

MANUFACTURING RESEARCH&DEVELOPING

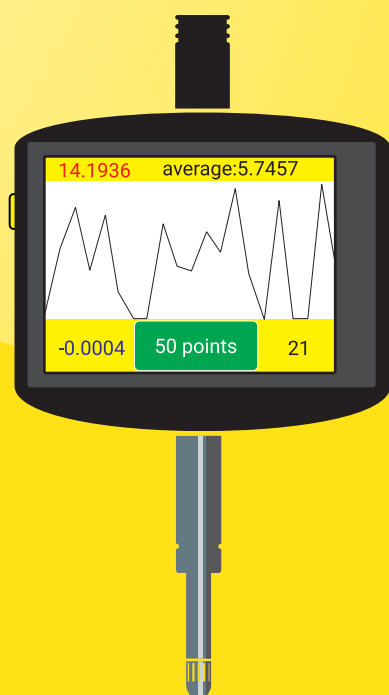
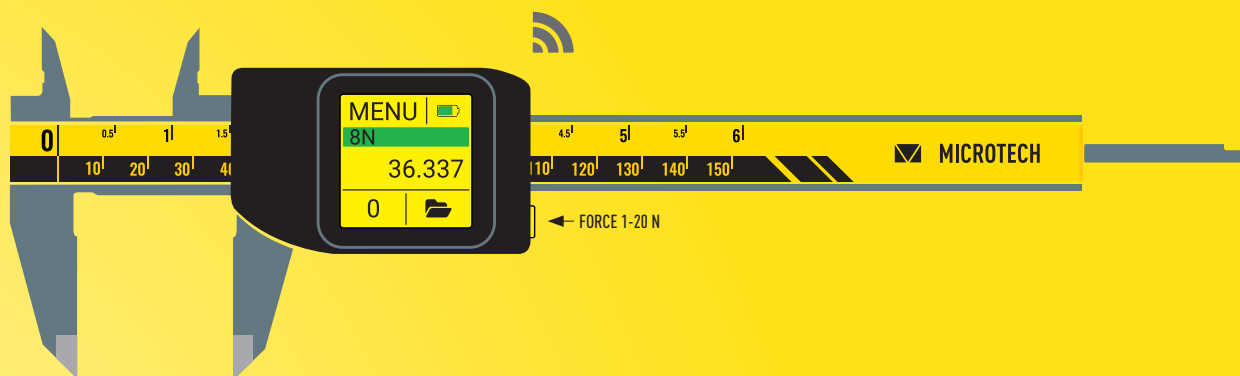
CATALOGUE **64** 2024



MICROTECH

est. 1995

U K R A I N E



ONLY INNOVATIVE MEASURING INSTRUMENTS

1995



**MICROTECH
FOUNDED**



**METROLOGICAL
LABORATORY
FOUNDED
2003**

2004



**MANUFACTURING
DEPARTMENT**

2008



**NEW MICROTECH
FACTORY**



**WIRELESS DATA
TRANSFER
SOLUTION**

2010

2012



**BIG DEPTH
BORE GAUGE**



**FORCE
CALIPER**

2014

2015



**MODULAR
MICROMETER**



**2015
TABLET 4.0
COMPUTERIZED
CALIPER**



**SUB-MICRO-
COMPUTERIZED
MICROMETER**

2018

2023



**INTELLIGENT
E-INK CALIPER**



**MOTORIZED
GAUGES**

2024

**INDUSTRY 4.0
INSTRUMENTS**



ISO9001:2015

**40+
DISTRIBUTORS
WORLDWIDE**

**CE, ROHS
CERTIFICATION**

WHAT IS MICROTECH

**110+
PATENTS
DEVELOPED**



ISO17025:2017



4

DATA TRANSMISSION & SOFTWARE



37

2D HEIGHT GAUGES



61

INTERNAL MICROMETERS



71

THICKNESS GAUGES



83

RADIUS GAUGES



86

CALIBRATION EQUIPMENT



8

CALIPERS



42

MICROMETERS



64

INDICATORS



78

BORE GAUGES



84

LEVELS & PROTRACTORS



90

FORCE GAUGES

	MDS for iOS	MDS for Android
	FREE	FREE
	299100060	299100040
Platform	iOS, MacOS	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

