accu- racy	Protection	Preset
	mm	inch	mm	µm		
142505147	0-500	0-20"	0,01	±40	IP67	•
142506147	0-600	0-24"		±50		•
142510147	0-1000	0-40"		±70		•
142515147	0-1500	0-60"		±80		•
142520147	0-2000	0-80"		±90		•
142525147	0-2500	0-100"		±100		•
142530147	0-3000	0-120"		±110		•
142540147	0-4000	0-160"		±120		•
142550147	0-5000	0-200"				•

MICRON READOUT LINEAR SCALE DIGITAL IP67



1µm

IP67  **SWISS ELECTRONICS**

Item No	Range		Reso- lution	Accu- racy	Protection	Preset
	mm	inch	mm	µm		
142505146	0-500	0-20"	0,001	±20	IP67	•
142510146	0-1000	0-40"		±30		•
142515146	0-1500	0-60"		±40		•
142520146	0-2000	0-80"		±50		•

MICRON WIRELESS READOUT LINEAR SCALE DIGITAL IP67

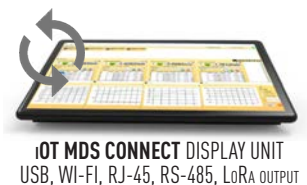


1µm

IP67  **SWISS ELECTRONICS**

Item No	Range		Reso- lution	Accu- racy	Protection	Preset	WIRELESS
	mm	inch	mm	µm			
142505148	0-500	0-20"	0,001	±20	IP67	•	•
142510148	0-1000	0-40"		±30		•	•
142515148	0-1500	0-60"		±40		•	•
142520148	0-2000	0-80"		±50		•	•

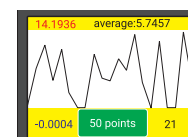
OPTIONAL ACCESSORIES



- Industry 4.0 adopted linear scale with computerized MICS system (Patents US10184772, UA174949, UA126928)
- 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
- Calibration certificate included (ISO17025 (Ilac MRA))

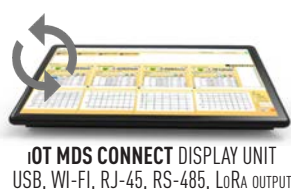


Item No	Range		Reso- lution	Accu- racy	Protection	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	Display
	mm	inch	mm	μm																	
142501140	0-150	0-6"	0,005	±10	IP54		•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	Touch 1.54"
142502140	0-200	0-8"		±15			•	•	•	•	•	•	•	•	•	•	•				
142503140	0-300	0-12"		±20			•	•	•	•	•	•	•	•	•	•	•				
142501141	0-150	0-6"	0,001	±8			•	•	•	•	•	•	•	•	•	•	•				
142502141	0-200	0-8"		±12			•	•	•	•	•	•	•	•	•	•	•				
142503141	0-300	0-12"		±15			•	•	•	•	•	•	•	•	•	•	•				
142505140	0-500	0-20"	0,01	±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		•	•	•	•	•	•	•	•	•	•	•	•				



ON-LINE
GRAPHIC MODE

OPTIONAL ACCESSORIES



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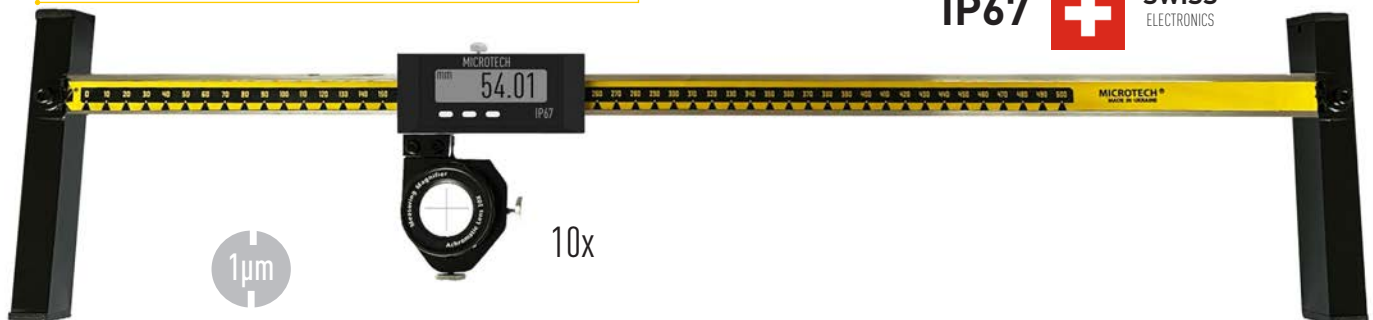


- MICRON linear scale with IP67 Swiss electronics
- Magnifier 10x loupe with scale
- RANGE up to 3000 mm
- Calibration certificate included (ISO17025 (Ilac MRA))

IP67



**SWISS
ELECTRONICS**



Item No	Range		Reso- lution	Accu- racy	Vision	Protection	Preset Max/Min	
	mm	inch	mm	µm				
142505151	0-500	0-20"	0,001	±20	10x magnifier	IP67	•	•
142510151	0-1000	0-40"		±30			•	•
142515151	0-1500	0-60"		±40			•	•
142520151	0-2000	0-80"		±50			•	•
142530151	0-3000	0-120"		±70			•	•

LINEAR SCALE COMPUTERIZED WITH MAGNIFIER

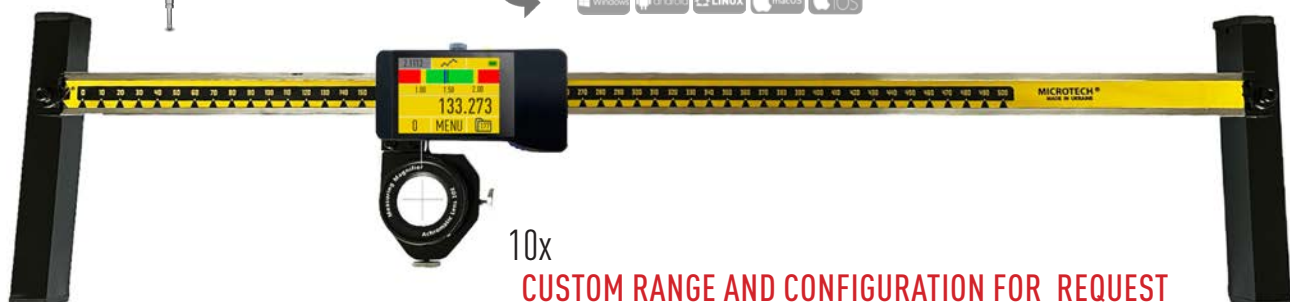
- Industry 4.0 adopted linear scale with computerized MICS system (Patents US10184772, UA174949, UA126928)
- Magnifier 10x loupe with scale
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- RANGE up to 3000 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))



MEASURING HUB
MICROTECH DEVICES CONNECT

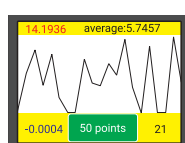


WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



Item No	Range		Reso- lution	Accu- 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
	mm	inch	mm	µm																		
142505156	0-500	0-20"	0,01	±30	10x magnifier	IP54	•	•	•	•	•	•	•	•	•	•	•	•	2000 val	•	•	•
142510156	0-1000	0-06"		±40			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142515156	0-1500	0-60"		±50			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142520156	0-2000	0-80"		±70			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142530156	0-3000	0-120"		±80			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•

- Industry 4.0 adopted linear scale with computerized MICS system (Patents US10184772, UA174949, UA126928)
- ROLL SLIDING SYSTEM
- MICROSCOPE with 7" display and 12Mp camera
- 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))

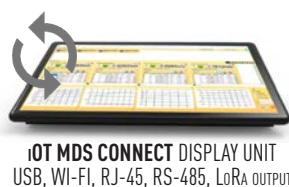


**ON-LINE
GRAPHIC MODE**



Item No	Range		Reso- lution	Accu- 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	0-550	0-22"	0,01	±20	Digital 7"LED 12Mp	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2000 val	•	•	•
142510158	0-1150	0-46"		±30		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142515158	0-1500	0-60"		±40		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142520158	0-2000	0-80"		±50		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142525158	0-2500	0-100"		±55		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142530158	0-3000	0-120"		±60		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142535158	0-3500	0-140"		±65		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•

OPTIONAL ACCESSORIES



DOWNLOAD APP



- Bore calipers for bore reading without removing the bar
- Digital IP54 electronics with PRESET function.
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range				Reso- lution	Accu- racy	Jaws		Preset
	Internal		External				Down	Depth	
	mm	inch	mm	inch			mm	mm	
141851122	22-300	0.9-12"	0-300	0-6"	0,01	±40	40	50	●
141851152	24-500	1-20"	0-500	0-20"		±60	60	60	●
141851162	30-600	1.2-24"	0-600	0-24"		±90	90	100	●



MICRON BORE DIGITAL CALIPER IP67

- Bore calipers for bore reading without removing the bar
- MICRON Swiss Digital IP67 electronics with PRESET function.
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range				Reso- lution	Accu- racy	Jaws		Preset
	Internal		External				Down	Depth	
	mm	inch	mm	inch			mm	mm	
141851126	22-300	0.9-12"	0-300	0-6"	0,001	±40	40	50	●
141851156	24-500	1-20"	0-500	0-20"		±60	60	60	●
141851166	30-600	1.2-24"	0-600	0-24"		±90	90	100	●



BORE COMPUTERIZED CALIPER

- 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))

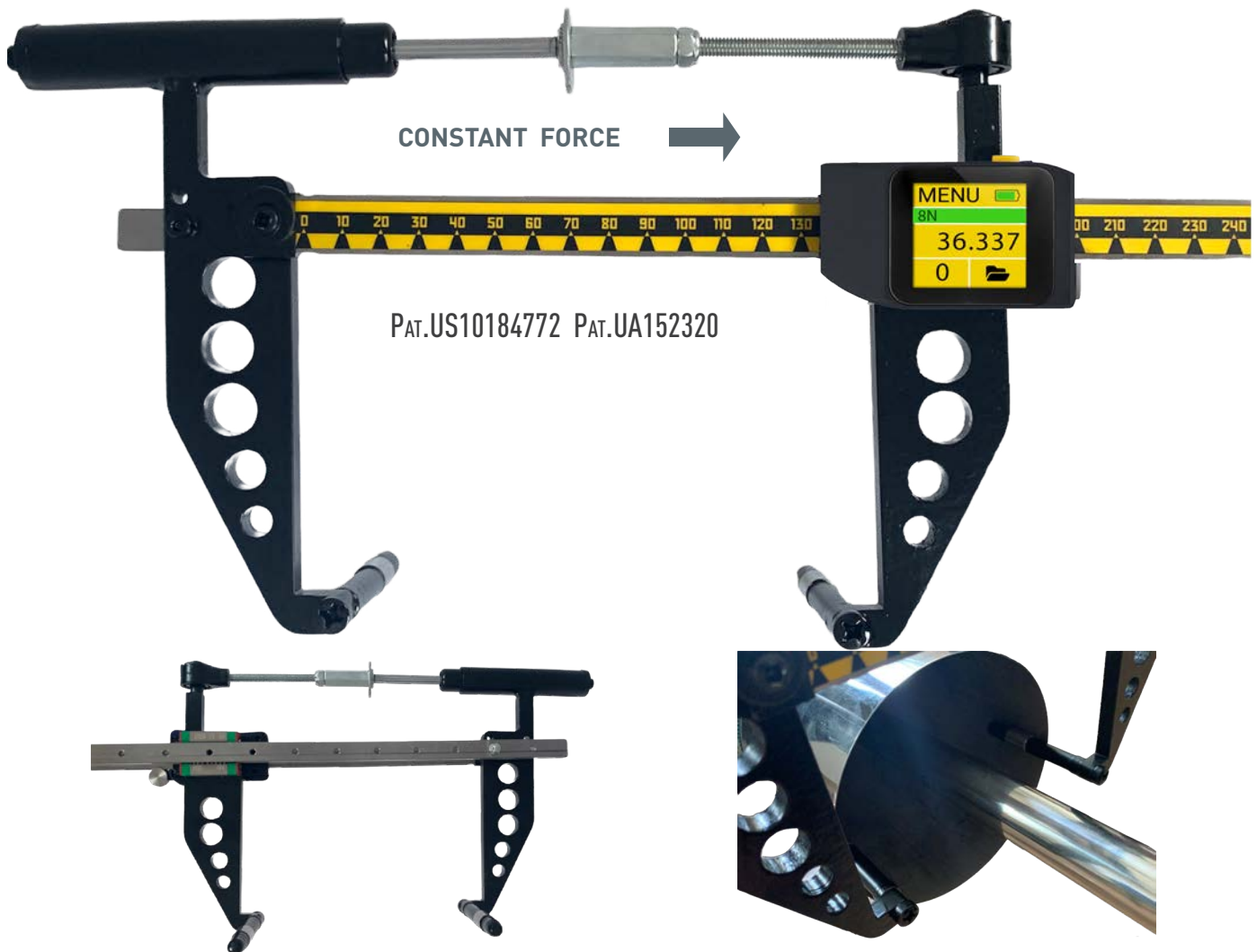


Item No	Range				Reso- lution	Accu- racy	Jaws		Constant Force	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	Internal		External				Down	Depth																
	mm	inch	mm	inch			mm	mm																
141851127	22-300	0.9-12"	0-300	0-6"	0,01	±30	40	50	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
141851157	24-500	1-20"	0-500	0-20"		±40	60	60	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
141851167	30-600	1.2-24"	0-600	0-24"		+70	90	100	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

CONSTANT FORCE BORE CALIPER

MICROTECH

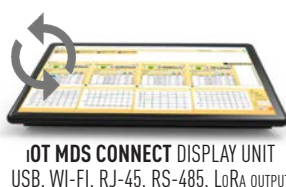
- Bore calipers for bore reading without removing the bar
- CONSTANT Force module for high accuracy and repeatability
- Computerized **MICS** indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any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



PAT.US10184772 PAT.UA152320

Item No	Range		Reso- lution	Accu- racy	Jaws			Max bore D	Roll system	Constant Force	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	Internal				Down	Depth	Anvil D																		
	mm	inch																							
141851037	20-300	0.9-12"	0,01	±20	100	60	10	180	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
141851057	30-500	1-20"		±35	150	100	14	270	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
141851107	50-1000	2-40"		±40	150	100	14	270	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
141851157	1000-1500	40-60"		±45	200	150	18	370	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
141851207	1500-2000	60-80"		±55	250	150	18	460	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
141851257	2000-2500	80-100"		±60	300	200	26	550	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
																							Folders / 2000 val		
																							Long range / HUD		
																							USB HUD / Update		

OPTIONAL ACCESSORIES

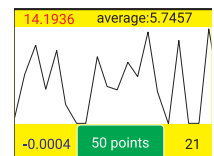


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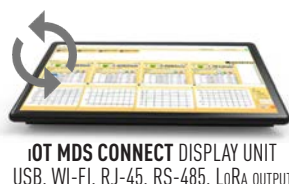
- Industry 4.0 adopted Tablet height gauge with computerized MICS system with 2.4" color Touchscreen
- Patents US10184772, UA144230, UA126928, UA99686, UA2022050400
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- 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))



**ON-LINE
GRAPHIC MODE**

Item No	Range		Resol.	Accur.	eForce control	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	N																
144303260	0-300	0-12"	0,01	±20	-	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
144305260	0-500	0-20"		±30		•	•	•	•	•	•	•	•	•	•	•	•	•			
144310260	0-1000	0-40"		±50		•	•	•	•	•	•	•	•	•	•	•	•	•			
144315260	0-1500	0-60"		±60		•	•	•	•	•	•	•	•	•	•	•	•	•			
144320260	0-2000	0-80"		±80		•	•	•	•	•	•	•	•	•	•	•	•	•			

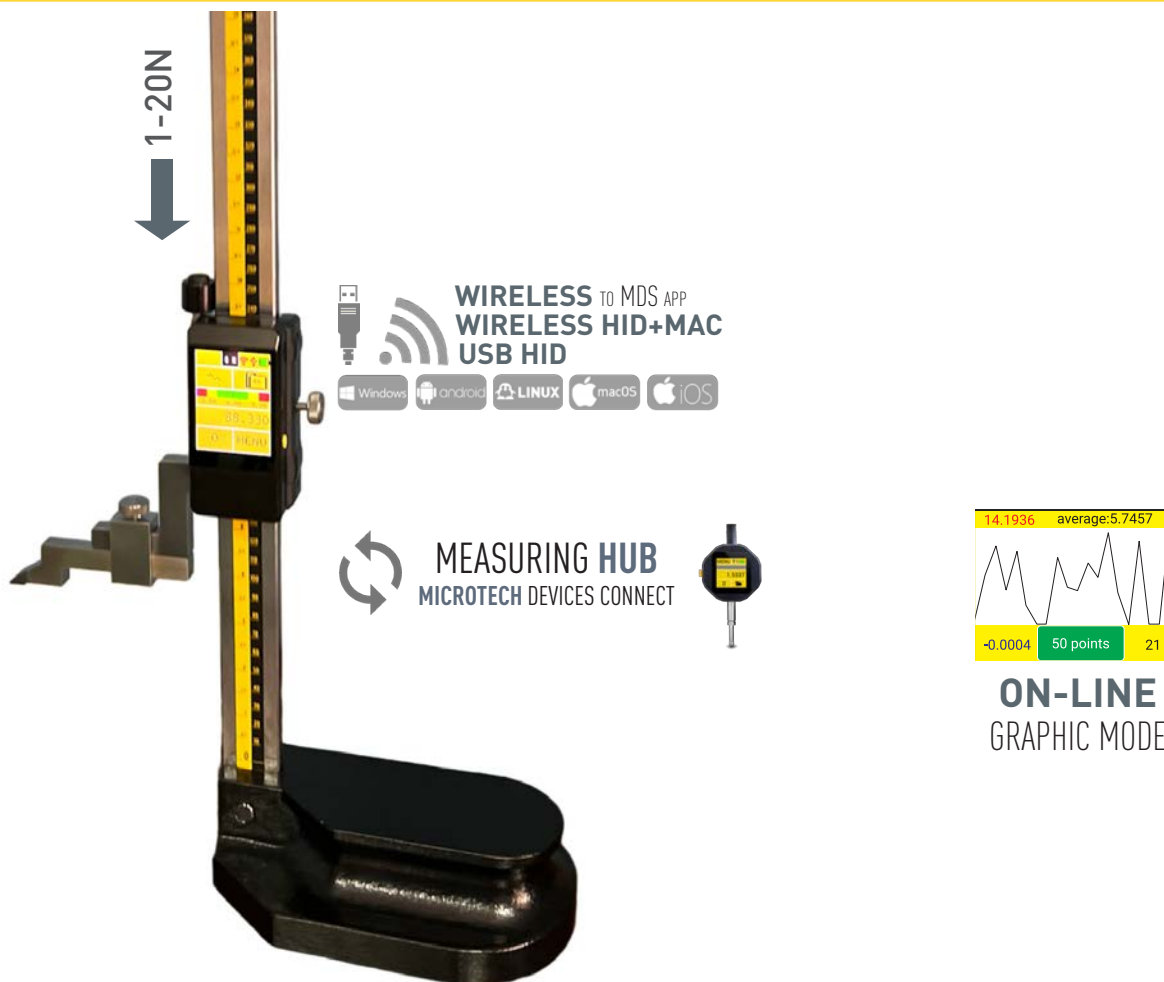
OPTIONAL ACCESSORIES



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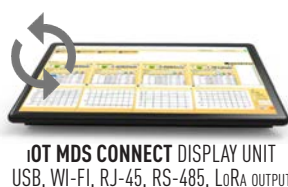


- Industry 4.0 adopted Tablet Force height gauge with computerized MICS system with 2.4" color Touchscreen
- Patents US10184772, UA144230, UA126928, UA99686, UA2022050400
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- 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	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	N																
144303263	0-300	0-12"	0,001	±15	1-20N	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
144303262				±20		•	•	•	•	•	•	•	•	•	•	•	•	•			
144305262	0-500	0-20"	0,01	±20		•	•	•	•	•	•	•	•	•	•	•	•	•			
144310262	0-1000	0-40"		±40		•	•	•	•	•	•	•	•	•	•	•	•	•			
144315262	0-1500	0-60"		±60		•	•	•	•	•	•	•	•	•	•	•	•	•			
144320262	0-2000	0-80"		±70		•	•	•	•	•	•	•	•	•	•	•	•	•			

OPTIONAL ACCESSORIES



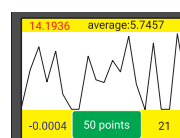
DOWNLOAD APP



- Industry 4.0 adopted Tablet double column micron height gauge with computerized MICS system with 3.5" color Touchscreen
- Patents US10184772, UA144230, UA126928, 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
- Calibration certificate included (ISO17025 (ILac MRA))

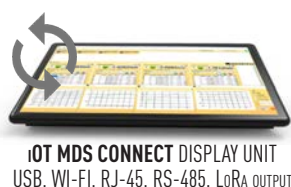


Item No	Range	Resolut.	Accu- racy	2D connection	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	mm	µm																
144303271	0-300	0,001	±15	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
144306271	0-600		±20	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
144310271	0-1000		±30	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



**ON-LINE
GRAPHIC MODE**

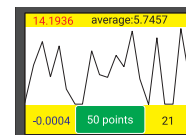
OPTIONAL ACCESSORIES



DOWNLOAD APP



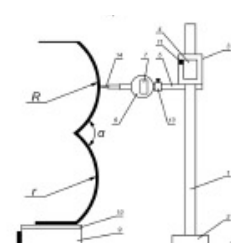
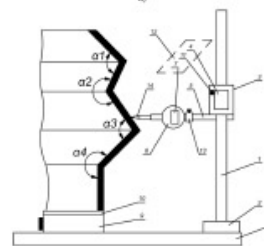
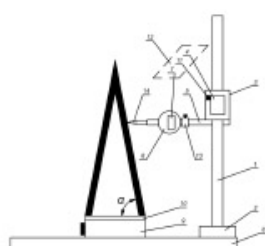
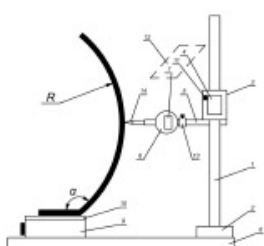
- Industry 4.0 adopted Tablet double column micron height gauge with computerized MICS system with 3.5" color Touchscreen
- **MANUAL 2D MEASURING** with **CONTACT** or **NON-CONTACT (Laser)** axis
- Patents US10184772, UA144230, UA126928, UA2022050400
- Functions: On-line Graphic, Analog scale, Go/NoGo, 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**
- Calibration certificate included (ISO17025 (Ilac MRA))



**ON-LINE
GRAPHIC MODE**

Item No	Range		Resolut.		Accu- racy	2D connection	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Memory	WIRELESS	IISF	
	Z	X	Z	X														
	mm	mm	mm	mm														
144303371	0-300	0-25	0,001	0,0001	±15	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / IIndate	
144306371	0-600				±20	•	•	•	•	•	•	•	•	•				•
144306372		0-50				•	•	•	•	•	•	•	•	•				
144310371	0-1000	0-25			±30	•	•	•	•	•	•	•	•	•				•
144310372		0-50				•	•	•	•	•	•	•	•	•				
144310373		0-100				•	•	•	•	•	•	•	•	•	•			

DOWNLOAD APP



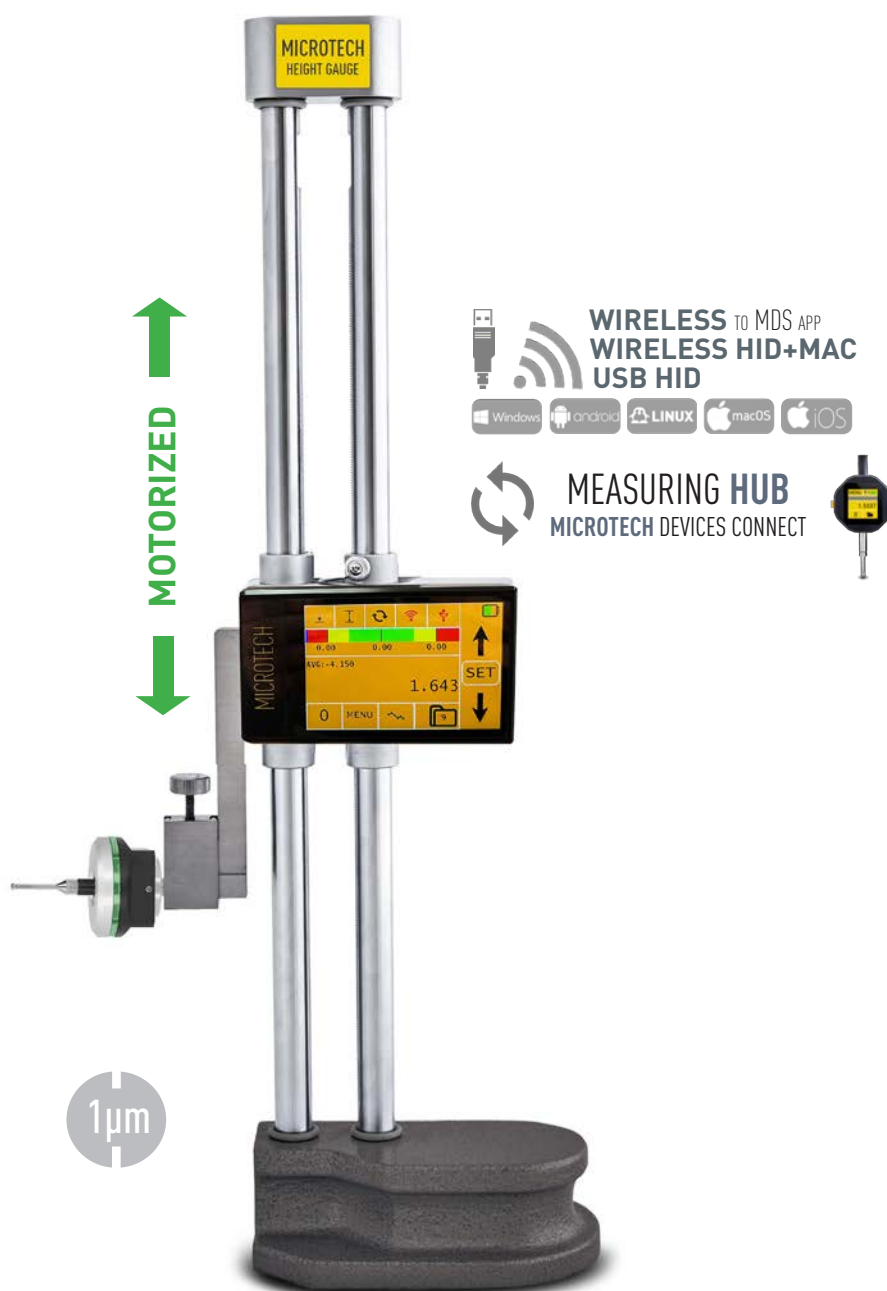
- Industry 4.0 adopted Tablet double column micron height gauge with computerized MICS system with 3.5" color Touchscreen
- **MOTORIZED** height gauge with AUTO measuring modes
- **Touch-trigger Probe** (Standard or Precision modification)
- Interchangeable stylus
- Patents US10184772, UA144230, UA126928, 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
- Calibration certificate included (ISO17025 (Ilac MRA))



STANDARD TOUCH PROBE TTP-01
3D TOUCH
5 AXIS TOUCH



PRECISION TOUCH PROBE TTP-03
3D TOUCH
5 AXIS TOUCH



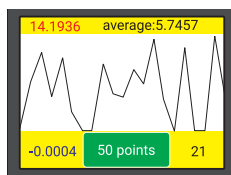
MOTORIZED MICRON HEIGHT GAUGE TTP-01 TOUCHPROBE

MICROTECH

Item No	Range	Resolut.	Accur.	Touch Probe	Stylus		Motorized	2D connection	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Memory	WIRELESS	USB
	mm	mm	μm																			
144303291	20-320		±10	TTP-01	D2mm L22mm	steel	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
144306291	20-620	0,001	±15				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
144310291	20-1020		±20				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

MOTORIZED MICRON HEIGHT GAUGE TTP-03 TOUCHPROBE

Item No	Range	Resolut.	Accur.	Touch Probe	Stylus		Motorized	2D connection	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Memory	WIRELESS	USB
	mm	mm	μm																			
144303293	20-320		±7	TTP-03	D4mm L22mm	ruby	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
144306293	20-620	0,001	±10				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
144310293	20-1020		±15				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



ON-LINE
GRAPHIC MODE



MOTORIZED
WITH AUTO MODE

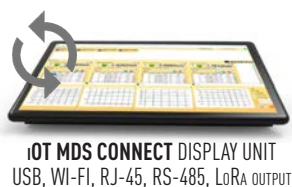
DOWNLOAD APP



OPTIONAL ACCESSORIES



MADE IN UKRAINE



PRECISION TOUCH PROBE TTP-02

- **Industry 4.0** adopted Motorized Tablet micron height gauge with computerized MICS system with 3.5" color Touchscreen
- Motorized column and Granite base
- **Touch-trigger Probe** (Standard or Precision modification)
- Interchangeable stylus
- External display with motorized column operating, indication, data output
- **Patents** US10184772, UA144230, UA126928, 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
- **Calibration** certificate included (ISO17025 (Ilac MRA))

EXTERNAL DISPLAY

- MOTORIZED COLUMN OPERATING
- MULTI-TOUCH FOR IMPROVING ACCURACY
- GRAPHIC MODE
- GEOMETRIC MEASURING
- PROGRAMMABLE MEASUREMENTS



STANDARD TOUCH PROBE TTP-01

3D TOUCH
5 AXIS TOUCH



PRECISION TOUCH PROBE TTP-03

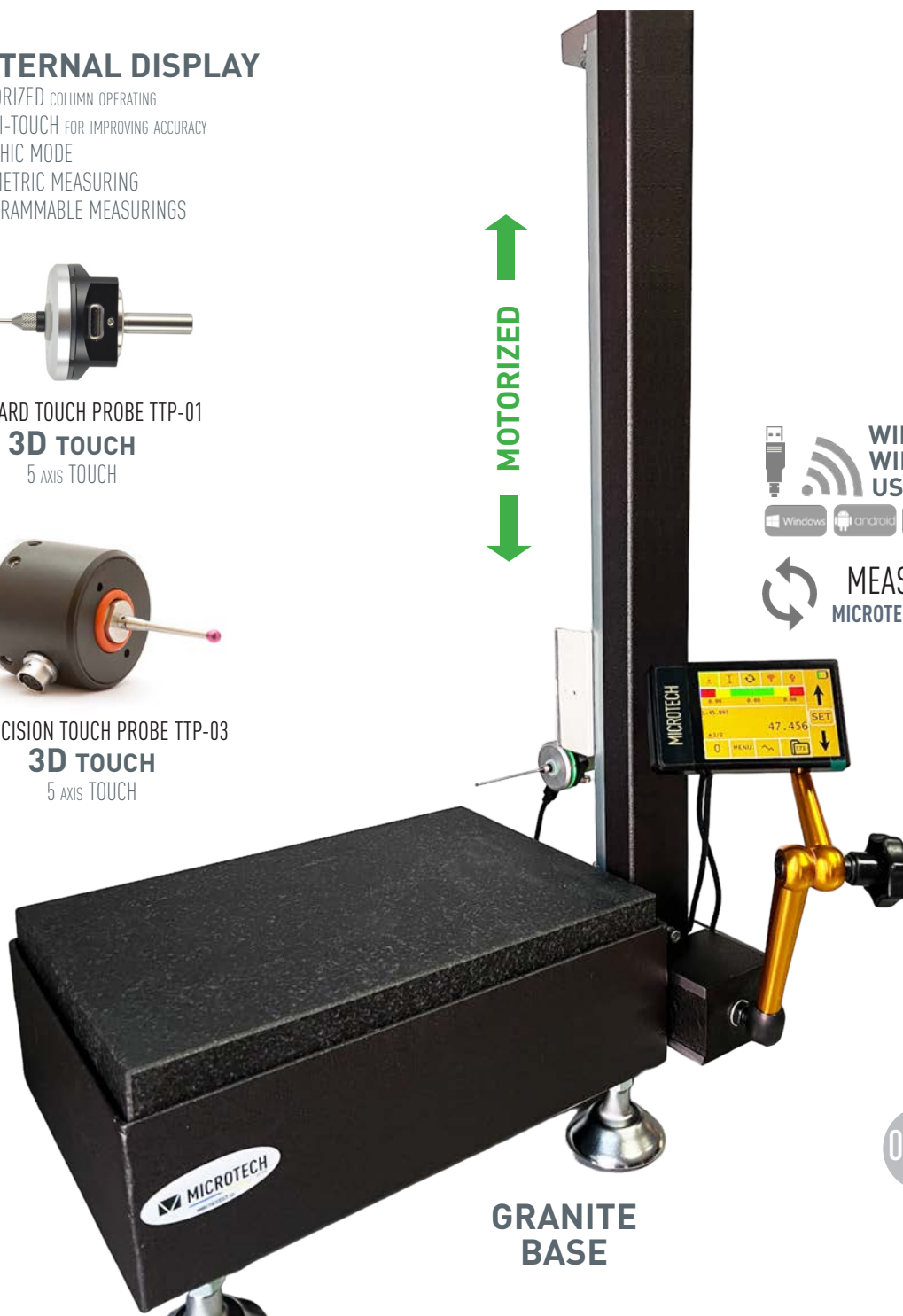
3D TOUCH
5 AXIS TOUCH

MOTORIZED

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



MEASURING HUB
MICROTECH DEVICES CONNECT



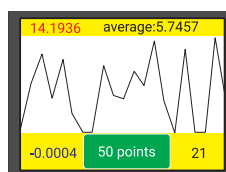
0,1μm

GRANITE
BASE

Item No	Range Z axis	Resolut.	Accur.	Granite base	Touch Probe	Stylus		2D connection	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB			
	mm	mm	µm	mm																						
144304277	0-400	0,0001	±10	300x200	TTP-01	D2mm L22mm	steel	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update			
144307277	0-700		±15					•	•	•	•	•	•	•	•	•	•	•	•	•				•	•	•
144311277	0-1000		±20					•	•	•	•	•	•	•	•	•	•	•	•	•				•	•	•

Item No	Range Z axis	Resolut.	Accur.	Granite base	Touch Probe	Stylus		2D connection	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB			
	mm	mm	µm	mm																						
144304278	0-400	0,0001	±5	300x200	TTP-03	D4mm L22mm	ruby	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update			
144307278	0-700		±8					•	•	•	•	•	•	•	•	•	•	•	•	•				•	•	•
144311278	0-1000		±12					•	•	•	•	•	•	•	•	•	•	•	•	•				•	•	•

CUSTOM RANGE AND GRANITE BASE SIZE FOR REQUEST



ON-LINE
GRAPHIC MODE

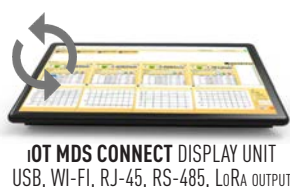


MOTORIZED
WITH AUTO MODE

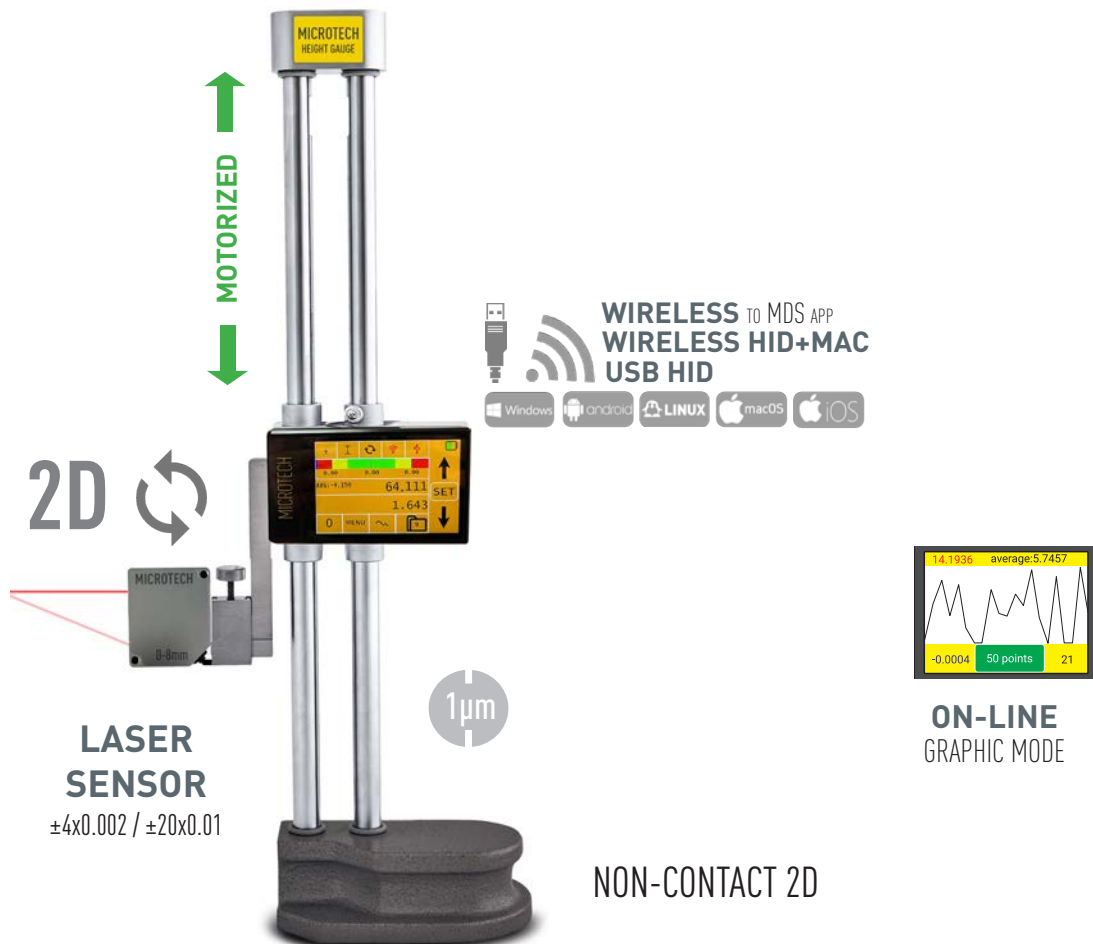
DOWNLOAD APP



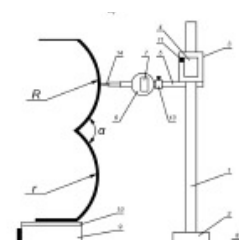
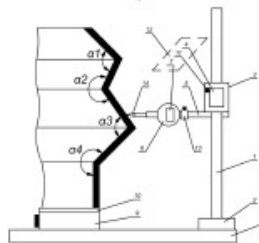
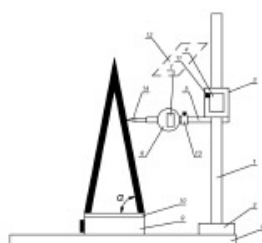
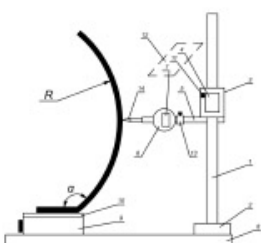
OPTIONAL ACCESSORIES



- Industry 4.0 adopted Tablet double column micron height gauge with computerized MICS system with 3.5" color Touchscreen
- **MOTORIZED** 2D height gauge with **NON-CONTACT** (Laser) axis
- 2D MEASURING **NON-CONTACT** (Laser) axis (with measuring range $\pm 4 \times 0.002 \text{ mm}$ or $\pm 20 \times 0.01 \text{ mm}$)
- 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))



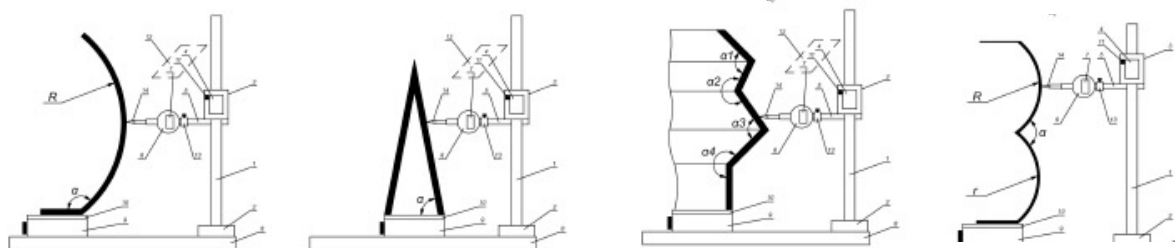
Item No	Range		Resolut.		Accur.	LASER sensor	2D connection	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Memory	WIRELESS	USB
	Z	X	Z	X														
	mm	mm	mm	mm														
144303391	30-330	± 4	0,001	0,002	± 15	•	•	•	•	•	•	•	•	•	•	•	•	•
144303392		± 20		0,010		•	•	•	•	•	•	•	•	•	•	•	•	•
144306391	30-630	± 4		0,002	± 20	•	•	•	•	•	•	•	•	•	•	•	•	•
144306392		± 20		0,010		•	•	•	•	•	•	•	•	•	•	•	•	•
144310391	30-1030	± 4		0,002	± 30	•	•	•	•	•	•	•	•	•	•	•	•	•
144310392		± 20		0,010		•	•	•	•	•	•	•	•	•	•	•	•	•



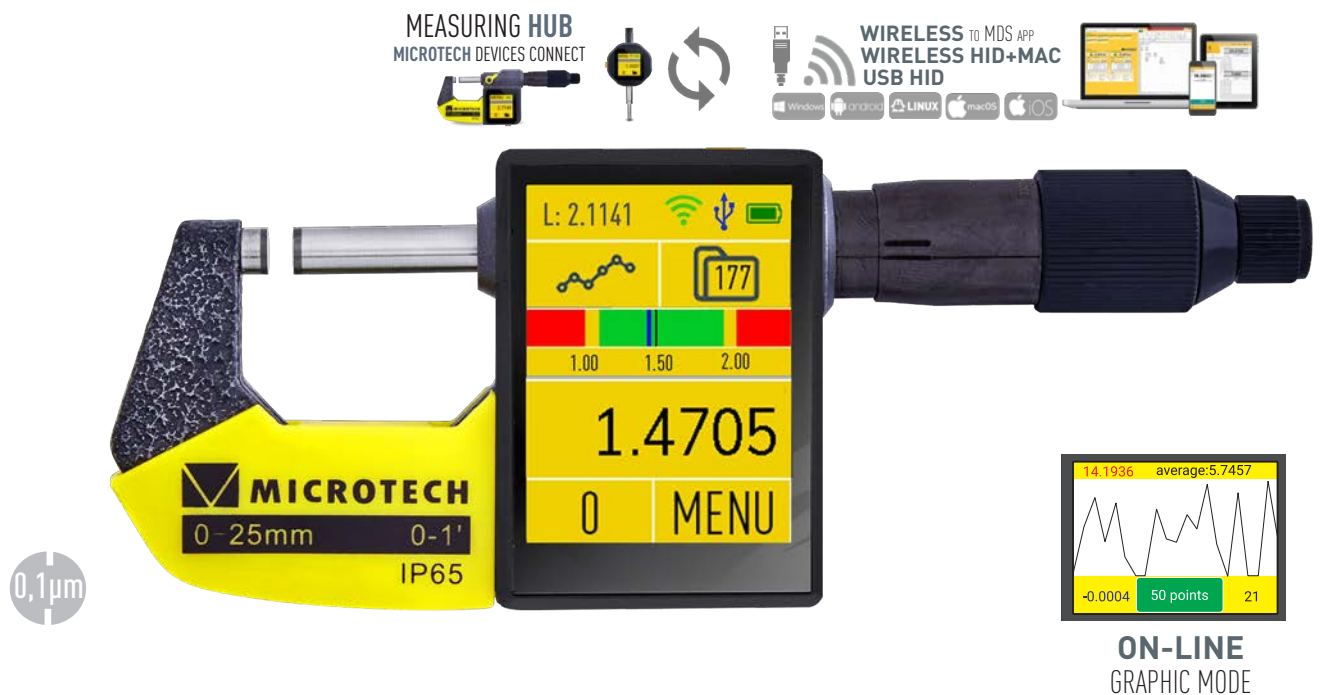
- Industry 4.0 adopted Motorized Tablet micron height gauge with computerized MICS system with 3.5" color Touchscreen
- Motorized column and Granite base
- 2D MEASURING NON-CONTACT (Laser) axis (with measuring range $\pm 4 \times 0.002 \text{ mm}$ or $\pm 20 \times 0.01 \text{ mm}$)
- External display with motorized column operating, indication, data output
- Patents US10184772, UA144230, UA126928, 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
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range		Resolut.		Accur.	Laser sensor	Motorized	2D connection	Measuring HUB	ON-line Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Memory	WIRELESS	USB
	Z	X	Z	X															
	mm	mm	mm	mm															
144304397	0-400	±4	0,001	0,002	±10	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
144304398		±20		0,010		•	•	•	•	•	•	•	•	•	•	•			
144307397	0-700	±4		0,002	±15	•	•	•	•	•	•	•	•	•	•	•			
144307398		±20		0,010		•	•	•	•	•	•	•	•	•	•	•			
144311397	0-1000	±4		0,002	±20	•	•	•	•	•	•	•	•	•	•	•			
144311398		±20		0,010		•	•	•	•	•	•	•	•	•	•	•			