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		



Item No	Type
299100550	MDS 5.0 STANDARD app for Windows
299100570	MDS 5.0 PRO app for Windows
299190001	USB-Dongle for Windows
299190004	1m Cable extension for USB-Dongle
299190005	1m USB hub (4-ports) for USB-Dongles
299190000	USB-Footswitch for Windows
299190009	Wireless / USB-Footswitch for Windows



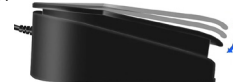
299100550



299190004



299190001



299190005

CONNECTION SET

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	Windows	4	4	12



SET for 10 instruments Wireless connection

IOT MDS CONNECT DISPLAY UNIT

MICROTECH



max 4 instruments WIRELESS



299999008



HID



MODBUS PLC CONNECTION

INPUT-OUTPUT



SAVING DATA
TO XLS, CSV
FORMATS



SAVING
GRAPH



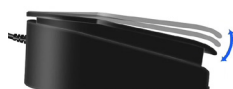
RJ-45



WIRELESS
WIRELESS HID
USB HID

299999001

IOT MDS PRO



IOT MDS CONNECT DISPLAY UNITS				
Type		COMPACT	IP67	PRO
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)*
	WIRELESS & USB HID	•		
DATA OUTPUT & EXPORT	MODBUS	option		
	WI-FI		•	•
	USB port	1	2+1	4
	RJ-45		•	•
	RS-232		1	3
	RS-485			1
	Cardreader		•	•
FUNCTIONS	HDMI		•	•
	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		•	•
ACCESORIES	App's installation		•	•
	Multilanguage		10 languages	
	USB-DONGLES		1 (optinal 8)	
	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

*USB Hub request

MADE IN UKRAINE



299999003

IOT MDS IP67



29999901

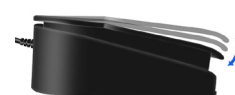


IOT MDS PRO

OPTIONAL ACCESSORIES



299190001



299190000

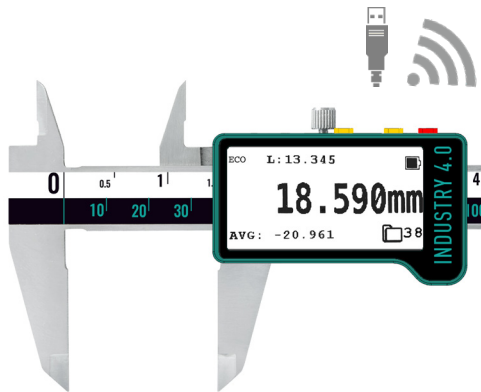
WIRELESS INSTRUMENTS



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

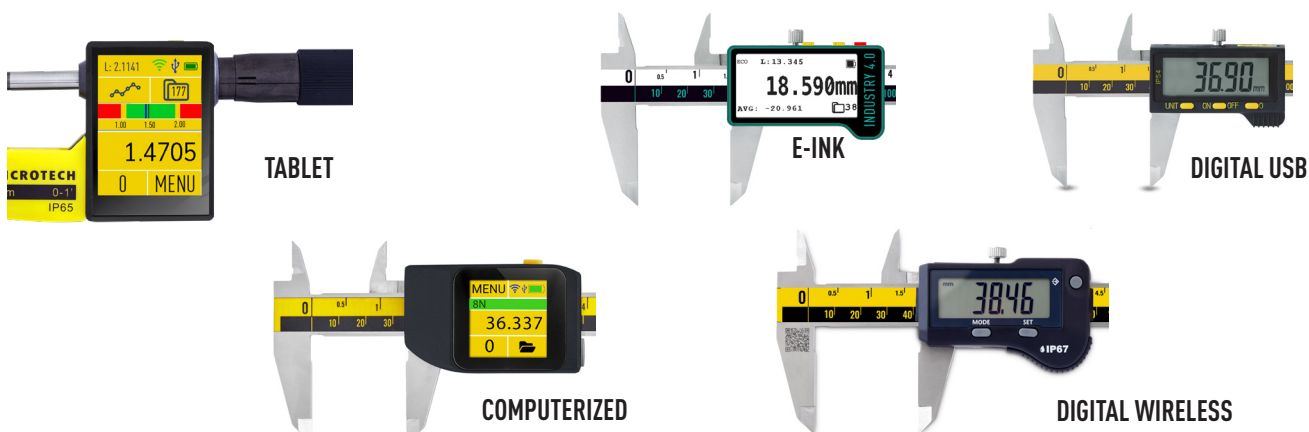


6 DATA TRANSFER MODES:

- 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)

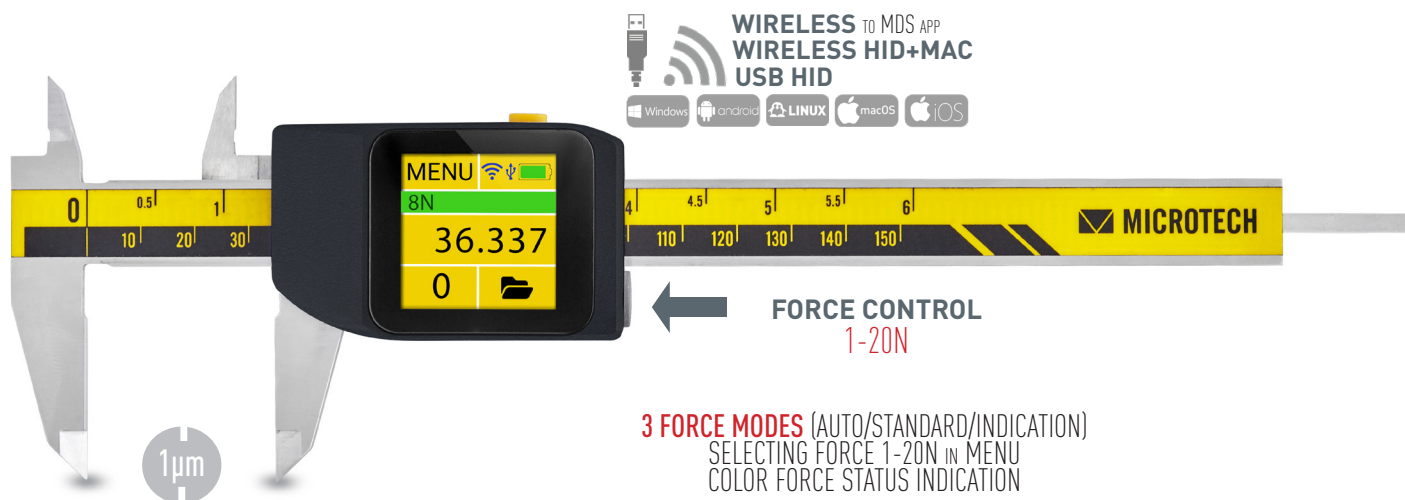
EXTRA FUNCTIONS: DATA TRANSFER from MEMORY, FOLDERS, GRAPHIC, SYNCHRONIZED DEVICE, TIMER

MICROTECH INSTRUMENTS FUNCTIONS



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
	Modbus/PLC	option	option				
HUB mode	2D master	Wireless Sync like Master					
	2D slave	Wireless Sync like Slave device					
	Probe mode	Wireless Sync with ext Probes					
3D Probes operating	Manual mode	•					
	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		•	•	•	•		

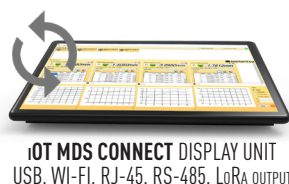
- Industry 4.0 adopted E-Force caliper with computerized MICS system with hi-res 1,54" color Touchscreen
- Patents US10184772, UA174949, UA126928
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- Memory manager: 2000 values, 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
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso- lution	Accu- racy*	eForce	Jaws	Carbide jaws	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr.	Calibr date	Recharge	Auto off	Password	Memory	Folders	Statistics	WIRELESS to app	WIRELESS HID	USB HID	FW update	Display	
	mm	inch	mm	µm	N	mm																					
141097015A	0-150	0-6"	0,001	±5	1-20	40/16		•	•	•	•	•	•	•	•	•	•	•	2000 val	•	•	•	•	•	•	1.54" Touchscreen	
141077015A			0,005	±10				•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•			
141077015C							•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•			
141097020A	0-200	0-8"	0,001	±8	1-20	50/17		•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•		•
141077020A			0,005	±10				•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•			
141077020C							•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•			
141097030A	0-300	0-12"	0,001	±10	1-20	60/20		•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•		•
141077030A			0,005	±15				•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•			
141077030C							•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•			