- Industry 4.0 adopted sub-micron Tablet micrometer with computerized MICS system with 2.4" 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
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))



0,1µm

Item No	Range		Reso- lution	Accuracy	Repeat- ability	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	µm															
110180259	0-25	0-1"	0,0001	±1,0	0,5	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val Long range / HID USB HID / Update		
110180509	25-50	1-2"		±1,3	0,5	•	•	•	•	•	•	•	•	•	•	•	•			
110180759	50-75	2-3"		±1,5	0,8	•	•	•	•	•	•	•	•	•	•	•	•			
110181009	75-100	3-4"		±1,8	0,8	•	•	•	•	•	•	•	•	•	•	•	•			
110181259	100-125	4-5"		±2,3	1,0	•	•	•	•	•	•	•	•	•	•	•	•			
110181509	125-150	5-6"		±2,5	1,0	•	•	•	•	•	•	•	•	•	•	•	•			
110181759	150-175	6-7"		±3,0	1,0	•	•	•	•	•	•	•	•	•	•	•	•			
110182009	175-200	7-8"		±3,0	1,0	•	•	•	•	•	•	•	•	•	•	•	•			
110182259	200-225	8-9"		±3,0	1,0	•	•	•	•	•	•	•	•	•	•	•	•			
110182509	225-250	9-10"		±3,0	1,0	•	•	•	•	•	•	•	•	•	•	•	•			
110182759	250-275	10-11"		±3,0	1,0	•	•	•	•	•	•	•	•	•	•	•	•			
110183009	275-300	11-12"		±3,0	1,0	•	•	•	•	•	•	•	•	•	•	•	•			
110183509	300-350	12-14"		±4,5	1,0	•	•	•	•	•	•	•	•	•	•	•	•			
110183909	350-400	14-16"		±5,0	1,0	•	•	•	•	•	•	•	•	•	•	•	•			

TABLET MICROMETER SETS

110181119	0-100	0-4"	TABLET micrometer - 4pcs; Setting rods -3pcs																	
110181519	0-150	0-6"	TABLET micrometer - 6pcs; Setting rods -5pcs																	
110182119	0-200	0-8"	TABLET micrometer - 8pcs; Setting rods -7pcs																	
110183119	0-300	0-12'	TABLET micrometer - 12pcs; Setting rods -11pcs																	
110184119	0-400	0-16"	TABLET micrometer - 14pcs; Setting rods -13pcs																	

DOWNLOAD APP



- Industry 4.0 adopted sub-micron micrometer with computerized MICS system with 2,4" color Touchscreen
- **WIDE RANGE (40mm) with NON-ROTATING SPINDLE**
- **SOLID CARBIDE SPINDLE**
- **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
- Top quality Aluminium housing and handle (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))

MEASURING HUB
MICROTECH DEVICES CONNECT



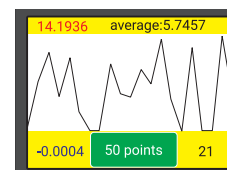
WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



**NON-ROTATING
SOLID CARBIDE
SPINDLE**



0-40 mm



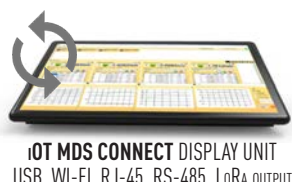
**ON-LINE
GRAPHIC MODE**

Item No	Range	Resolution	Accuracy	Repeat-ability	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	mm	μm	μm															
110170409	0-40	0,001	±2	0,5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110170809	40-80		±3		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110171209	80-120		±3		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110171609	120-160		±4		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110172009	160-200		±4		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL ACCESSORIES



ACCESSORIES FOR DATA TRANSFER



IoT MDS CONNECT DISPLAY UNIT
USB, WI-FI, RJ-45, RS-485, LoRa OUTPUT



IoT DATA BUTTON



MICROMETER STAND

DOWNLOAD APP

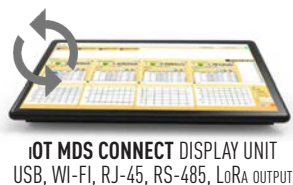


- Industry 4.0 adopted sub-micron micrometer with computerized MICS system with 1,54" color Touchscreen
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection indication
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso- lution	Accu- racy	Repeat- ability	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	μm	μm												
110180258	0-25	0-1"	0,0001	±1,5	0,5	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
110180508	25-50	1-2"		±1,6	0,5	•	•	•	•	•	•	•	•	•			
110180758	50-75	2-3"		±1,8	0,8	•	•	•	•	•	•	•	•	•			
110181008	75-100	3-4"		±2,0	0,8	•	•	•	•	•	•	•	•	•			
110181258	100-125	4-5"		±2,5	1,0	•	•	•	•	•	•	•	•	•			
110181508	125-150	5-6"		±3,0	1,0	•	•	•	•	•	•	•	•	•			
110181758	150-175	6-7"		±3,5	1,0	•	•	•	•	•	•	•	•	•			
110182008	175-200	7-8"		±3,5	1,0	•	•	•	•	•	•	•	•	•			
110182258	200-225	8-9"		±4,0	1,0	•	•	•	•	•	•	•	•	•			
110182508	225-250	9-10"		±4,0	1,0	•	•	•	•	•	•	•	•	•			
110182758	250-275	10-11"		±4,0	1,0	•	•	•	•	•	•	•	•	•			
110183008	275-300	11-12"		±4,0	1,0	•	•	•	•	•	•	•	•	•			

OPTIONAL ACCESSORIES



DOWNLOAD APP

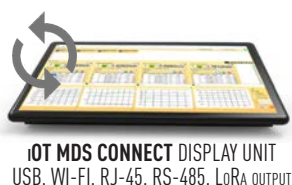


- Industry 4.0 adopted sub-micron Tablet micrometer with computerized MICS system with 2.4" color Touchscreen
- Bench configuration for laboratory using
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH 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
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))



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	IISR
	Stand		Micrometer head																			
	mm	inch	mm	inch		mm																
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"		±1.5		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

OPTIONAL ACCESSORIES



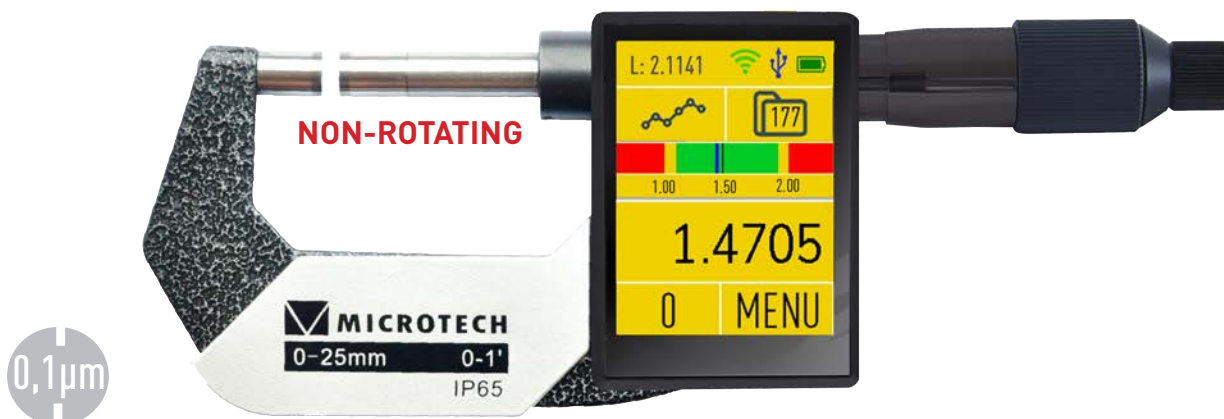
DOWNLOAD APP



MEASURING HUB
MICROTECH DEVICES CONNECT



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



0,1 μ m

Item No	Range		Reso- lution	Accu- racy	Repeat- ability	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	μ m	μ m															
110170259	0-25	0-1"	0,0001	± 1.5	0,5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110170509	25-50	1-2"		± 2	0,5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

DOWNLOAD APP



DOUBLE RANGE SUB-MICRON MICROMETER

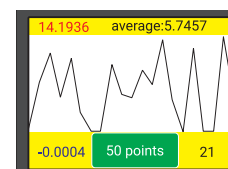
MEASURING HUB
MICROTECH DEVICES CONNECT



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



0,1 μ m



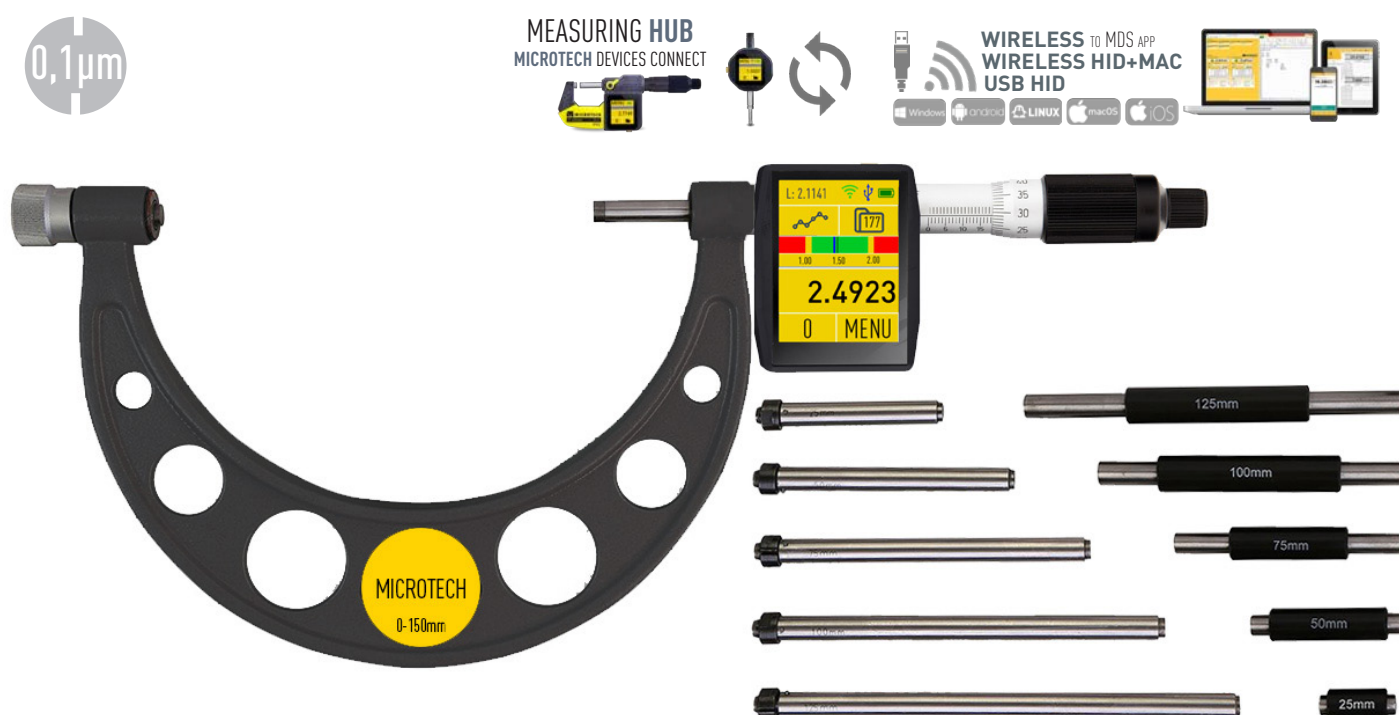
ON-LINE
GRAPHIC MODE

Item No	Range		Resolution	Accuracy	Repeat- ability	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	μ m	μ m															
110180519	0-50	0-2"	0,0001	± 2.5	0,5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110181019	50-100	2-4"		± 2.5	0,8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
DOUBLE RANGE TABLET MICROMETER SET																				
110181219	0-100	0-4"	TABLET micrometer - 2pcs; Setting rod - 1pcs																	

WIDE RANGE SUB-MICRON MICROMETER WITH INTERCHANGEABLE ANVILS

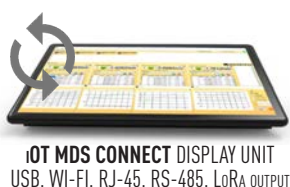
MICROTECH

- Industry 4.0 adopted sub-micron WIDE range micrometer with computerized MICS system with 2.4" color Touchscreen
- Interchangeable anvils (5pcs) 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
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range		Micro-meter head range	Reso-lution	Accu-racy	Repeat-ability	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
	mm	inch		mm	μm	μm																	
110181539	0-150	0-2"	25	0,0001	±3.5	1	5	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110183039	150-300	2-4"			±4	1	5	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL ACCESSORIES



DOWNLOAD APP



MADE IN UKRAINE

- High accuracy up to $\pm 2\mu\text{m}$ (in 2 times better than DIN 863-1)
- Friction thimble micrometer head
- Functions: mm/inch, origin, hold
- Aluminium housing with IP65 protection
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso- lution	Accu- racy	Anvil D	Protection	mm/inch	ABS/INC	HOLD		
	mm	inch	mm	µm	mm						
110180254	0-25	0-1"	0,001	±2	6.5	IP65	•	•	•		
110180504	25-50	1-2"		±2			•	•	•		
110180754	50-75	2-3"		±2			•	•	•		
110181004	75-100	3-4"		±3			•	•	•		
110181254	100-125	4-5"		±4			•	•	•		
110181504	125-150	5-6"		±4			•	•	•		
110181754	150-175	6-7"		±4			•	•	•		
110182004	175-200	7-8"		±4			•	•	•		
110182254	200-225	8-9"		±5			•	•	•		
110182504	225-250	9-10"		±5			•	•	•		
110182754	250-275	10-11"		±5			•	•	•		
110183004	275-300	11-12"		±5			•	•	•		
110183504	300-350	12-14"		±7			•	•	•		
110183904	350-400	14-16"		±8			•	•	•		
DIGITAL MICROMETER SET											
110181114	0-100	0-4"	DIGITAL micrometer - 4pcs;								
110181514	0-150	0-6"	DIGITAL micrometer - 6pcs;								
110182114	0-200	0-8"	DIGITAL micrometer - 8pcs;								
110183114	0-300	0-12"	DIGITAL micrometer - 12pcs;								
110184114	0-400	0-16"	DIGITAL micrometer - 14pcs;								

OPTIONAL ACCESSORIES



MICROMETER STAND

NON-ROTATING DIGITAL MICROMETER IP65

MICROTECH 

- High accuracy up to $\pm 2\mu\text{m}$ (in 2 times better than DIN 863-1)
- Friction thimble micrometer head
- Non-rotating spindle
- Functions: mm/inch, origin, hold
- Aluminium housing with IP65 protection
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso- lution	Accu- racy	Anvil D	Protection	mm/inch	ABS/INC	HOLD
	mm	inch	mm	μm	mm				
110170254	0-25	0-1"	0,001	± 2	7.5	IP65	•	•	•
110170504	25-50	1-2"		± 2			•	•	•

DOUBLE RANGE DIGITAL MICROMETER IP65

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



Item No	Range		Reso- lution	Accu- racy	Anvil D	Protection	mm/inch	ABS/INC	HOLD
	mm	inch	mm	µm	mm				
110180514	0-50	0-2"	0,001	±3	6.5	IP65	•	•	•
110181014	50-100	2-4"		±4			•	•	•
DIGITAL MICROMETER SET									
110181124	0-100	0-4"	TABLET micrometer - 2pcs:						

OPTIONAL ACCESSORIES



MICROMETER STAND

MADE IN UKRAINE

- 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	Reso- lution	Accu- racy	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		



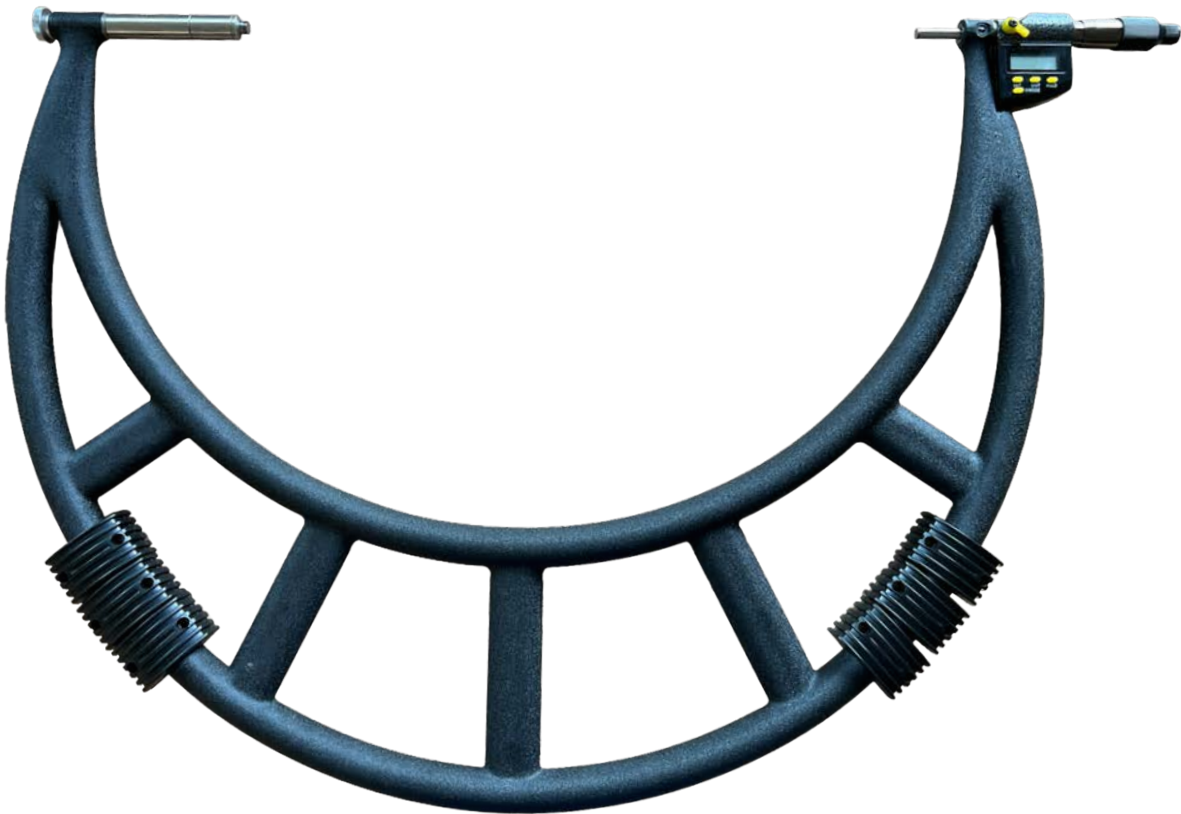
MICRON OUTSIDE MICROMETER

- 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- lution	Accu- 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		

- Wide range digital micrometers 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	12-15"	0,001	±7	25	1,9	•
110175001	400-500	15-20"		±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	50	6,7	•
110171201	1000-1200	40-48"		±18		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	•

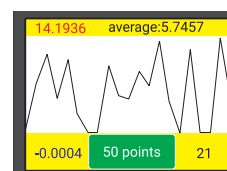
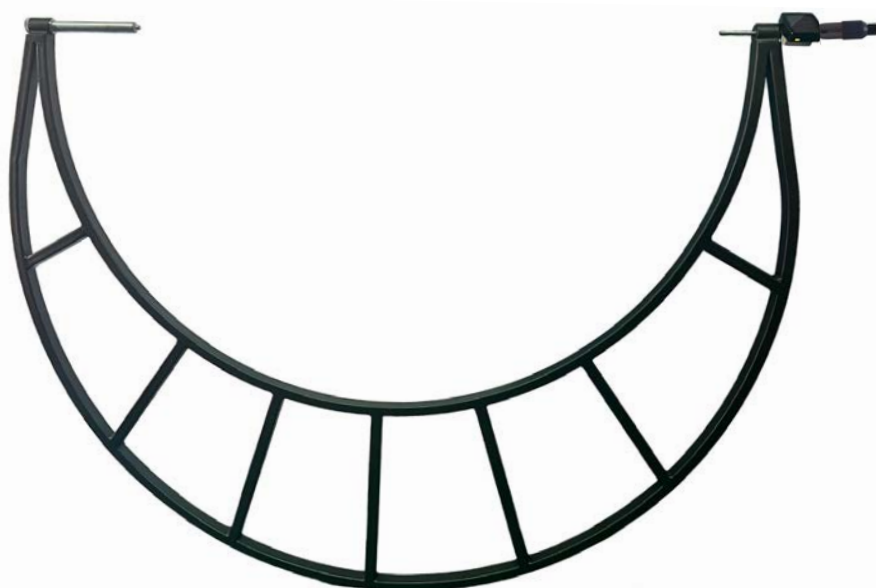


- Wide range micrometers with range up to 3 m
- Patents UA108044, UA99686, UA2022050400
- Computerized **MICS** indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- Setting rods included
- **Calibration** certificate included (ISO17025 (Ilac MRA))

MEASURING HUB
MICROTECH DEVICES CONNECT



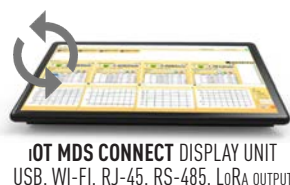
WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



ON-LINE
GRAPHIC MODE

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
	mm	inch	mm	μm	mm	kg																	
110184008	300-400	12-15"	0,0001	±5	25	1,9	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val Long range / HID USB HID / Update		
110185008	400-500	15-20"		±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	•	•	•	•	•	•	•	•	•	•	•	•	•	•			

OPTIONAL ACCESSORIES



DOWNLOAD APP



- Wide range micrometers with range up to 10 m
- Patented Modular construction for easy transportation (assembling 15 minutes)
- Patents UA108044, UA99686, UA2022050400
- 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.
- Setting rods included
- Calibration certificate included (ISO17025 (Ilac MRA))

MEASURING HUB
MICROTECH DEVICES CONNECT

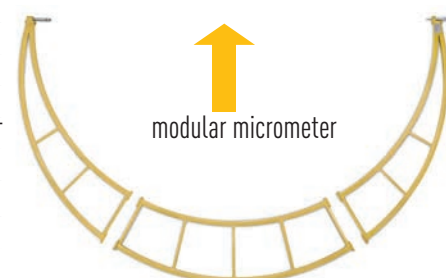


WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



CUSTOM RANGE AND GAUGE CONFIGURATION FOR REQUEST

Item No	Range	Resol.	Accur.	Modules	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	Memory	WIRELESS	USB
	mm	mm	μm		mm	kg															
110160155	1000-1500	0,0001	±28	2	50	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
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	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