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

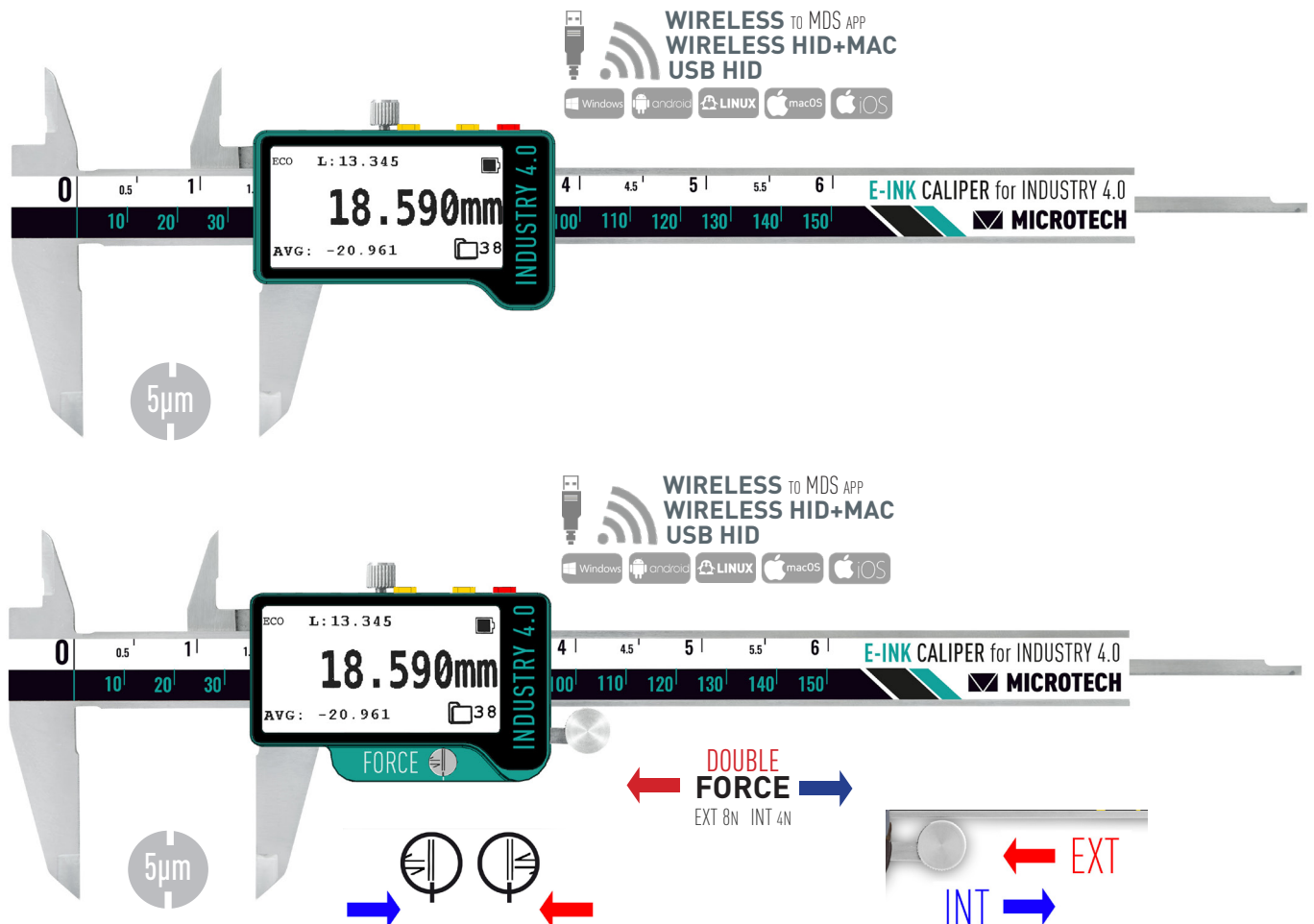
OPTIONAL ACCESSORIES



DOWNLOAD APP



- Industry 4.0 adopted Intelligent caliper with computerized MICS system with hi-res 2.13" E-ink screen
- Patents US10184772, UA174949, UA126928, UA202204799
- 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
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))