DOWNLOAD APP



OPTIONAL ACCESSORIES



IoT MDS CONNECT DISPLAY UNIT
USB, WI-FI, RJ-45, RS-485, LoRa OUTPUT



IoT DATA BUTTON

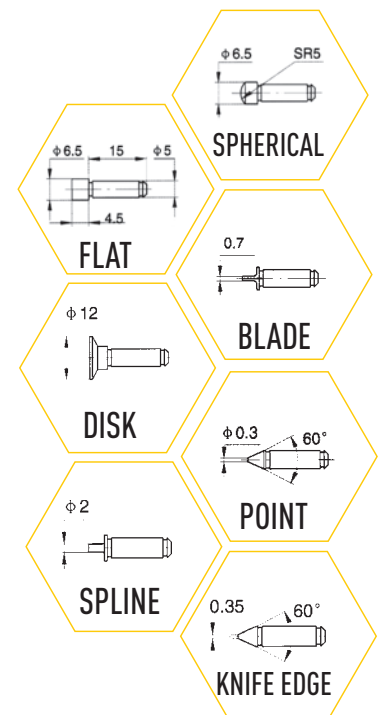
- Industry 4.0 adopted sub-micron Universal micrometer with computerized MICS system with 2.4" color Touchscreen
- Patents UA126928, UA99686, UA2022050400
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- 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
- Calibration certificate included (ISO17025 (Ilac MRA))



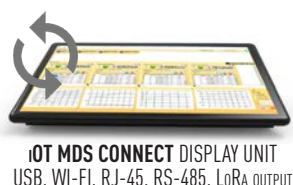
7 PAIRS ANVILS INCLUDES

7 PAIRS OF ANVILS

Item No	Range		Resol.	Accur.	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																
110750258	0-25	0-1"	0,0001	±3	•	•	•	•	•	•	•	•	•	•	•	•	•			
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	•	•	•	•	•	•	•	•	•	•	•	•	•			
110752258	200-225	8-9"		±7	•	•	•	•	•	•	•	•	•	•	•	•	•			
110752508	225-250	9-10"		±8	•	•	•	•	•	•	•	•	•	•	•	•	•			
110752758	250-275	10-11"		±8	•	•	•	•	•	•	•	•	•	•	•	•	•			
110753008	275-300	11-12"		±8	•	•	•	•	•	•	•	•	•	•	•	•	•			
110754008	300-400	12-16"		±10	•	•	•	•	•	•	•	•	•	•	•	•	•			
110755008	400-500	16-20"		±10	•	•	•	•	•	•	•	•	•	•	•	•	•			
110756008	500-600	20-24"		±12	•	•	•	•	•	•	•	•	•	•	•	•	•			
110757008	600-700	24-28"		±14	•	•	•	•	•	•	•	•	•	•	•	•	•			
110758008	700-800	28-32"		±14	•	•	•	•	•	•	•	•	•	•	•	•	•			
110759008	800-900	32-36"		±15	•	•	•	•	•	•	•	•	•	•	•	•	•			
110750008	900-1000	36-40"		±15	•	•	•	•	•	•	•	•	•	•	•	•	•			



OPTIONAL ACCESSORIES



DOWNLOAD APP

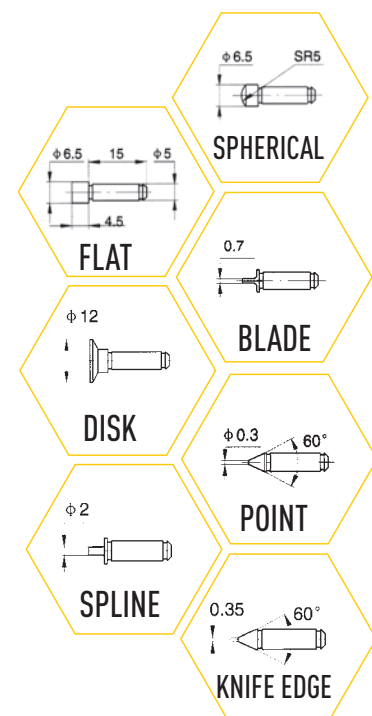


- Industry 4.0 adopted sub-micron Universal BENCH micrometer with computerized MICS system with 2.4" color Touchscreen
- Patents UA126928, UA99686, UA2022050400
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- 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
- Calibration certificate included (ISO17025 (Ilac MRA))

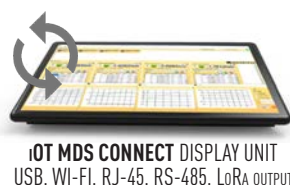


Item No	Range		Resol.		Accur.	NON-ROTATING	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	μm																
110750298	0-25	0-1"	0.0001	±2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

7 PAIRS OF ANVILS



OPTIONAL ACCESSORIES



- 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))

MEASURING HUB
MICROTECH DEVICES CONNECT



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



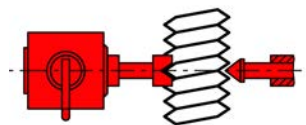
NON-ROTATING

0,1µm

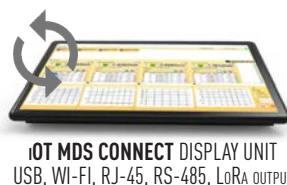


Item No	Range		Resol.	Accur.	Anvils SET	Thread standard	NON-ROTATING	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	2D Synchronize	Memory	WIRELESS	USB
	mm	inch	mm	µm																		
110710258	0-25	0-1"	0,0001	±3	0.4-7mm 6pcs																	
110710508	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																		

THREAD ANVILS
SET & STANDARD
(over 25m range)
INCLUDES



OPTIONAL ACCESSORIES



DOWNLOAD APP



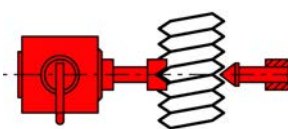
MADE IN UKRAINE

- **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))

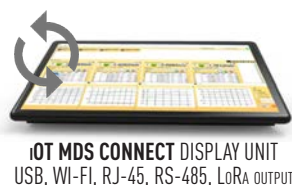


Item No	Range		Resol.	Accur.	Anvils SET	Thread standard	NON-ROTATING	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	2D Synchronize	Memory	WIRELESS	USB
	mm	inch	mm	μm																		
110720258	0-25	0-1"	0,0001	±3	60-3.5 TPI 10pcs																	
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	375-400	14-15"		±10																		
110724008	375-400	15-16"		±10																		

THREAD ANVILS
SET & STANDARD
(over 25m range)
INCLUDES



OPTIONAL ACCESSORIES



DOWNLOAD APP



MICROTECH

- Digital DISK micrometers
- NON-rotating spindle with Disk anvils D 20
- Calibration certificate included (ISO17025 (Ilac MRA))

DISK DIGITAL MICROMETER

NON-ROTATING



Item No	Range		Reso- lution	Accu- racy	Disk	NON-ROTATING
	mm	inch	mm	μm	mm	
110780251	0-25	0-1"	0,001	±4	D 20	•
110780501	25-50	1-2"		±4		•
110780751	50-75	2-3"		±5		•
110781001	75-100	3-4"		±5		•



D 20MM

DISK COMPUTERIZED MICROMETER

- 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))

MEASURING HUB
MICROTECH DEVICES CONNECT



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



NON-ROTATING



0,1μm



20MM

Item No	Range		Reso- lution	Accu- 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															
110780258	0-25	0-1"	0,0001	±3	D 20	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110780508	25-50	1-2"		±3		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110780758	50-75	2-3"		±4		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110781008	75-100	3-4"		±4		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

DOWNLOAD APP



MADE IN UKRAINE

- 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))

MEASURING HUB
MICROTECH DEVICES CONNECT



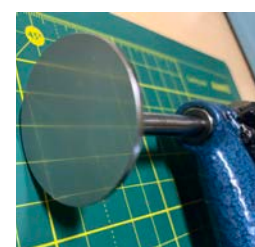
WIRELESS to MDS APP
WIRELESS HID+MAC
USB HID



NON-ROTATING



D 35MM



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

OPTIONAL ACCESSORIES



STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER



IoT MDS CONNECT DISPLAY UNIT
USB, WI-FI, RJ-45, RS-485, LoRa OUTPUT

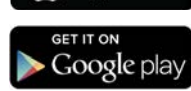
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Download Windows App



Download on the App Store



GET IT ON Google play

- **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). 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))



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	IISR	
	mm	inch	mm	μm																		
THREAD COMPUTERIZED MICROMETERS WITH METRIC 60 ANVILS SET																						
110740258	0-25	0-1"	0,0001	±3	OPTIONAL	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
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		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110742258	200-225	8-9"		±7		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110742508	225-250	9-10"		±8		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110742758	250-275	10-11"		±8		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110743008	275-300	11-12"		±8		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110743258	325-350	12-13"		±9		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110743508	350-375	13-14"		±9		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110743758	250-375	14-15"		±10		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110744008	375-400	15-16"		±10		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Folders / 2000 val																						
Long range / HID																						
IISR-HID / Update																						

DOWNLOAD APP



BALL ANVILS

Item No	Ball dia	Module	Pitch
	mm		
110740001	1	0,6-0,65	45
110740002	1,5	0,9-1,0	28-26
110740003	2	1,25	22
110740004	2,5	1,5	17
110740005	3	1,75	15
110740006	3,5	2	13
110740007	4	2,25	11
110740008	4,5	2,5	10
110740009	5	2,75	9
110740010	6	3,5	7
110740100	Ball anvils SET 10 pcs 1-6mm		



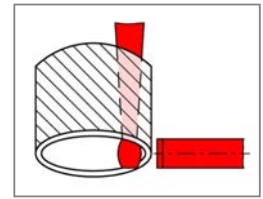
OPTIONAL ACCESSORIES



TUBE DIGITAL MICROMETER

MICROTECH

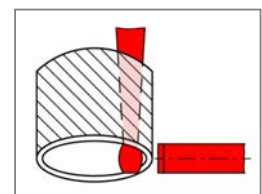
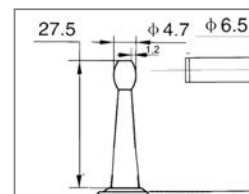
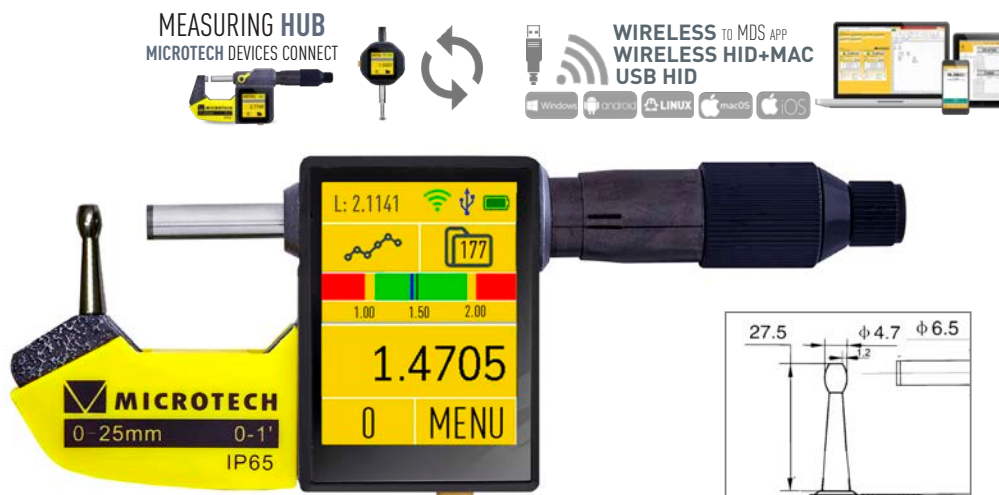
- Digital TUBE micrometers
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso- lution	Accu- racy	Anvils types	Proof
	mm	inch	mm	μm		
110350251	0-25	0-1"	0,001	±3	Tube D 4.7	IP-65
110350501	25-50	1-2"		±3		
110350751	50-75	2-3"		±3		
110351001	75-100	3-4"		±3		

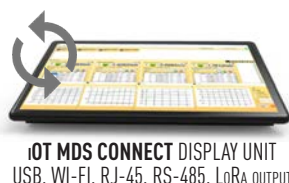
TUBE COMPUTERIZED MICROMETER

- 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- lution	Accu- racy	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																
110350258	0-25	0-1"	0,0001	±2	Tube D 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			•	•	•	•	•	•	•	•	•	•	•			

OPTIONAL ACCESSORIES

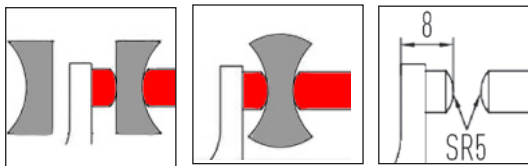


DOWNLOAD APP



MADE IN UKRAINE

- Digital DOUBLE SPHERICAL micrometers
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range		Resolution	Accuracy	Anvils types	Proof
	mm	inch	mm	μm		
110360251	0-25	0-1"	0,001	±3	Sphere R 5mm	IP-65
110360501	25-50	1-2"		±3		
110360751	50-75	2-3"		±3		
110361001	75-100	3-4"		±3		

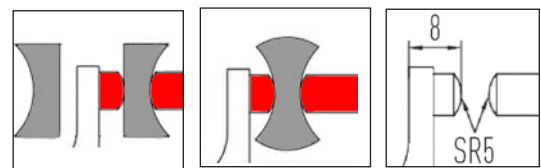
DOUBLE SPHERICAL COMPUTERIZED MICROMETER

- Computerized DOUBLE SPHERICAL 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))

MEASURING HUB
MICROTECH DEVICES CONNECT



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

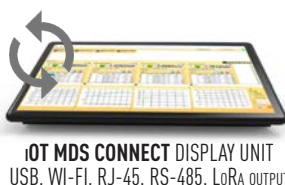


Item No	Range		Resolution	Accuracy	Anvils types	Proof	Preset	Analog scale	Graphic	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	μm																
110360258	0-25	0-1"	0,0001	±2	Sphere R 5mm	IP-65	•	•	•	•	•	•	•	•	•	•	•	2000 val	Long+ HID	USB HID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

DOWNLOAD APP



OPTIONAL ACCESSORIES



BLADE DIGITAL MICROMETER

MICROTECH

- Digital BLADE micrometers
- NON-rotating spindle with Disk anvils D 20
- Calibration certificate included (ISO17025 (Ilac MRA))

NON-ROTATING



Item No	Range		Reso- lution	Accu- racy	Anvils types	Proof
	mm	inch	mm	μm		
110660251	0-25	0-1"	0,001	± 4	6,5x0,75mm	IP-65
110660501	25-50	1-2"		± 4		
110660751	50-75	2-3"		± 5		
110661001	75-100	3-4"		± 5		

BLADE COMPUTERIZED MICROMETER

- Computerized BLADE 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))

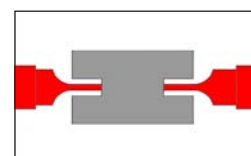
MEASURING HUB
MICROTECH DEVICES CONNECT



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

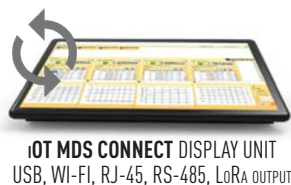


NON-ROTATING



Item No	Range		Reso- lution	Accu- racy	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																
110660258	0-25	0-1"	0,0001	± 3	6,5x 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			•	•	•	•	•	•	•	•	•	•	•			

OPTIONAL ACCESSORIES

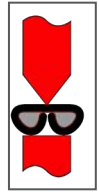


DOWNLOAD APP



MADE IN UKRAINE

- Digital CABLE CRIMPING micrometers
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range		Resolution	Accuracy	Anvils types	Proof
	mm	inch	mm	μm		
110550251	0-20	0-0.8"	0,001	±4	Point & Blade 0.75x6.5	IP-65

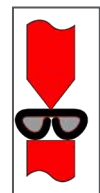
CABLE CRIMPING COMPUTERIZED MICROMETER

- Computerized CABLE CRIMPING 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))

MEASURING HUB
MICROTECH DEVICES CONNECT



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

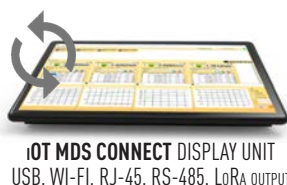


Item No	Range		Resolution	Accuracy	Anvils types	Proof	Preset	Analog scale	Graphic	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	μm																
110550258	0-20	0-0.8"	0,0001	±3	Point & Blade 0.75x6.5	IP-65	•	•	•	•	•	•	•	•	•	•	•	•	•	•

DOWNLOAD APP



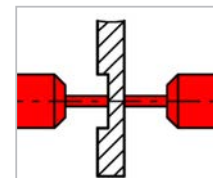
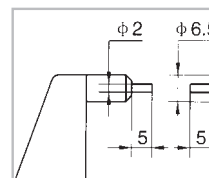
OPTIONAL ACCESSORIES



SMALL TIP DIGITAL MICROMETER

MICROTECH

- Digital SMALL TIP micrometers
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso- lution	Accu- racy	Anvils types	Proof
	mm	inch	mm	μm		
110650251	0-25	0-1"	0,001	±4	D 2mm	IP-65
110650501	25-50	1-2"		±4		
110650751	50-75	2-3"		±5		
110651001	75-100	3-4"		±5		

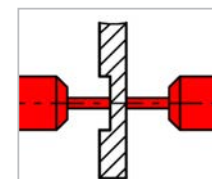
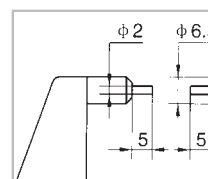
SMALL TIP COMPUTERIZED MICROMETER

- Computerized SMALL TIP 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))

MEASURING HUB
MICROTECH DEVICES CONNECT

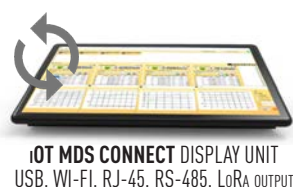


WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



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

OPTIONAL ACCESSORIES



DOWNLOAD APP



MADE IN UKRAINE

- Digital POINT micrometers
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso- lution	Accu- racy	Anvils types	Proof
	mm	inch	mm	μm		
110450251	0-25	0-1"	0,001	±4	Pointed	IP-65
110450501	25-50	1-2"		±4		
110450751	50-75	2-3"		±5		
110451001	75-100	3-4"		±5		

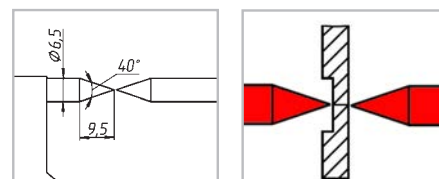
POINT COMPUTERIZED MICROMETER

- Computerized POINT 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))

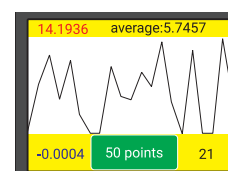
MEASURING HUB
MICROTECH DEVICES CONNECT



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



Item No	Range		Reso- lution	Accu- racy	Anvils 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	USB HID
110450508	25-50	1-2"		±3			•	•	•	•	•	•	•	•	•	•	•			
110450758	50-75	2-3"		±4			•	•	•	•	•	•	•	•	•	•	•			
110451008	75-100	3-4"		±4			•	•	•	•	•	•	•	•	•	•	•			

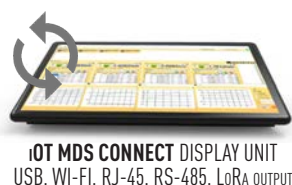


ON-LINE
GRAPHIC MODE

DOWNLOAD APP



OPTIONAL ACCESSORIES



DIGITAL MICROMETER HEAD

MICROTECH

- Digital IP65 electronics
- Rotating or **Non-rotating**
- Calibration** certificate included (ISO17025 (Ilac MRA))



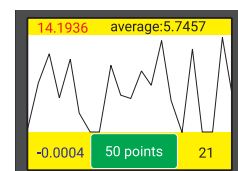
Item No	Range		Resol.	Accu-racy	NON-ROTATING
	mm	inch		μm	
110180020	0-25	0-1"	0.001	±2	•
110170020					
110181050	0-50	0-2"		±4	

COMPUTERIZED MICROMETER HEAD

- 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.
- Rotating or **Non-rotating**
- Calibration** certificate included (ISO17025 (Ilac MRA))

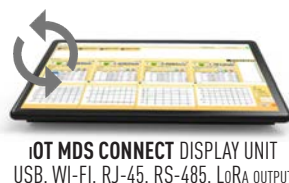


Item No	Range		Resol.	Accu-racy	NON-ROTATING	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch																		
110180029	0-25	0-1"	0,0001	±1.5	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long+ HID	USB HID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



ON-LINE
GRAPHIC MODE

OPTIONAL ACCESSORIES



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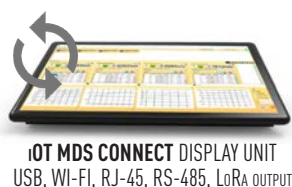
MADE IN UKRAINE

- **Industry 4.0** adopted sub-micron Computerized Snap gauge
- Anvils D 8 mm
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **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	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												
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			•	•	•	•	•	•	•	•	•			

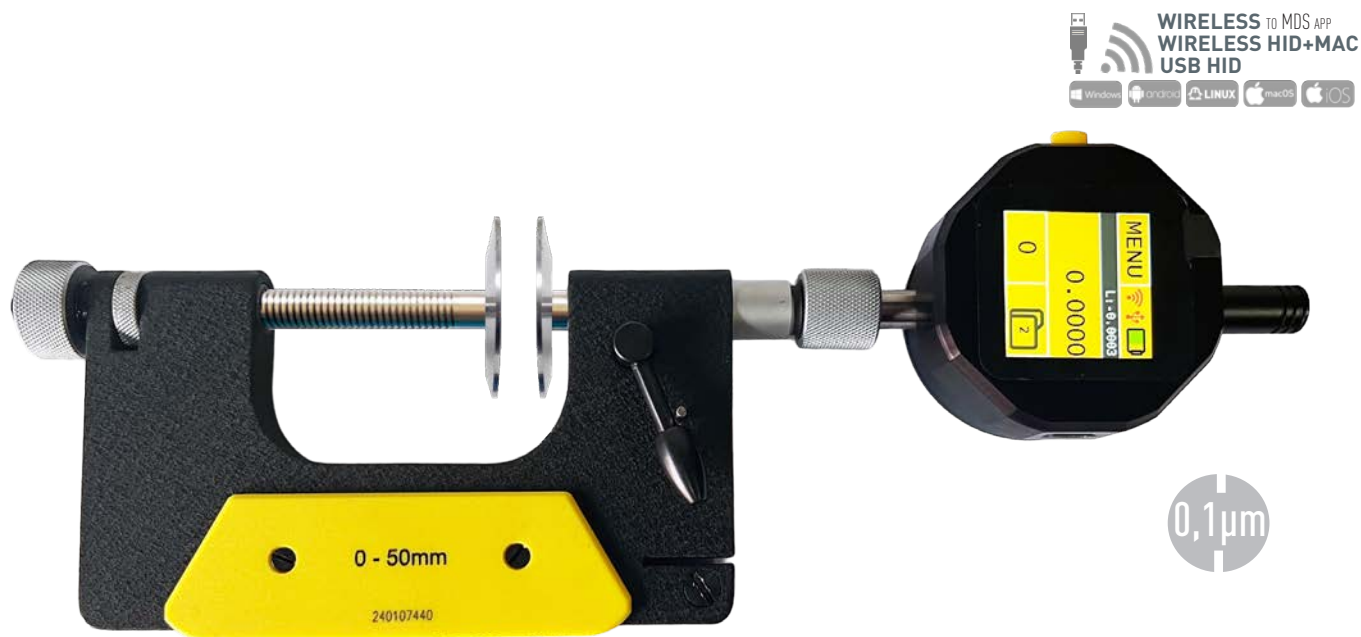
OPTIONAL ACCESSORIES



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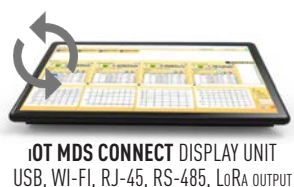
- Industry 4.0 adopted sub-micron Computerized Snap gauge
- Disk Anvils D 35 mm (other Diameter for request)
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data 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	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												
115050517	0-50	0-2"	0,0001	±4	32	D 35mm	3	•	•	•	•	•	•	•	•	•	•	•	•
115051017	50-100	2-4"		±4	62			•	•	•	•	•	•	•	•	•	•	•	•
115051517	100-150	4-6"		±6	85			•	•	•	•	•	•	•	•	•	•	•	•
115052017	150-200	6-8"		±7	110			•	•	•	•	•	•	•	•	•	•	•	•



OPTIONAL ACCESSORIES



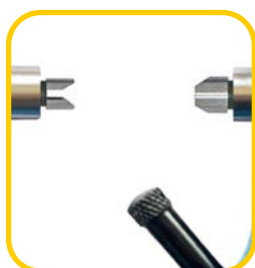
DOWNLOAD APP



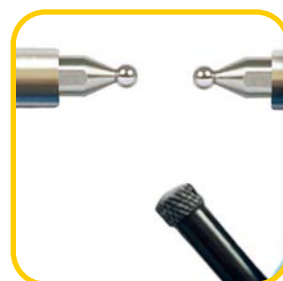
- Industry 4.0 adopted sub-micron Universal Computerized Snap gauge
- Interchangeable optional anvils
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **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))



ANVILS ARE OPTIONAL



THREAD ANVILS



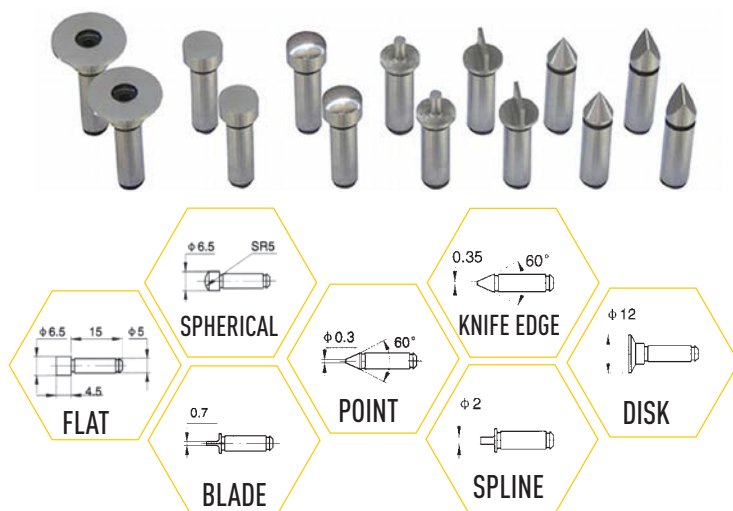
BALLS ANVILS

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		μm	mm		mm												
115050477	0-40	0-2"	0,0001	±3	32	OPTIONAL	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			•	•	•	•	•	•	•	•	•			

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UNIVERSAL ANVILS SET



Item No	ANVILS SET
110750100	7 PAIRS: FLAT, SPHERICAL, DISK, BLADE, POINT, SPLINE, KNIFE EDGE

BALL ANVILS



Item No	Ball dia mm	Module	Pitch
110740001	1	0,6-0,65	45
110740002	1,5	0,9-1,0	28-26
110740003	2	1,25	22
110740004	2,5	1,5	17
110740005	3	1,75	15
110740006	3,5	2	13
110740007	4	2,25	11
110740008	4,5	2,5	10
110740009	5	2,75	9
110740010	6	3,5	7
110740100	Ball anvils SET 10 pcs 1-6mm		

THREAD STANDARDS



DISK ANVILS

Item No	Disk D mm
110750020	20
110750025	25
110750030	30
110750035	35



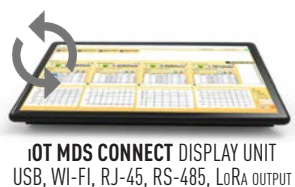
THREAD ANVILS SET



Item No	ANVILS SET
110710001	METRIC 60 0.4-7mm 6pcs
110720001	WHITWORTH 55 60-3.5 TPI 10pcs

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

OPTIONAL ACCESSORIES



DOWNLOAD APP



- Digital IP65 depth micrometer
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Resolution	Accuracy	Base	Proof
	mm	inch				
110900155	0-150	0-6"	0,001	±5	100	IP-65
110900205	0-200	0-8"		±6		
110900305	0-300	0-12"		±8		

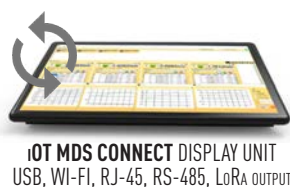
DEPTH COMPUTERIZED MICROMETER

- 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		Resolution	Accuracy	Base	Proof	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch																
110900158	0-150	0-6"	0,0001	±4	100	IP-65	•	•	•	•	•	•	•	•	•	2000 val	Long+ HID	USB HID
110900208	0-200	0-8"		±5			•	•	•	•	•	•	•	•	•	2000 val	Long+ HID	USB HID
110900308	0-300	0-12"		±6			•	•	•	•	•	•	•	•	•	2000 val	Long+ HID	USB HID

OPTIONAL ACCESSORIES



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INSIDE DIGITAL MICROMETER

MICROTECH 

- Digital IP65 inside micrometer
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range		Resolution	Accuracy	Anvils types	Setting ring	Proof
	mm	inch	mm	μm			
133800301	5-30	0.2-1.2"	0,001	±5	D 2mm	•	IP-65
133800501	25-50	1-2"		±5	R12mm	option	
133800751	50-75	2-3"		±6			
133801001	75-100	3-4"		±6			

INSIDE COMPUTERIZED MICROMETER

- 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))

MEASURING HUB
MICROTECH DEVICES CONNECT

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

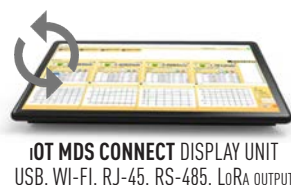
Windows Android LINUX macOS iOS

ON-LINE GRAPHIC MODE

0,1 μm

Item No	Range		Reso- lution	Accu- racy	Anvils types	Setting 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				•	•	•	•	•	•	•	•	•				

OPTIONAL ACCESSORIES



DOWNLOAD APP

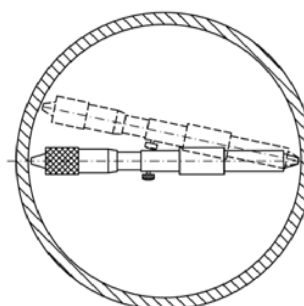


MADE IN UKRAINE

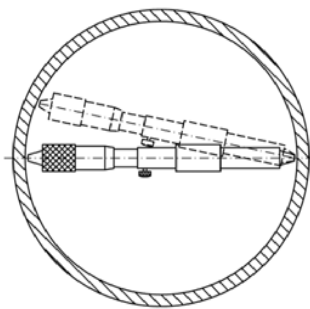
- Tubular Inside micrometers with range up to 6m
- Digital IP65 indication system
- Calibration certificate included (ISO17025 (Ilac MRA))



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	33	25, 50 (2pcs), 100 (2pcs), 200 (2pcs), 400 (8pcs)		•
133800502	125-5000	5-200"		±70		25, 50 (2pcs), 100 (2pcs), 200 (3pcs), 400 (10pcs)		•
133800602	125-6000	5-240"		±80		25, 50 (2pcs), 100 (2pcs), 200 (4pcs), 400 (12pcs)		•

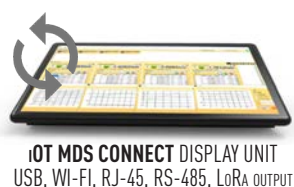


- Tubular Inside micrometers with range up to 6m
- Computerized **MICS** indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso- lution	Accu- racy	Tube 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 (2pcs), 200 (3pcs), 400 (10pcs)	IP65	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
133800150	125-1500	5-60"		±15		25, 50 (2pcs), 100 (2pcs), 200 (4pcs), 400 (12pcs)		•	•	•	•	•	•	•	•	•			
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)		•	•	•	•	•	•	•	•	•			
133800500	125-5000	5-200"		±50	33	25, 50 (2pcs), 100 (2pcs), 200 (3pcs), 400 (10pcs)		•	•	•	•	•	•	•	•	•			
133800600	125-6000	5-240"		±60		25, 50 (2pcs), 100 (2pcs), 200 (4pcs), 400 (12pcs)		•	•	•	•	•	•	•	•	•			

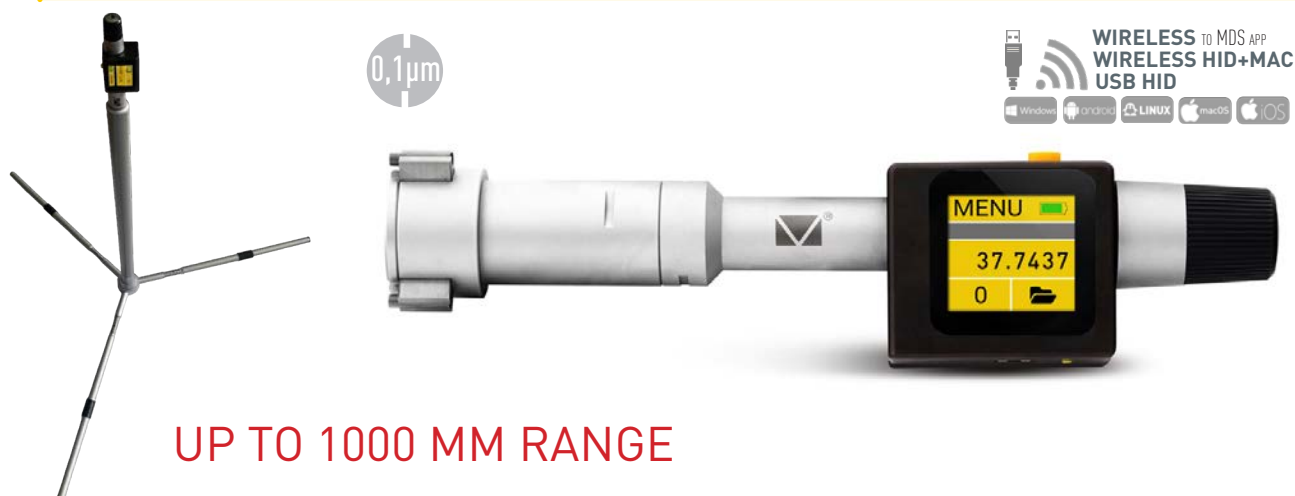
OPTIONAL ACCESSORIES



DOWNLOAD APP



- **Industry 4.0** adopted sub-micron 3-point internal micrometer 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
- **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	Accur.	Max depth	Setting ring	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch		μm	mm													
133700210	2-2,5	0.08-0.09"	0,0001	±3	12.5	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
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	•	•	•	•	•	•	•	•	•	•			
133700810	6-8	0.24-0.32"		±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	•	•	•	•	•	•	•	•	•	•			

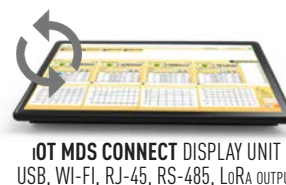
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Item No	Range	Measuring heads	Setting rings	Max depth
	mm			mm
133700203	2-3	2 pcs	1pcs	12,5
133370306	3-6	3 pcs	3pcs	22,5
133370612	6-12	3 pcs	3pcs	50+100
133371220	12-20	2pcs	1pcs	80+150
133372050	20-50	4pcs	2pcs	90+150
133375090	50-100	2pcs	1pcs	107+150
133579125	100-250	2pcs	1pcs	107+150

COMPUTERIZED 3 POINT INTERNAL MICROMETER SET

OPTIONAL ACCESSORIES



LONG COMPUTERIZED 3 POINT INTERNAL MICROMETER

MICROTECH 

- Industry 4.0 adopted Long range (up to 3m) 3-point internal micrometer 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))



Item No	Range		Reso- lution	Accur.	Max depth	Setting ring	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch																
133702511	20-25	0.8-1"	0,0001	±4	1000	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
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		•	•	•	•	•	•	•	•	•			



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LONG COMPUTERIZED 3 POINT INTERNAL MICROMETER SET

Item No	Range	Measuring heads	Setting rings	Max depth
	mm			mm
133372051	20-50	4pcs	2pcs	1000
133372052				2000
133375091				1000
133375092	50-100	2pcs	1pcs	2000
133375093				3000
133579126				1000
133579127	100-250	2pcs	1pcs	2000
133579128				3000



MADE IN UKRAINE

- Industry 4.0 adopted sub-micron Pistol grip bore gauge 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
- **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.	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	•	•	•	•	•	•	•	•	•			
13503010	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	•	•	•	•	•	•	•	•	•			

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COMPUTERIZED PISTOL GRIP BORE GAUGE SET's

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	
LONG PISTOL GRIP BORE GAUGE SET					
133572051	20-50	0.8-2"	4pcs	2pcs	1000
133573053	30-50	1.2-2"	4pcs	2pcs	3000
133575091	50-100	2-4"	4pcs	2pcs	1000
133575093			4pcs	2pcs	3000
133575095			4pcs	2pcs	5000
133579131	20-150	0.8-4"	10pcs	5pcs	1000
133579133	30-150	1.2-4"	8pcs	4pcs	3000
133579135			8pcs		5000

OPTIONAL ACCESSORIES



STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER



IOT MDS CONNECT DISPLAY UNIT
USB, WI-FI, RJ-45, RS-485, LoRa OUTPUT

LONG COMPUTERIZED PISTOL GRIP BORE GAUGE

MICROTECH

- **Industry 4.0** adopted Extra long Pistol grip bore gauge with computerized MICS system with 1,54" color Touchscreen
- Depth up to 5000mm
- **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))



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																
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	●	●	●	●	●	●	●	●	●			

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- Industry 4.0 adopted sub-micron Tablet indicator with computerized MICS system with 2.4" 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
- 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))

**ON-LINE
GRAPHIC MODE**

0,1µm

**WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID**

Windows Android LINUX macOS iOS

RANGE UP TO 150MM

**MEASURING HUB
MICROTECH DEVICES CONNECT**

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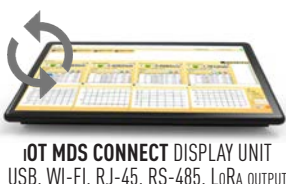
Item No	Range		Reso- lution	Accu- racy.	Hyste- resis	Force	2D connect	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB					
	mm	inch	mm	µm	µm	N																						
120139135	0-12,5	0-0,5"	0,0001	±3,0	0,5	0,6-1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val Long range / HID USB HID / Update	WIRELESS	USB					
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				±5,0			•	•	•	•	•	•	•	•	•	•	•	•	•	•				•	•			
120139508	0-50,8	0-2"		±3,0		1,2-2,2	•	•	•	•	•	•	•	•	•	•	•	•	•	•				•				
120139509				±2,0			•	•	•	•	•	•	•	•	•	•	•	•	•	•				•	•			
120139905	0-100	0-4"		±7,0		3,2-5.2	•	•	•	•	•	•	•	•	•	•	•	•	•	•				•				
120139907				±5,0			•	•	•	•	•	•	•	•	•	•	•	•	•	•				•	•			
120139908				±3,0			•	•	•	•	•	•	•	•	•	•	•	•	•	•				•	•			
120139503				±9,0			•	•	•	•	•	•	•	•	•	•	•	•	•	•				•	•			
120139505	0-150	0-6"		±7,0			•	•	•	•	•	•	•	•	•	•	•	•	•	•				•	•			
120139507				±5,0			•	•	•	•	•	•	•	•	•	•	•	•	•	•				•	•	•		

- Industry 4.0 adopted sub-micron 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)
- **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																				
120129133	0-13	0-0,5"	0,0001	±5	0,5	0,6-1	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update							
120129135				±3			•	•	•	•	•	•	•	•	•	•										
120129137				±2			•	•	•	•	•	•	•	•	•	•										
120129138				±1.6			•	•	•	•	•	•	•	•	•	•										
120129252	0-25,4	0-1"		±7		0.7-1.2	•	•	•	•	•	•	•	•	•	•				•	Folders / 2000 val	Long range / HID	USB HID / Update			
120129253				±5			•	•	•	•	•	•	•	•	•	•										
120129257				±3			•	•	•	•	•	•	•	•	•	•										
120129258				±2			•	•	•	•	•	•	•	•	•	•										
120129503	0-50,8	0-2"		±10		1,2-2,2	•	•	•	•	•	•	•	•	•	•				•				Folders / 2000 val	Long range / HID	USB HID / Update
120129504				±6			•	•	•	•	•	•	•	•	•	•										
120129507				±4			•	•	•	•	•	•	•	•	•	•										
120129508				±3			•	•	•	•	•	•	•	•	•	•										

OPTIONAL ACCESSORIES



DOWNLOAD APP



MODBUS PLC INDICATOR



MODBUS PLC CONNECTION



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



MEASURING HUB
MICROTECH DEVICES CONNECT

0,1µm

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	PLC
	mm	inch	mm	µm	µm	N																		
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	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
120139907M	0-100	0-4"		±5,0		1,2-2,2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
120139505M	0-150	0-6"		±8,0		3,2-5,2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

ROTATING TABLET INDICATOR



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



MEASURING HUB
MICROTECH DEVICES CONNECT

0,1µm

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"	0,0001	±2,0	0,5	0,6-1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
120139258R	0-25,4	0-1"		±2,0		0,7-1,2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
120139508R	0-50,8	0-2"		±3,0		1,2-2,2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

EXTERNAL PROBE INDICATOR

Item No	Range		Resol.	Accu- racy	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
	mm	inch	mm	µm	m																	
120129137L	0-12,5	0-0,5"	0,0001	±2	2 (option up to 10m)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
120129258L	0-25,4	0-1"		±2		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
120129508L	0-50,8	0-2"		±3		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
120129907L	0-100	0-4"		±5		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



MADE IN UKRAINE

SUB-MICRON COMPUTERIZED DIAL COMPARATOR

MICROTECH 

- Industry 4.0 adopted sub-micron Computerized 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))



0,1 μm

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	0.03	0,0001	±0.5	1.8-2.2	28	•	•	•	•	•	•	•	•	•	•	•	•

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DIAL COMPARATOR

Item No	Range	Resolution	Accuracy	Force	Stem D
	mm	mm	μm	N	mm
120120280	0.03	0,001	±0.3	1.8-2.2	28



MADE IN UKRAINE

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



RANGE UP TO 150mm

Item No	Range		Resolution		Accuracy	Force	Proof	mm/inch	Preset	ABS	USB DATA
	mm	inch	mm	inch	μm	N					
120125131	0-12,7	0-0,5"	0,01	0.0005"	±10	0.6-1	IP65	•	•	•	•
120125132					±6			•	•	•	•
120125133			0,001	0.00005"	±4			•	•	•	•
120125134					±3			•	•	•	•
120125135					±2			•	•	•	•
120125250	0-25,4	0-1"	0,01	0.0005"	±20	0.7-1.2		•	•	•	•
120125251					±10			•	•	•	•
120125252			0,001	0.00005"	±6			•	•	•	•
120125253					±4			•	•	•	•
120125500	0-50,8	0-2"	0,01	0.0005"	±20	1.2-2.2		•	•	•	•
120125502			0,001	0.00005"	±7			•	•	•	•
120125503					±5			•	•	•	•
120125901	0-100	0-4"	0,01	0.0005"	±20	3-5		•	•	•	•
120125902			0,001	0.00005"	±12			•	•	•	•
120125904					±8			•	•	•	•
120125951	0-150	0-6"	0,01	0.0005"	±30			•	•	•	•
120125952			0,001	0.00005"	±20			•	•	•	•
120125954					±10			•	•	•	•

OPTIONAL ACCESSORIES



120125000 USB HID DATA TRANSFER CABLE
DIRECT DATA TRANSFER, LIKE A KEYBOARD



STANDS

- Top quality 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			•	•		

OPTIONAL ACCESSORIES



STANDS

DIAL TEST INDICATOR

- 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



- Industry 4.0 adopted Display Unit with computerized MICS system with 3,5" color Touchscreen
- Up to 4 Probes connection or 4 WIRELESS 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))



Item No	INPUT CONNECTION			Data output			Memory	Display	Battery	Footswitch
	INDUCTIVE PROBES	CAPACITIVE PROBES	WIRELESS	MODBUS	WIRELESS	USB				
299999024	-	4	max 4	option	Wireless to MDS, Wireless HID Wireless HID+MAC	USB HID	Folders 2000 vol Statistics	2.4"	Recharge Li-Pol	option

CAPACITIVE LINEAR PROBES

Item No	Range		Resol.	Accu- racy	Hyste- resis	Force	Cable length	Clamping	Output socket		
	mm	inch	mm	µm	µm	N	m	mm			
120129137P	0-13	0-0.5"	0,0001	±2	0,5	0,6-1	2	Ø 8-h6	7 pin		
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	Optional 10				
120129507P	0-150	0-6"		±7							