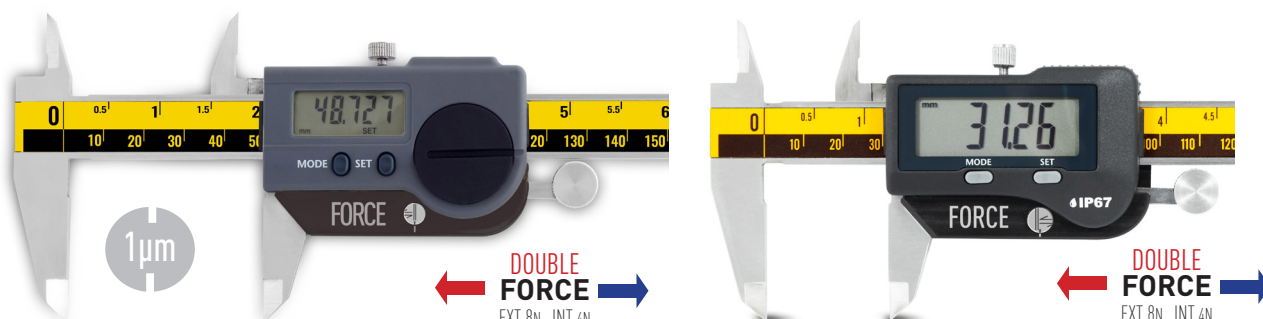


Item No	Range		Reso- lution	Accu- racy*	Double Force	Jaws	Carbide jaws	Round rod	Preset	Go/NoGo	Max/Min	Formula	Linear corr	Calibr date	Recharge	ECO mode	Memory	Statistics	WIRELESS to app	WIRELESS HID	USB HID	FW update	Display				
	mm	inch	mm	µm	N	mm																					
141093015B	0-150	0-6"	0,005	±15	-	40/16			•	•	•	•	•	•	•	•	1000 val	•	•	•	•	•	F-ink 2.13"				
141093015R						40/16		•	•	•	•	•	•	•	•	•		•	•	•	•						
141093015C						40/16	•	•	•	•	•	•	•	•	•	•		•	•	•	•						
141093020B	0-200	0-8"		50/17				•	•	•	•	•	•	•	•	•		•	•	•	•	•		•	•		
141093020C				50/17		•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•		•	•		
141093030B	0-300	0-12"		±20		60/20			•	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•	
141093030C				60/20		•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•	
DOUBLE FORCE E-INK CALIPER																											
141093015F	0-150	0-6"	0,005	±10	8 / 4	40/16			•	•	•	•	•	•	•	•	1000 val	•	•	•	•	•	F-ink 2.13"				
141093015FR						40/16		•	•	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•	•
141093020F						50/17		•	•	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•	•
141093030F						60/20		•	•	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•	•

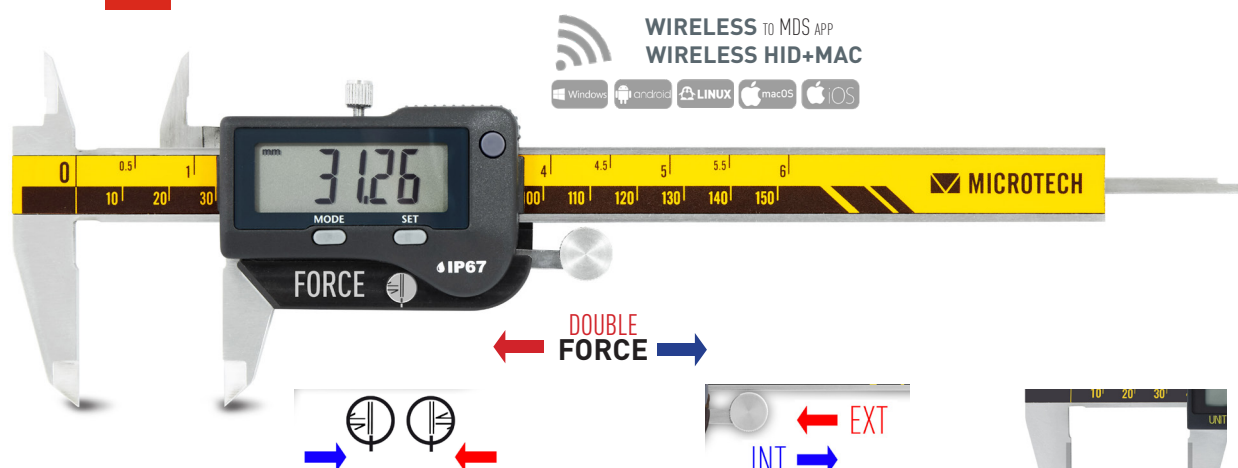
*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