INDUCTIVE LINEAR PROBES

INFORMATION FOR REQUEST

- Industry 4.0 adopted sub-micron Computerized test indicator with computerized MICS system color Touchscreen
- Patents UA126928, UA99686
- 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		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
	mm	inch	mm	μm	mm	N													
120129018	-0.8 +0.8	-0.03" +0.03"	0,0001	±5	12,8	0,1-0,18	•	•	•	•	•	•	•	•	•	•	•	•	•

SUB-MICRON COMPUTERIZED TEST INDICATOR EXTERNAL PROBE



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
	mm	inch	mm	μm	mm	N	m													
120129019L	-0.8	-0.03"	0,0001	±5	12,8	0,1-0,18	2	•	•	•	•	•	•	•	•	•	•	•	•	•
120129019L10	+0.8	+0.03"			12,8		10	•	•	•	•	•	•	•	•	•	•	•	•	•

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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

HYDRAULIC MAGNETIC STAND

- Aluminium arm
- Hydraulic stand
- High lock force holder

Item No	Magnetic force	Base	Length	Clamp hole D	Weight
	kgf	mm	mm	mm	kg
161110900	80	74x50x55	400	6/8	2



UNIVERSAL MAGNETIC STAND

- Magnetic Force up to 130kg
- Universal stand
- Customized modifications for requirement



Item No	Magnetic force	Base	Length	Clamp hole D	Weight
	kgf	mm	mm	mm	kg
161108800	80	50x60x55	380	8	1,4
161113800	130	50x120x55	380	8	3,5

HARDENED MAGNETIC STAND

MICROTECH

- Height of stand up to 1500mm
- Magnetic Force up to 520kg
- Customized modifications for request

Item No	Magnetic force	Base	Main stem	Assistant stem	Clamp hole D	Fine adjustment
	kgf	mm	mm	mm	mm	
161108000	80	50x60x55	170x12	150x10	6/8	•
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		•



FLEXIBLE MAGNETIC STAND

- Magnetic Force up to 130kg
- Flexible stand
- Customized modifications for requirement

Item No	Magnetic force	Base	Length	Clamp hole D	Weight
	kgf	mm	mm	mm	kg
161208010	80	50x60x55	320	6/8	1,4
161213010	130	50x120x55			3,5



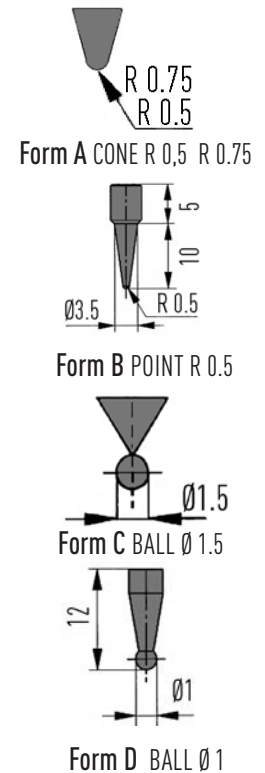
MICROMETER STAND

- 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



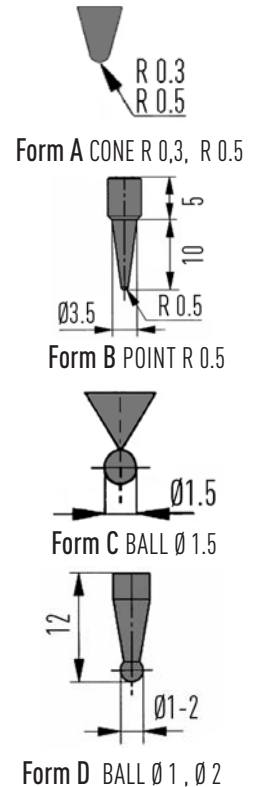
- Industry 4.0 adopted External caliper gauge with computerized MICS system with 1,54" color Touchscreen
- **MODIFICATIONS of contacts:** CONE (R0.5/R0.75), POINT (R0.5), BALL (Ø1)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection 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))



Item No	Range	Span	Depth	Groove depth	Measur contact	Contact points	Reso- lution	Repea- tability	Accu- 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															
EXTERNAL COMPUTERIZED CALIPER GAUGE CONE contact (Form A)																								
134201005	0-10	10	40	3	8	Cone R 0,5	0,0005	0,003	±10	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID		
134202005	0-20	20	80	6,5	25	Cone R 0,75	0,001	0,005	±15	•	•	•	•	•	•	•	•	•	•	•			USB HID / Update	
134204005	20-40	20	80	6,5	25			0,005	±15	•	•	•	•	•	•	•	•	•	•	•				
134206005	40-60	20	80	6,5	25			0,005	±15	•	•	•	•	•	•	•	•	•	•	•				
EXTERNAL COMPUTERIZED CALIPER GAUGE POINT contact (Form B)																								
134202025	0-20	20	80	6,5	25	Point R 0.5	0,001	0,005	±20	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID		
134204025	20-40	20	80	6,5	25			0,005	±20	•	•	•	•	•	•	•	•	•	•	•				
134206025	40-60	20	80	6,5	25			0,005	±25	•	•	•	•	•	•	•	•	•	•	•				
EXTERNAL COMPUTERIZED CALIPER GAUGE BALL contact (Form C)																								
134202035	0-20	80	6,5	25	3,5	Ball Ø 1.5	0,001	0,005	±15	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID		
EXTERNAL COMPUTERIZED CALIPER GAUGE BALL contact (Form D)																								
134202045	0-20	20	80	6,5	25	Ball Ø 1	0,001	0,005	±20	•	•	•	•	•	•	•	•	•	•	•			USB HID / Update	
134204045	20-40	20	80	6,5	25			0,005	±20	•	•	•	•	•	•	•	•	•	•	•				
134206045	40-60	20	80	6,5	25			0,005	±25	•	•	•	•	•	•	•	•	•	•	•				
134208045	60-80	20	80	6,5	25			0,005	±30	•	•	•	•	•	•	•	•	•	•	•				
134210045	80-100	20	80	6,5	25			0,005	±30	•	•	•	•	•	•	•	•	•	•	•	•			
134205545	0-50	50	160	6,5	25	Ball Ø 2		0,01	±40	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID		
EXTERNAL COMPUTERIZED CALIPER GAUGE INTERCHANGEABLE BALL contact (Form D)																								
134206075	0-60	20	80	6,5	variable	Ball Ø 1	0,001	0,01	±30	•	•	•	•	•	•	•	•	•	•	•			USB HID / Update	
134210075	40-100	20	80	6,5	variable			0,03	±40	•	•	•	•	•	•	•	•	•	•	•				•

Folders / 2000 val
Long range / HID
USB HID / Update

- Industry 4.0 adopted Internal caliper gauge with computerized MICS system with 1,54" color Touchscreen
- MODIFICATIONS of contacts: CONE (R0.3/R0.5), POINT (R0.5), BALL (Ø1, Ø1.5, Ø2)
- 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))



Item No	Range	Span	Depth	Groove depth	Measur contact	Contact points	Reso- lution	Repea- tability	Accu- 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													
INTERNAL COMPUTERIZED CALIPER GAUGE CONE contact (Form A)																						
134102505	5-25	20	35	1	1,5	Cone R 0,3	0,001	0,005	±15	•	•	•	•	•	•	•	•	•	•	•	•	
134104005	20-40	20	80	3	6,5	Cone R 0,5		0,005	±15	•	•	•	•	•	•	•	•	•	•	•	•	
134106005	40-60	20	80	3	8,5	0,005		±15	•	•	•	•	•	•	•	•	•	•	•	•	•	
INTERNAL COMPUTERIZED CALIPER GAUGE POINT contact (Form B)																						
134105025	30-50	20	80	3.5	12	Point R 0.5	0,001	0,01	±20	•	•	•	•	•	•	•	•	•	•	•	•	
134107025	50-70	20	80	3.5	12			0,01	±20	•	•	•	•	•	•	•	•	•	•	•	•	
134109025	70-90	20	80	3.5	22			0,01	±25	•	•	•	•	•	•	•	•	•	•	•	•	
INTERNAL COMPUTERIZED CALIPER GAUGE BALL contact (Form C)																						
134103035	10-30	20	55	2	3,5	Ball Ø 1.5	0,001	0,005	±15	•	•	•	•	•	•	•	•	•	•	•	•	
134105035	30-50	20	80	3	8,5			0,005	±15	•	•	•	•	•	•	•	•	•	•	•	•	
INTERNAL COMPUTERIZED CALIPER GAUGE BALL contact (Form D)																						
134104545	25-45	20	80	3.5	15	Ball Ø 1	0,001	0,005	±20	•	•	•	•	•	•	•	•	•	•	•	•	
134106545	45-65	20	80	3.5	15			0,005	±20	•	•	•	•	•	•	•	•	•	•	•	•	
134108545	65-85	20	80	3.5	25	Ball Ø 2		0,01	±25	•	•	•	•	•	•	•	•	•	•	•		
134110045	50-100	50	180	3.5	15			0,02	±40	•	•	•	•	•	•	•	•	•	•	•		
134115045	100-150	50	180	3.5	15			0,02	±50	•	•	•	•	•	•	•	•	•	•	•		
134120045	150-200	50	180	3.5	15			0,03	±50	•	•	•	•	•	•	•	•	•	•	•		
INTERNAL COMPUTERIZED CALIPER GAUGE INTERCHANGEABLE BALL contact (Form D)																						
134110575	45-105	20	80	3.5	variable	Ball Ø 1	0,001	0,01	±30	•	•	•	•	•	•	•	•	•	•	•	•	
134120075	100-220	50	180	3.5	variable	Ball Ø 2		0,03	±60	•	•	•	•	•	•	•	•	•	•	•		

- FILM Thickness gauge
- Dial, Digital or Computerized electronics
- 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))

FILM THICKNESS GAUGES



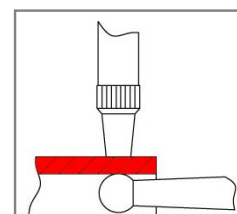
Item No	Range	Depth	Roll width	Resolution	Accuracy	Indicator	Data output
	mm	mm	mm	mm	μm		
137010105	0-10	100	7	0,01	±20	Dial	-
137010106				0,001	±12	Digital	
137010108				0,0001	±10	Computerized	

WALL THICKNESS GAUGES

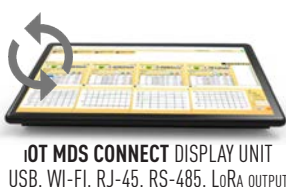
- WALL Thickness gauge
- Contact point 6mm
- Dial, Digital or Computerized electronics
- MODIFICATION with **WIRELESS** data transfer **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range	Resolution	Accuracy	Contact point	Indicator	Data output
	mm	mm	μm	mm		
137011100	0-10	0,01	±20	D 6	Dial	-
137011106		0,001	±12		Digital	
137011107		0,0001	±10		Computerized	



OPTIONAL ACCESSORIES



IoT MDS CONNECT DISPLAY UNIT
USB, WI-FI, RJ-45, RS-485, LoRa OUTPUT

DOWNLOAD APP



MADE IN UKRAINE

CONSTANT PRESSURE THICKNESS GAUGES

MICROTECH

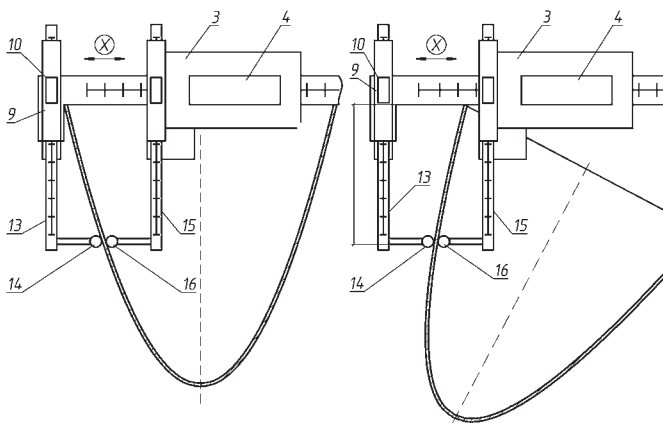
- CONSTANT pressure Thickness gauge
- Dial, Digital or Computerized electronics
- MODIFICATION with **WIRELESS** data transfer **3 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range	Resolution	Accuracy	Force	Display	Data output
	mm	mm	μm	mPA		
137320101	0-1	0,001	±5	0.1	Dial	-
137320105	0-5		±5		Digital	
137320108		0.0001	±3		Computerized	



2D THICKNESS GAUGE

- 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		Display	2D connect	Probe connect	On-line Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Connect. status	Recharge batt	Memory	Wireless	USB	Color Display
	X	Z	Z	X	Z	X																			
	mm	mm	mm	mm	μm	μm																			
149020307	0-300	0-150	0,001	0.005	±30	±30	Digital	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
149020507	0-500				±50	±30		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

MADE IN UKRAINE

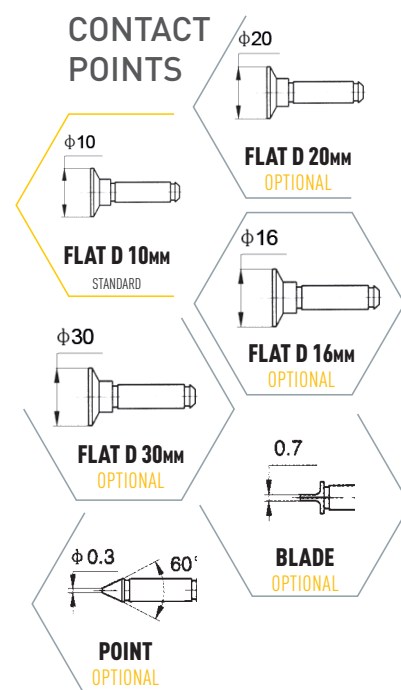
- Dial thickness gauge with range up to 100mm and depth up to 800mm
- Optional contact point or gauge configuration for request
- **Calibration** certificate included (ISO17025 (Ilac MRA))



CUSTOM RANGE AND DEPTH FOR REQUEST



Item No	Range	Reso- lution	Accuracy	Depth	Contact points D	
					Standard	Optional
	mm	mm	μm	mm	mm	mm
137001021	0-1	0.001	±5	25	6,35	Flat d 12, 16, 20, 25, 30, 35, 40 Point D 0.3 Blade 0.7
137010121	0-10	0.01	±30	120	10	
137020121	0-20		±40	120		
137025201	0-25		±40	200		
137025401			±50	400		
137050201	0-50		±50	200		
137050301			±60	300		
137050401			±70	400		
137050601			±80	600		
137050801			±90	800		
137100201	0-100		±50	200		
137100401			±70	400		
137100601			±80	600		
137100801			±100	800		



- Digital thickness gauge with range up to 300mm and depth up to 800mm
- 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 DEPTH FOR REQUEST



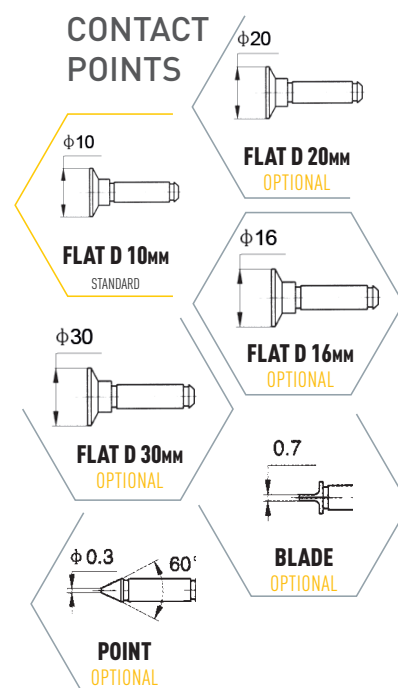
Item No	Range	Reso- lution	Accuracy	Depth	Contact points D	
					Standard	Optional
	mm	mm	μm	mm	mm	mm
137001028	0-1	0.001	±3	25	6,35	Flat d 12, 16, 20, 25, 30, 35, 40 Point D 0.3 Blade 0.7
137010128	0-10		±12	120	10	
137020128	0-20		±15	120		
137025208	0-25		±18	200		
137025408			±25	400		
137050208	0-50		±20	200		
137050308			±25	300		
137050408			±30	400		
137050608			±35	600		
137050808	0-100		±40	800		
137100208			±20	200		
137100408			±30	400		
137100608			±40	600		
137100808			±55	800		
137150408	0-150		±55	400		
137150808			±80	800		
137300408	150-300		±70	400		
137300808			±95	800		

OPTIONAL ACCESSORIES



120125000 USB HID DATA TRANSFER CABLE
DIRECT DATA TRANSFER, LIKE A KEYBOARD

CONTACT POINTS



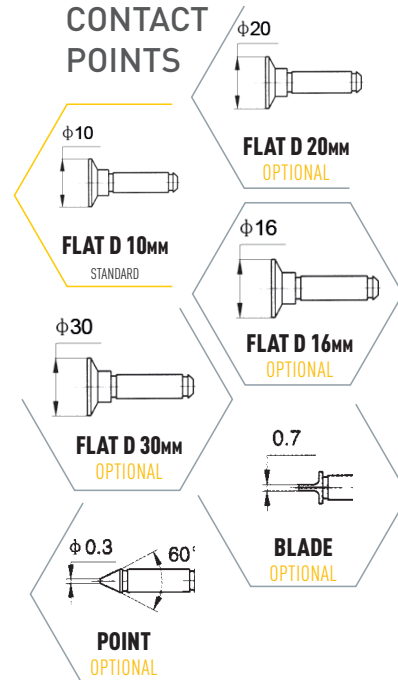
- **Industry 4.0** adopted sub-micron Computerized thickness gauge with range up to 300mm and depth up to 800mm
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 2000 values, Folders system, Statistics 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
- **Calibration** certificate included (ISO17025 (Ilac MRA))



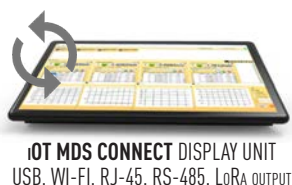
CUSTOM RANGE AND DEPTH FOR REQUEST

Item No	Range	Reso- lution	Accu- racy	Depth	Contact points D		Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	IISR	
					Standard	Optional														
	mm	mm	µm	mm	mm	mm														
137001027	0-1	0.0001	±3	25	6,35	Flat d 12, 16, 20, 25, 30, 35, 40 Point D 0.3 Blade 0.7	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	
137010127	0-10		±8	120	•		•	•	•	•	•	•	•	•	•	•	•			•
137020127	0-20		±12	120	•		•	•	•	•	•	•	•	•	•	•	•			•
137025207	0-25		±15	200	•		•	•	•	•	•	•	•	•	•	•	•			•
137025407			±20	400	•		•	•	•	•	•	•	•	•	•	•	•			•
137050207	0-50		±18	200	•		•	•	•	•	•	•	•	•	•	•	•			•
137050307			±20	300	•		•	•	•	•	•	•	•	•	•	•	•			•
137050407			±22	400	•		•	•	•	•	•	•	•	•	•	•	•			•
137050607			±30	600	•		•	•	•	•	•	•	•	•	•	•	•			•
137050807	0-100		±35	800	•		•	•	•	•	•	•	•	•	•	•	•			•
137100207			±15	200	•		•	•	•	•	•	•	•	•	•	•	•			•
137100407			±24	400	•		•	•	•	•	•	•	•	•	•	•	•			•
137100607			±32	600	•		•	•	•	•	•	•	•	•	•	•	•			•
137100807	0-150		±44	800	•		•	•	•	•	•	•	•	•	•	•	•			•
137150407			±50	400	•		•	•	•	•	•	•	•	•	•	•	•			•
137150807			±70	800	•		•	•	•	•	•	•	•	•	•	•	•			•
137300407	150-300		±60	400	•		•	•	•	•	•	•	•	•	•	•	•			•
137300807			±85	800	•		•	•	•	•	•	•	•	•	•	•	•			•

CONTACT POINTS



OPTIONAL ACCESSORIES



DOWNLOAD APP



- 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 ²	N	kPA
137331201	ASTM D1777-1	woven 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	knitted fabrics				0,015	D38	D9,5	0,7085	1,66±0,05	23,4±0,7
137331203	ASTM D1777-3	coated fabrics, narrow fabrics, webbing tapes, ribbons braids				0,002/0,012	D19	D6,3	0,3117	5,36±0,42	172±14
137331204	ASTM 3767-03-B	films, glass cloths, glass tapes.				0,007	40x30	40x30	12	8±2	6,7
137331205	ASTM D3767-A1	rubber 30-100mm				0,01/ 1%	R12,5	R12,5 D10		0,8±0,1	
137331206	DIN 53370-F	rubber				2% / 0,12	D10	D10	0,785	3,93	50
137331207	DIN 53370-P	plastic films				0,01-0,015	D10	R30 D5		0,5	
137331208	DIN EN 1849-2	foil				0,01	D10	D10	0,785	1,57	20±10
137331209	ISO 3034	waterproofing sheet				0,02	D35,7	D35,7	10	20±0,5	20±0,5
137331210	ISO 4593-R	flexible sheets				0,001 / 0,002/	D10	R30/D5		0,5	
137331211	ISO 4593-P	corrugated fiberboard				0,003/ 0,012	D10	D10	0,785	1	12,74
137331212	ISO 23529-A	plastic, film and sheeting				1%	D100	D10	0,785	0,8±0,16	10±2
137331213	ASTM D3767-03-A	rubber & elastomer				0,01		D10	0,785	1,76±0,35	22±5
	ISO 23529-A	<35IRHD									
	ASTM D3767-03-A	rubber & elastomer									
		>35IRHD									

OPTIONAL ACCESSORIES



120125000 USB HID DATA TRANSFER CABLE
DIRECT DATA TRANSFER, LIKE A KEYBOARD

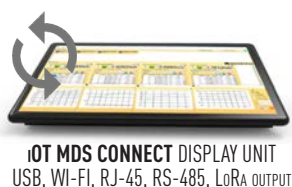
- **Industry 4.0** adopted sub-micron Computerized thickness gauge for soft materials
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **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))



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 ²	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±0,2	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

OPTIONAL ACCESSORIES



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WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



0,1 μm



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



Item No	Standard	Material	Range	Resol.	Accuracy	Base	Measuring surface		Force		Timer auto
			mm	mm	mm	mm	mm	cm ²	N	kPa	sec.
137331251	ASTM D1777-1 ASTM D1777-5	woven fabrics knitted fabrics	0-25	0,0001	0,015	D58	D28,7±0,02	6,47	2,68±0,13 0,45±0,05	4,14 0,7	
137331252	ASTM D1777-2	coated fabrics, narrow fabrics, webbing tapes, 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 tapes.	0-25		0,002-0,01	D58	D6,3	0,312	5,36±0,42	172±14	
137331254	ASTM D1777-4	glass fiber mat	0-25		0,02	150x100	D57,15±0,02	25,65	48,48±1,8	18,9±0,7	
137331255	ASTM D3767-03-A1	rubber	0-25		1% 0,01	R1 D58	R12,5 D10		0,8±0,1	1%	
137331256	ASTM D3767-03-A ISO 23529-A	rubber & elastomer <35IRHD	0-25		0,01 / 1%	300x200	D10	0,785	0,8±0,16 1,76±0,35	10±2 22±4,4	
137331257	ASTM D5199-01-A	geotextiles, geonets, geocomposite drainage materials	0-25		0,012	150x100	D56,4	25	5±0,05	2±0,02	5
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 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	
137331263	DIN 53855-1	compression of textile	0-50		0,01-0,02	300x200	D35,69 D56,34	10 25	0,49 / 2,45 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 50±0,4 500±4	2±0,02 20±0,2 200±2	30
137331265	ISO 534	paper, cardboard	0-25		0,5% / 0,0025/ 0,015	D58	D16	2	20±2	100±10	
137331266	ISO 2286-3	rubber, plastic coated fabrics	0-25		0,01	150x100	D10	0,785	0,393±0,039 0,785±0,079 1,88±0,19	5±0,5 10±1 24±2,4	30
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		
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 1,25	0,1 0,5	10
137331274	ISO 9073-2	textiles for bulky nonwovens > 20mm	0-150		0,05	400x250	200x200	400	0,8±0,02	0,02	10
137331275	ISO 9863-1-D	polymeric and bituminous geosynthetic of non-inform thickness	0-25		0,003-0,01	R 1 D58	R 1		0,6±0,1		5
137331276	ISO 9863-1-ABC	polymeric and bituminous geosynthetic barriers	0-25		0,01-0,015	150x100	D56,4	25	5±0,05 50±0,5 500±5	2±0,02 20±0,2 200±2	5

- Dial bore gauges with Carbide contacts with depth up to 2m
- Micron Digital indicator IP65 proof with PRESET function
- Custom range and depth for request
- **Calibration** certificate included (ISO17025 (Ilac MRA))



UP TO
2000MM
DEPTH

CUSTOM RANGE AND DEPTH FOR REQUEST

Item No	Range	Depth	Resolution	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	130-1500	440		±25
BORE GAUGES SETS				
132160105	18-160		0.01	±15
132450105	18-450			±22
132990105	6-1000			±30

DIGITAL BORE GAUGES WITH CARBIDE CONTACTS

- Digital bore gauges with Carbide contacts with depth up to 2m
- Micron Digital indicator IP65 proof with PRESET function
- Custom range and depth for request
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range	Depth	Resolu- 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		±5	●	●
132250822		1000		±5	●	●
132250844		2000		±5	●	●
132450800	250-450	260		±8	●	●
132450822		1000		±8	●	●
132450844		2000		±8	●	●
132900800	400-1000	440		±12	●	●
132900822		1000		±12	●	●
132900844		2000		±12	●	●
132951800	130-1500	440		±8	●	●
BORE GAUGES SETS						
132160805	18-160		0.001	±3	●	●
132450805	18-450			±8	●	●
132990805	6-1000			±12	●	●

CUSTOM RANGE AND DEPTH FOR REQUEST

OPTIONAL ACCESSORIES



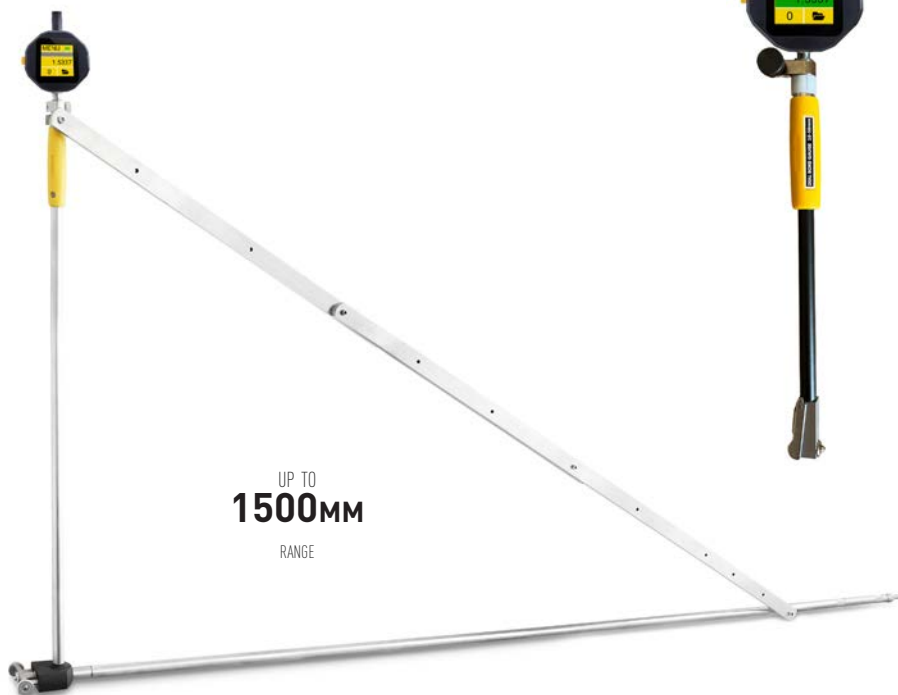
120125000 USB HID DATA TRANSFER CABLE
DIRECT DATA TRANSFER, LIKE A KEYBOARD



UNIVERSAL CALIBRATION STANDS

- Two-point dial bore gauges with range up to 1500mm and depth up to 2 m
- Carbide tipped measuring pins
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Iac MRA))

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



CUSTOM RANGE AND DEPTH FOR REQUEST

Item No	Range	Depth	Resolu- tion	Accu- 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	130-1500	440		±8	•	•	•	•	•	•	•	•	•	•	•					
BORE GAUGES SETS																				
132160705	18-160		0.0001	±3	•	•	•	•	•	•	•	•	•	•	•	•	•			
132450705	18-450			±8	•	•	•	•	•	•	•	•	•	•	•	•	•			
132990705	6-1000			±12	•	•	•	•	•	•	•	•	•	•	•	•	•			

OPTIONAL ACCESSORIES



STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER



IOT MDS CONNECT DISPLAY UNIT
USB, WI-FI, RJ-45, RS-485, LoRA OUTPUT



CAMERA SYSTEM

DOWNLOAD APP



- Two-point Big depth 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
- **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))



MODULAR CONSTRUCTION

MODIFICATION WITH
SUPPORT SET AND
RETRACTABLE HEAD

CUSTOM RANGE AND DEPTH FOR REQUEST

Item No	Range	Reso- lution	Depth	Modules		Accuracy (Horizontal)	Supports set with rolls	Retractable head	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	CAMERA						
				length	qty																		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			1700	3	±28	•			•	•	•	•	•	•	•	•	•											
131260770	105-260		7000	1750	4	±31	•	•	•	•	•	•	•	•	•	•	•	•										
131260795			10000	2000	5	±35	•	•	•	•	•	•	•	•	•	•	•	•										
131450745	250-450		3000	1500	2	±17	option	option	•	•	•	•	•	•	•	•	•	•					•					
131450755			5000	1700	3	±20			•	•	•	•	•	•	•	•	•	•					•	•				
131450750				1700	3	±30			•	•	•	•	•	•	•	•	•	•					•	•				
131450770			7000	1750	4	±33			•	•	•	•	•	•	•	•	•	•					•	•				
131450795			10000	2000	5	±37			•	•	•	•	•	•	•	•	•	•					•	•				
131900745	400-1000		3000	1500	2	±25	option	option	•	•	•	•	•	•	•	•	•	•					•	Folders / 2000 val	Long range / HID	USB HID / Update firmware	optional	
131900755			5000	1700	3	±30			•	•	•	•	•	•	•	•	•	•					•					•
131990750				1700	3	±35			•	•	•	•	•	•	•	•	•	•					•					•
131990770			7000	1750	4	±40			•	•	•	•	•	•	•	•	•	•					•					•
131990795			10000	2000	5	±45			•	•	•	•	•	•	•	•	•	•					•					•

OPTIONAL ACCESSORIES



ACCESSORIES FOR DATA TRANSFER



CAMERA SYSTEM



RETRACTABLE HEAD

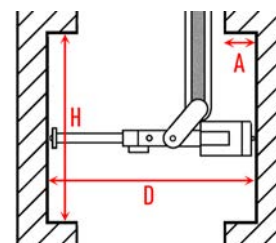
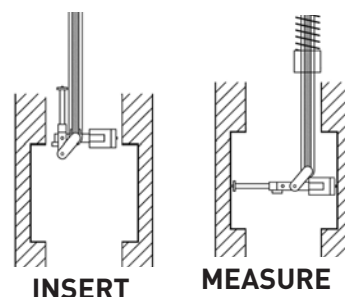


SUPPORTS WITH ROLLS

DOWNLOAD APP



- **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 or Computerized **MICS** indication system Modification with **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))



CUSTOM RANGE AND DEPTH FOR REQUEST

Item No*	Range D	Resolution	Max 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

OPTIONAL ACCESSORIES

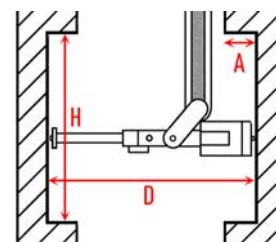
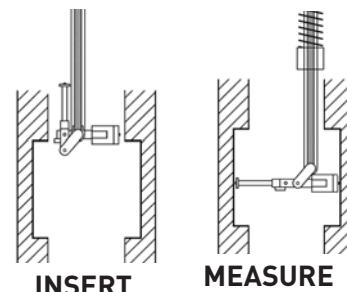


120125000 USB HID DATA TRANSFER CABLE
DIRECT DATA TRANSFER, LIKE A KEYBOARD

- 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))



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



CUSTOM RANGE AND DEPTH FOR REQUEST

Item No*	Range D	Reso- lution	Max A	Min H	MaxH	COMPUTERIZED														
						Accur.	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	
	mm	mm	mm	mm	mm	μm														
139160700	70-160	0,0001	20	D-30	150	±12	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID		
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	•	•	•	•	•	•	•	•	•	•		USB HID / Update firmware		
139780700	480-780				400	±25	•	•	•	•	•	•	•	•	•	•				
139910700	720-1020				400	±30	•	•	•	•	•	•	•	•	•	•				

OPTIONAL ACCESSORIES



ACCESSORIES FOR DATA TRANSFER



IoT MDS CONNECT DISPLAY UNIT
USB, WI-FI, RJ-45, RS-485, LoRa OUTPUT

DOWNLOAD APP



MADE IN UKRAINE

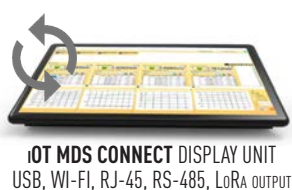
- Two-point Shotgun bore gauges for different calibers with depth 760mm
- Carbide tipped measuring pins
- Computerized **MICS** indication system
- **4 MODES DATA TRANSFER:** **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**, **USB HID**
- **Calibration** 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 Long range / HID 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	•	•	•	•	•	•	•	•	•			



OPTIONAL ACCESSORIES



DOWNLOAD APP

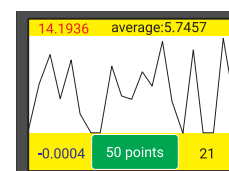


- Two-point Big barrel bore gauges for different calibers with depth up to 3m
- Carbide tipped measuring pins
- Can be supplied with Lunets set
- Computerized **MICS** indication system
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



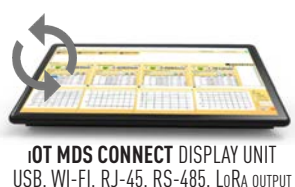
LUNETS SET

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					•	•	•	•	•	•	•	•	•	•		
138012007	120	119,3-120,7		2000	3	200	•	•	•	•	•	•	•	•	•	•		
138012207	122.4	122-123,6		3000	4		•	•	•	•	•	•	•	•	•	•		



ON-LINE
GRAPHIC MODE

OPTIONAL ACCESSORIES



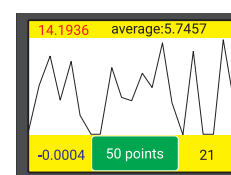
DOWNLOAD APP



- Three-point Big barrel Pistol-grip bore gauges
- 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))

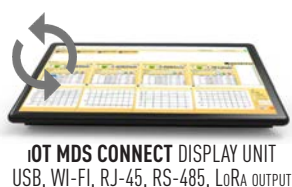


Item No	Range		Resolution	Max Depth	Lunet set	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	Caliber	mm															
138206017	60	59-61	0,0001	1000	option	•	•	•	•	•	•	•	•	•	•	•	•
138206217	62	61-63		1000		•	•	•	•	•	•	•	•	•	•	•	•
138208017	80	79-81		1500	1	•	•	•	•	•	•	•	•	•	•	•	•
138208217	82	81-83		1500		•	•	•	•	•	•	•	•	•	•	•	•
138212027	120	119-121		2000		•	•	•	•	•	•	•	•	•	•	•	•



**ON-LINE
GRAPHIC MODE**

OPTIONAL ACCESSORIES



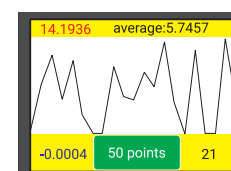
DOWNLOAD APP



- Three-point Gun barrel Pistol-grip bore gauges
- 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 (Iac MRA))

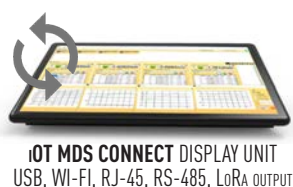


Item No	Range		Reso- lution	Max Depth	Lunet set	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	ISR
	Caliber	mm															
138112027	120	118.5-121.5	0,0001	2000	1	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	ISR HID
138112237	122	120.5-123.5		3000	2	•	•	•	•	•	•	•	•	•			
138112437	124	122.5-125.5		3000	2	•	•	•	•	•	•	•	•	•			
138112537	125	123.5-126.5		3000	2	•	•	•	•	•	•	•	•	•			
138112567				6000	4	•	•	•	•	•	•	•	•	•			
138115237	152	150.5-153.5		3000	2	•	•	•	•	•	•	•	•	•			
138115267				6000	4	•	•	•	•	•	•	•	•	•			
138115537	155	153.5-156.5		3000	2	•	•	•	•	•	•	•	•	•			
138115567				6000	4	•	•	•	•	•	•	•	•	•			



ON-LINE
GRAPHIC MODE

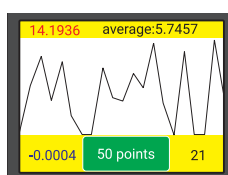
OPTIONAL ACCESSORIES



DOWNLOAD APP



- Radius gauges for **External & Internal** measurements with range up to **15m**
- **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))

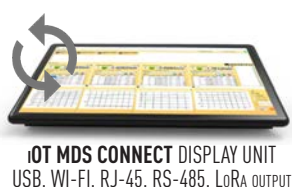


**ON-LINE
GRAPHIC MODE**



Item No	Radius		Type	Resol.	Accu- racy	Base	Indica- tor range	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	
	Range																		
	mm	inch																	
1250511017	5-60	0,2-1,2"	internal & external	1	0,4-1	10	13	•	•	•	•	•	•	•	•	•	•	•	
1250511007	40-1200	2-48"				40		•	•	•	•	•	•	•	•	•	•	•	•
1250511117	250-7500	10-300"				200	50	•	•	•	•	•	•	•	•	•	•	•	•
1250511127	500-15000	20-600"				300		•	•	•	•	•	•	•	•	•	•	•	•

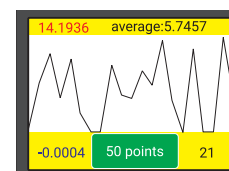
OPTIONAL ACCESSORIES



DOWNLOAD APP



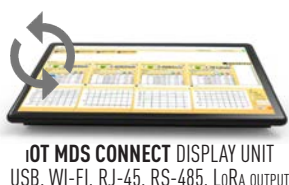
- Radius gauges SET for **External & Internal** measurements
- Including Interchangeable bases set
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, **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))



**ON-LINE
GRAPHIC MODE**

Item No	Radius		Type	Resol.	Accu- racy	Base	Indica- tor range	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Memory	WIRELESS	USB	
	Range																				
	mm	inch		μm	%	mm	mm														
1250512007	5-2000	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		●	●	●	●	●	●	●	●	●	●	●	●	●	●

OPTIONAL ACCESSORIES



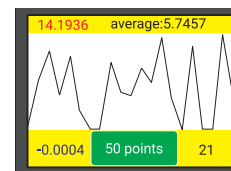
DOWNLOAD APP



- 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))



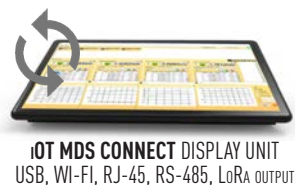
MEASURING HUB
MICROTECH DEVICES CONNECT



ON-LINE
GRAPHIC MODE

Item No	Radius		Type	Resol.	Accu- racy	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Memory	WIRELESS	IISR
	Range																			
	mm	inch																		
1250711206	320-1250	13-30"	sphere	1 μm	1 %	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL ACCESSORIES



DOWNLOAD APP



- **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))

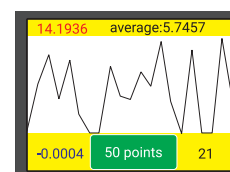


PAT.UA132139
PAT.UA10184772



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

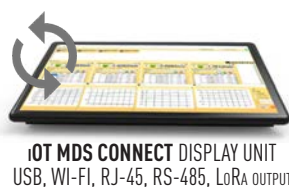
MEASURING HUB
MICROTECH DEVICES CONNECT



ON-LINE
GRAPHIC MODE

Item No	Radius		Type	Reso- lution	Base 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 / HID	USB HID / Update	
1250531156	100-11200	4-450"			1200		•	•	•	•	•	•	•	•	•	•	•	•	•				•
1250533356	200-32200	8-1290"			2000		•	•	•	•	•	•	•	•	•	•	•	•	•				•

OPTIONAL ACCESSORIES



DOWNLOAD APP



- 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			
151136051	0-360°	1/6' (10")	0.005°	-	±4'	•		150, 300



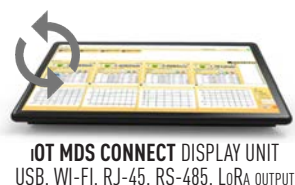
COMPUTERIZED PROTRACTOR

- Computerized Protractor 0-360° with **MICS** indication system and fine adjustment
- Bases 150 and 300mm
- **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	Resolution				Accuracy	Fine adj.	Base	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
		grad	sec of arc	grad	rad															
151136055	0-360°	1/12' (5")	0.005°	0.0001	±3'	•		150, 300	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL ACCESSORIES



DOWNLOAD APP



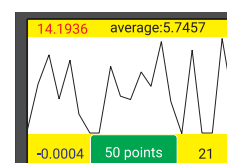
- Industry 4.0 adopted precision level with computerized MICS system with 2,4" color Touchscreen
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph
- Memory manager: 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
- Calibration certificate included (ISO17025 (Ilac MRA))



MEASURING HUB
MICROTECH DEVICES CONNECT



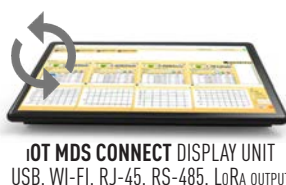
WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



ON-LINE
GRAPHIC MODE

Item No	Axis	Base		Range		Resolution		Flatness	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							•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

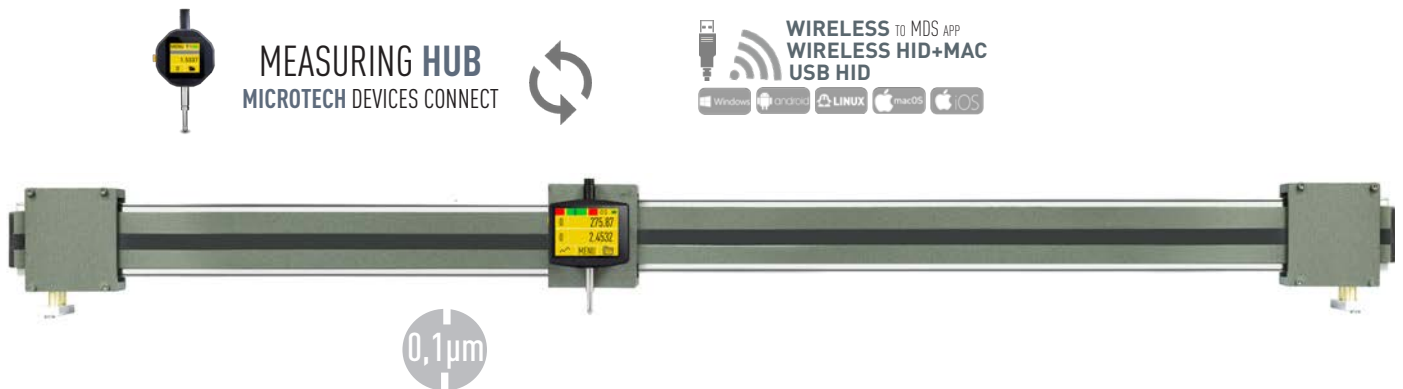
OPTIONAL ACCESSORIES



DOWNLOAD APP



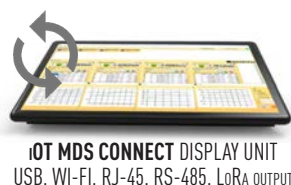
- 2D Macro-Profile computerized stand
- CONTACT (sub-micron indicator)
- Different ranges and modifications for customers request
- Computerized **MICS** indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))



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	X	Z													
		mm	mm	mm	mm	mm	mm													
27720902	1D	0-900	0-12					7.0	•	•	•	•	•	•	•	•	•			
27720900	2D			0,01		±0,030		7.2	•	•	•	•	•	•	•	•	•			
27721802	1D	0-1800	0-12					11.5	•	•	•	•	•	•	•	•	•			
27721800	2D			0,01		±0,060		11.7	•	•	•	•	•	•	•	•	•			
27722802	1D	0-2800	0-25					20.5	•	•	•	•	•	•	•	•	•			
27722800	2D			0,01		±0,100		20.7	•	•	•	•	•	•	•	•	•			
27723802	1D	0-3800	0-50					24.5	•	•	•	•	•	•	•	•	•			
27723800	2D			0,01		±0,160		25	•	•	•	•	•	•	•	•	•			