MADE IN UKRAINE

- **Double Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- Waterproof **IP67** Swiss electronics
- High accuracy up to $\pm 5\mu\text{m}$ on external jaws (internal and depth according ISO13385)
- **MODIFICATION 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		Reso- lution	Accu- racy*	Double force	Jaws	Protection	Carbide jaws	Preset	mm/inch	Auto on/off	WIRELESS to app	WIRELESS HID	Display
	mm	inch	mm	µm	N	mm								
MICRON DOUBLE FORCE CALIPER IP67														
141099192	0-150	0-6"	0,001	±5	8 ext	40/16	IP-67		•	•	•			
141099293	0-199	0-8"		±7	4 int	50/17			•	•	•			
DOUBLE FORCE CALIPER IP67														
141078122	0-150	0-6"	0,01	±10	8 ext	40/16	IP-67		•	•	•			
141078122C						•		•	•					
141078222	0-200	0-8"		±10	4 int	50/17			•	•	•			
141078222C						•		•	•					
141078322	0-300	0-12"		±20	60/20			•	•	•				
141078322C					•	•		•						
WIRELESS DOUBLE FORCE CALIPER IP67														
141078192	0-150	0-6"	0,01	±10	8 ext	40/16	IP-67		•	•	•	•	•	
141078192C						•		•	•	•	•			
141078292	0-200	0-8"		±10	4 int	50/17			•	•	•	•	•	
141078292C						•		•	•	•	•	•		
141078392	0-300	0-12"		±20	60/20			•	•	•	•	•	•	
141078392C					•	•		•	•	•	•	•		

Swiss electronics Digit 11mm

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

**MODIFICATION
CARBIDE JAWS**

OPTIONAL ACCESSORIES



ACCESSORIES FOR DATA TRANSFER



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

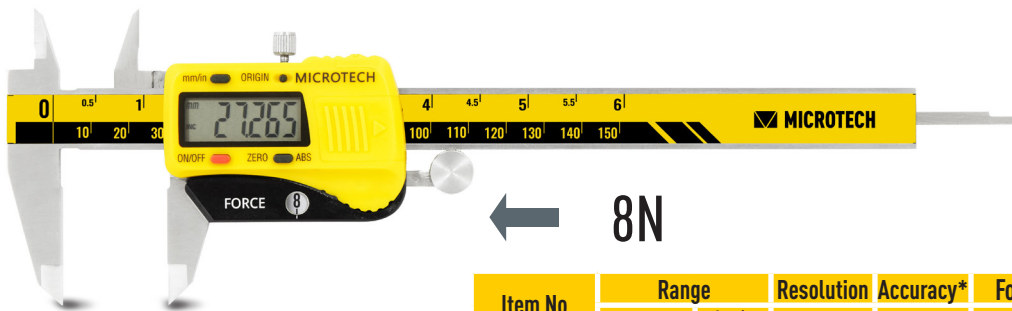
DOWNLOAD APP

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Windows App

 Download on the
App Store

GET IT ON
 **Google play**

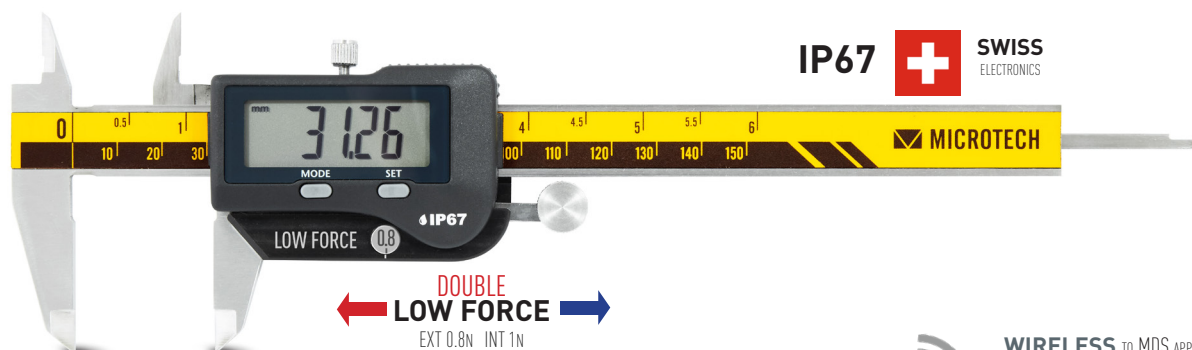
MADE IN UKRAINE



Item No	Range		Resolution	Accuracy*	Force	Protection	Display
	mm	inch	mm	μm	N		
141088152	0-150	0-6"	0,005	±10	8	IP-54	Digit 9mm
141088252	0-200	0-8"		±10			
141088352	0-300	0-12"		±15			