OPTIONAL ACCESSORIES



DOWNLOAD APP



2D LASER MACRO-PROFILE COMPUTERIZED STAND

MICROTECH 

- 2D Macro-Profile computerized stand
- NON-CONTACT (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))



MEASURING HUB
MICROTECH DEVICES CONNECT



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



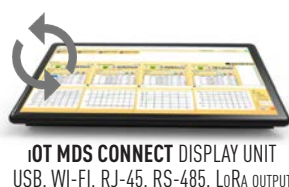
CUSTOM RANGE FOR REQUEST



NON CONTACT Z-AXIS **RED LASER**

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	kg												
27720907	2D	0-900	0-8	0,01	0.002	±0,030		7.0	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
27720908	2D		0-40		0,01			7.2	•	•	•	•	•	•	•	•	•			
27721807	2D	0-1800	0-8		0.002	±0,060		11.5	•	•	•	•	•	•	•	•	•			
27721808	2D		0-40		0,01			11.7	•	•	•	•	•	•	•	•	•			
27722807	2D	0-2800	0-8		0.002	±0,100		20.5	•	•	•	•	•	•	•	•	•			
27722808	2D		0-40		0,01			20.7	•	•	•	•	•	•	•	•	•			
27723807	2D	0-3800	0-8		0.002	±0,160		24.5	•	•	•	•	•	•	•	•	•			
27723808	2D		0-40		0,01			25	•	•	•	•	•	•	•	•	•			

OPTIONAL ACCESSORIES

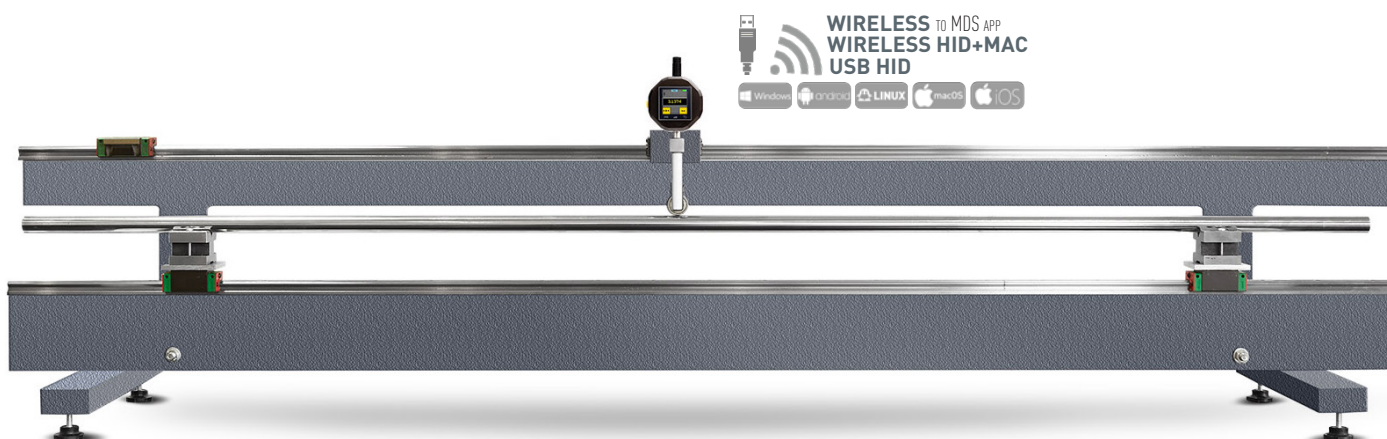


DOWNLOAD APP



MADE IN UKRAINE

- 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))



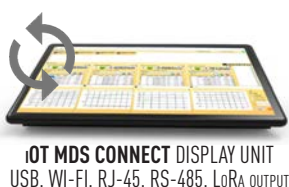
CUSTOM RANGE FOR REQUEST



PAT.UA521681
PAT.UA140992

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	•	•	•	•	•	•	•	•	•	•	•	•
27521800		0-1800			±0,080	±0,002	15	•	•	•	•	•	•	•	•	•	•	•	•
27522800		0-2800			±0,120	±0,002	35	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL ACCESSORIES



DOWNLOAD APP



MADE IN UKRAINE

- 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))



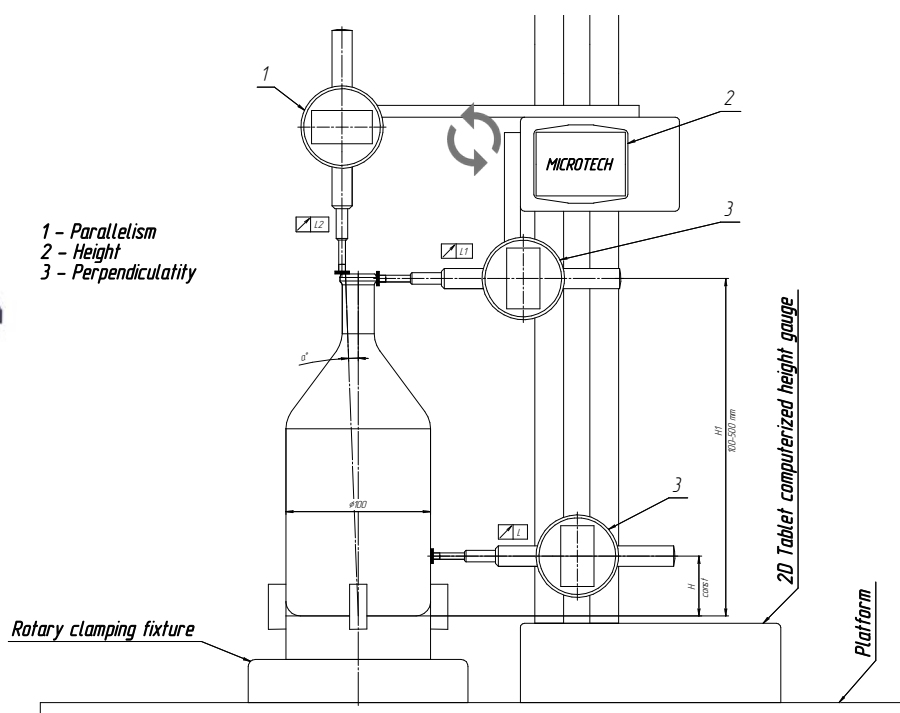
WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

Windows Android LINUX macOS iOS

0,1 μm

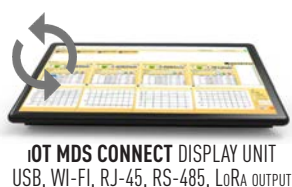
CUSTOM RANGE FOR REQUEST

1 - Parallelism
2 - Height
3 - Perpendicularity



Item No	Range	Max bottle height	Resolution	Accuracy	Rotary fixture	Quick clamp	Parallelism	Perpendicularity	Height	Measuring & protocol	Data output
254910000	20-100	310	0,0001	±0,040	•	•	•	•			WIRELESS +USB
254920000	50-200	500		±0,025	•	•	•	•	•	auto/ 1 install	

OPTIONAL ACCESSORIES



DOWNLOAD APP



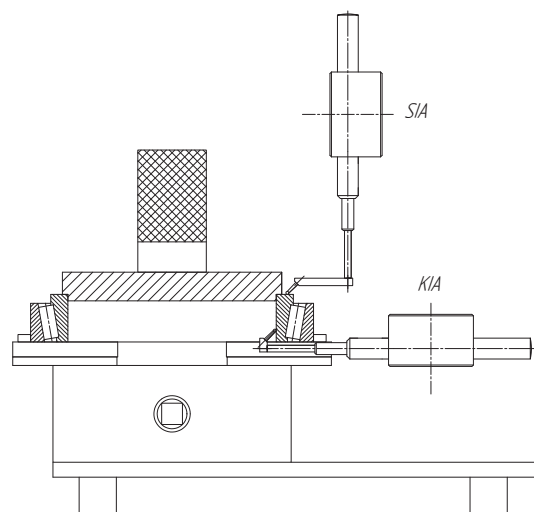
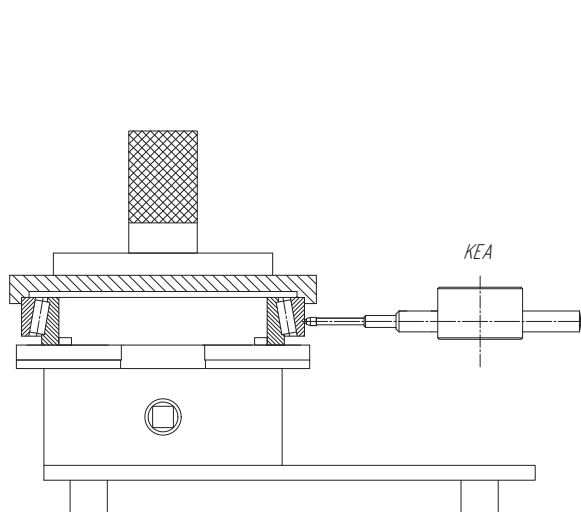
MADE IN UKRAINE

- 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			0,001	0,005	10-40N	12-40N	•											•
255500007	20-200	10-140	0,0001		22pcs	23pcs	•	•	•	•	•	•	•	•	•	•	•	•

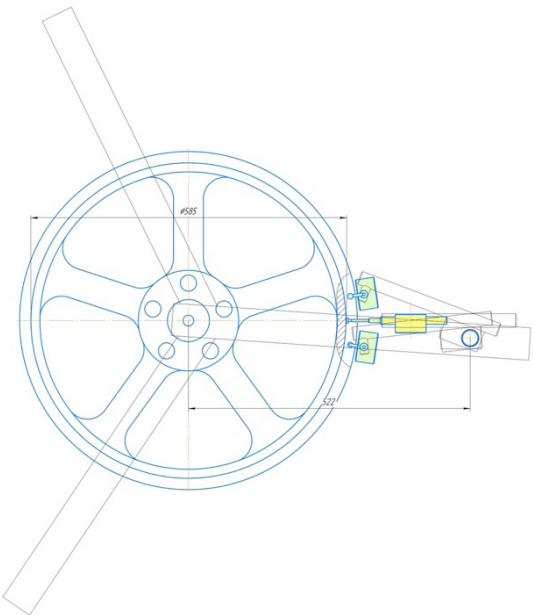
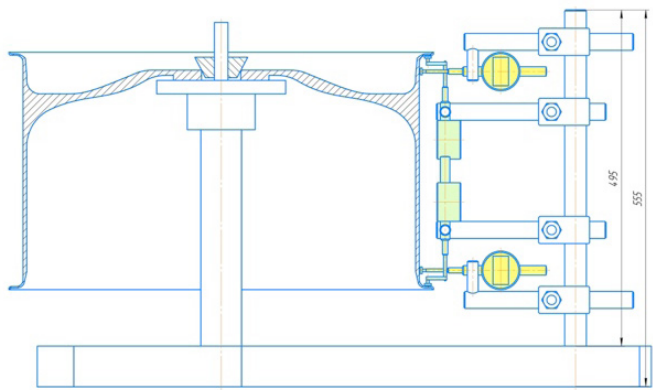


- Wheel rims runout measuring stand for wheels diamter 15-24"
- Completing with 4pcs indicators (Computeized or Digital)
- Digital or Computerized **MICS** indication system Modification with **Long range Wireless**, **Wireless HID** or **USB HID** data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))

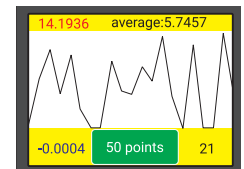


CUSTOM RANGE FOR REQUEST

Item No	Disk D	Height rims	Resolution	Accuracy	Quick clamp	Indication		Go/ NoGo	Max/ Min	Memory	Data output
	inch	mm	mm	mm		type	qty				
255913241	15-24	20-35	0,001	±0,100	•	Digital	4pcs		•		
255913247			0,0001	±0,050	•	Computerized	4pcs	•	•	•	WIRELESS +USB



- Calibration stands for ruler 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))



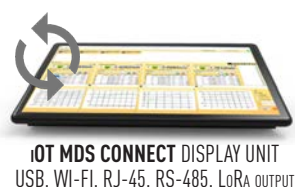
**ON-LINE
GRAPHIC MODE**

CUSTOM RANGE FOR REQUEST



Item No	Range		Reso- lution	Accu- racy	Micro- scope	Mag- netic fixator	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch																
258010003	0-1000	0-40"	0,01	±0,010+L/65	LED 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		+	•	•	•	•	•	•	•	•	•			

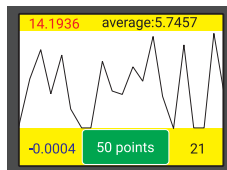
OPTIONAL ACCESSORIES



DOWNLOAD APP



- 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))



ON-LINE
GRAPHIC MODE

CUSTOM RANGE FOR REQUEST

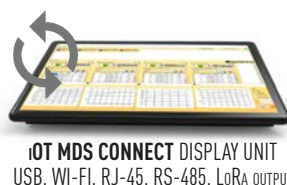


Item No	Range		Resolution	Accuracy	Micro-scope	Mag-netic fixator	Force gauge	Tape drum	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch																		
258010005	0-1000	0-40"	0,01	±0,010+L/65	LED 7 inch	+	Digital 50N	+	•	•	•	•	•	•	•	•	•	Folders / 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		+		+	•	•	•	•	•	•	•	•	•			

OPTIONAL ACCESSORIES



ACCESSORIES FOR DATA TRANSFER



iOT MDS CONNECT DISPLAY UNIT
USB, Wi-Fi, RJ-45, RS-485, LoRa OUTPUT



iOT DATA BUTTON

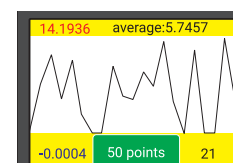
DOWNLOAD APP



- Manual Horizontal calibration stands for dial and digital indicators with 0.01mm resolution
- **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))

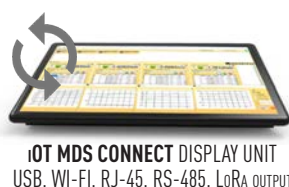


Item No	Calibrated devices	Range		Resol	Micrometer head		Non-Rotating	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
		mm	inch		Range	Accur.														
25111026	indicators	0-25	0-1"		25	±2														
25111027	0.01mm			0.0001																
25111051	resolution	0-50	0-2"		50	±3														



**ON-LINE
GRAPHIC MODE**

OPTIONAL ACCESSORIES



DOWNLOAD APP



- Manual Vertical calibration stands for dial, digital and lever indicators with 0.01mm resolution
- **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))

INSTALLATION MICROMETER HEAD IN 2 POSITIONS

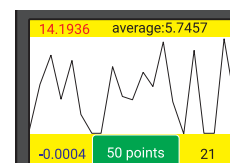


FOR DIAL & DIGITAL INDICATORS
0.01mm RESOLUTION
RANGE UP TO 50mm



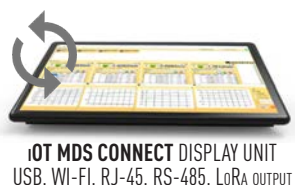
ACCORDING DIN 2270 FOR
LEVER INDICATORS

Item No	Range		Resol	Micrometer head		Non-Rotating	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
				Range	Accur.														
	mm	inch	mm	mm	μm														
25113025	0-25	0-1"	0,0001	25	±2														
25113027					±2														
25113050	0-50	0-2"		50	±2														



ON-LINE
GRAPHIC MODE

OPTIONAL ACCESSORIES



DOWNLOAD APP



MADE IN UKRAINE

- Manual Universal calibration stands for dial, digital indicators with 0.01mm resolution and bore gauges
- **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))



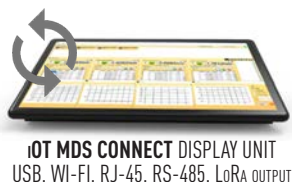
WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

Windows Android LINUX macOS iOS

0,1μm

Item No	Calibrated devices	Range		Resol	Micrometer head		Non-Rotating	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
		mm	inch		Range	Accur.														
25111300	Indicators & Bore gauges	0-300	0-12"	0,0001	25	±2														
25111500		0-500	0-20"																	
25111900		0-1000	0-40"																	

OPTIONAL ACCESSORIES



DOWNLOAD APP



SHORE DUROMETER

MICROTECH

- Tablet SHORE durometer for different scales (A, C, D, F, 00)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear 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))



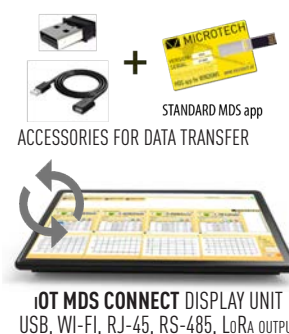
Item No	Shore Scale	Range	Resol	Indenter			Force	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
				Diameter	Indenting foot	Extension														
		unit	unit	mm		mm	N													
21100101	A	0-100	0,01	1,40	35° truncated cone D=0,79mm	2,54	8,05	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
21100102	C				30° cone R=0,1mm		44,45	•	•	•	•	•	•	•	•	•	•			
21100103	D							•	•	•	•	•	•	•	•	•	•			
21100104	00			2,40	1.20 mm spherical R		1,111	•	•	•	•	•	•	•	•	•				
21100105	F							0.55-4.3	•	•	•	•	•	•	•	•	•			

MULTISCALE SHORE DUROMETER



Item No	Shore Scale	Indenters pcs
21100110	A,C	2
21100111	A,D	2
21100120	A,C,D	3
21100100	A,C,D,00	4
21100130	A,C,D,00, F	5

OPTIONAL ACCESSORIES



INTERCHANGEABLE INDENTERS

MADE IN UKRAINE

- Budget portable multiscale (HV, HB, HRA, HRB, HRC, HSD, MPA) hardness tester
- Calibration certificate included (ISO17025 (Ilac MRA))



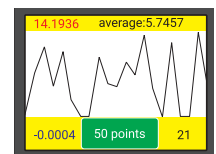
UNIVERSAL PORTABLE HARDNESS TESTER TPU-1

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
Complectation	Digital display, Impact D, Calibration block, USB cable, Calibration certificate

- Industry 4.0 adopted FORCE GAUGE with computerized MICS system with 2,4" color Touchscreen
- Modification with INTERNAL & EXTERNAL force sensors (up to 1000KN)
- 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))



WIRELESS READING
SCALES CONNECTION



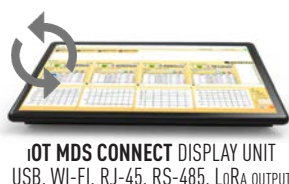
ON-LINE
GRAPHIC MODE

Item No	Range			Reso- lution	Accu- racy	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	Display
	N	kg	lbF																
225170017	1-10	0,1-1	0,2-2	0,001	0.3	•	•	•	•	•	•	•	•	•	•	Folders / 2000	Long range	USB HID /	Touchscreen
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			•	•	•	•	•	•	•	•	•	•				

DOWNLOAD APP

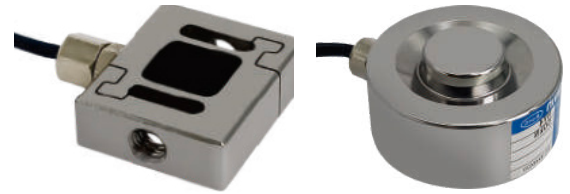


OPTIONAL ACCESSORIES





WIRELESS READING
SCALES CONNECTION



OPTIONAL EXTERNAL FORCE SENSORS

Item No	Accu- racy	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
225170707	0.3	•	•	•	•	•	•	•	•	•	•	•	•	•

FORCE SENSORS S-TYPE PUSH-PULL

Item No		Type	Force			Linea- rity	Hyste- resis	Repea- tability	Dimen- sion	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					2xM4
225110006			500	50	112					
225110007			1000	100	225					
225110008			5000	500	1120	0,03	0,03	0,03	50x76	2xM12
225110009			10000	1000	2250					
225110010			50000	5000	11200				76x108	
225110011			100000	10000	22500				130x178	



FORCE SENSORS ROUND-TYPE PUSH-PULL

Item No	Type	Force			Linea- rity	Hyste- resis	Repea- tability	Diameter	
		N	kg	lbF				Base	Load
225120001	FOPP	100	10	22,5	0,1	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					



FORCE SENSORS ROUND-TYPE PUSH

Item No	Type	Force			Linea- rity	Hyste- resis	Repea- tability	Diameter	
		N	kg	lbF				Base	Load
225130001	FOP	1000	100	225	0,2	0,1	0,1	50	13 16 21
225130002		5000	500	1120					
225130003		10000	1000	2250					
225130004		50000	5000	11200					
225130005		100000	10000	22500					

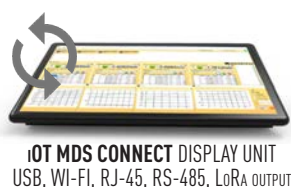


- Industry 4.0 adopted Manual FORCE tester with computerized MICS system with 2,4" color Touchscreen
- **Computerized FORCE tester included**
- Optional READING SCALE
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction
- Measuring HUB: Wireless MICROTECH instrument 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- lution	Range	Scale	Weight	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USR			
	N	LbF																		N	mm	kg
278170056	500	112	0,001	180	option	25	•	•	•	•	•	•	•	•	•	•	•	•	•			
278170106	1000	225					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
278170107							•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL ACCESSORIES



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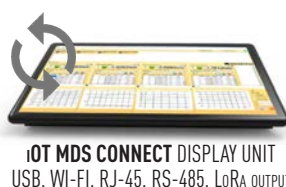


- Industry 4.0 adopted Motorized FORCE tester with computerized MICS system with 2,4" color Touchscreen
- **Computerized FORCE tester included**
- Optional READING SCALE
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction
- Measuring HUB: Wireless MICROTECH 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- lution	Range	Scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	N	lbF	N	mm														
278170058	500	112	0,001	200	option	•	•	•	•	•	•	•	•	•	•	•	•	•
278170108	1000	225		700		•	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL ACCESSORIES



DOWNLOAD APP



- Industry 4.0 adopted Manual Hydraulic FORCE tester with computerized MICS system with 2,4" color Touchscreen
- **Computerized 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))



CUSTOM RANGE FOR REQUEST

Item No	Load		Resolution	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
235152007	5000	1125	1	120	option	80	•	•	•	•	•	•	•	•	•	•	•	•	•	
235152017	10000	2250				105	•	•	•	•	•	•	•	•	•	•	•	•	•	•
235152057	50000	11250		140		195	•	•	•	•	•	•	•	•	•	•	•	•	•	•
235152107	100000	22500				280	•	•	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL ACCESSORIES



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