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
- MODIFICATION 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



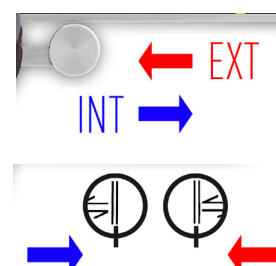
WIRELESS TO MDS APP
WIRELESS HID+MAC

DOWNLOAD APP



Item No	Range		Reso- lution	Accu- racy*	Double Low force	Jaws	Protection	Preset	mm/inch	Auto on/off	WIRELESS to app	WIRELESS HID	Display
	mm	inch	mm	µm	N	mm							
LOW FORCE CALIPER IP67													
141077153	0-150	0-6"	0,01	±30	0,8 ext	40/16	IP-67	•	•	•			Swiss Digit 11mm
141077253	0-200	0-8"		±30	1 int	50/17		•	•	•			
141077353	0-300	0-12"		±40		60/20		•	•	•			
WIRELESS LOW FORCE CALIPER IP67													
141077193	0-150	0-6"	0,01	±30	0,8 ext	40/16	IP-67	•	•	•	•	•	Swiss Digit 11mm
141077293	0-200	0-8"		±30	1 int	50/17		•	•	•	•	•	
141077393	0-300	0-12"		±40		60/20		•	•	•	•	•	

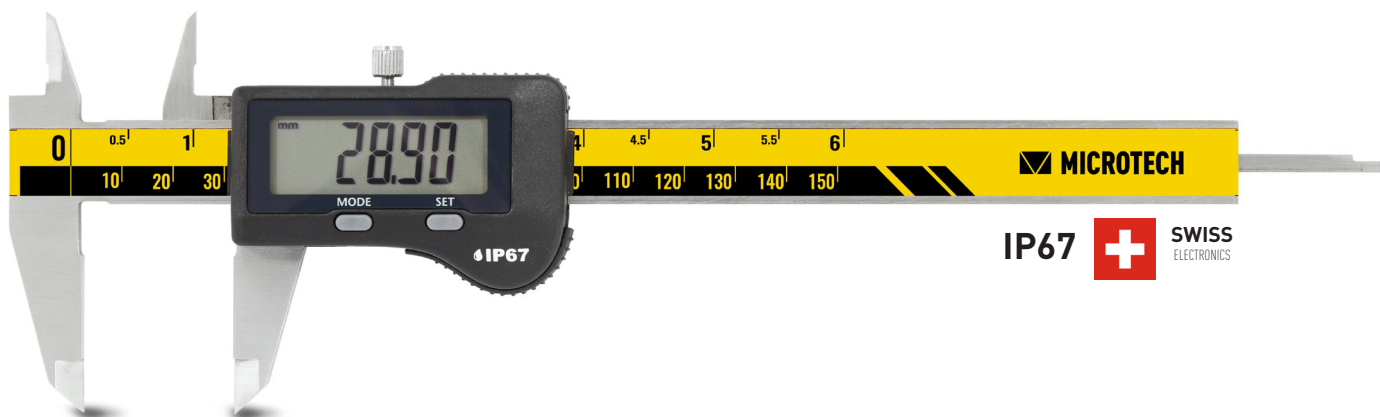
DOUBLE LOW FORCE
EXT 0.8N INT 1N



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

MADE IN UKRAINE

- Waterproof **IP67** Swiss electronics with PRESET function
- High accuracy up to $\pm 20\mu\text{m}$ on external jaws (internal and depth according ISO13385)
- **MODIFICATION 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		Reso- lution	Accur- acy	Jaws	Protection	Carbide jaws	Round rod	Preset	mm/inch	Auto on/off	Display	
	mm	inch	mm	µm									
141072122	0-150	0-6"	0,01	±20	40/16	IP-67			•	•	•	Swiss electronics	
141072122R								•	•	•	•		
141072122C								•		•	•		•
141072222	0-200	0-8"		±20	50/17				•	•	•		•
141072222C								•		•	•		•
141072322	0-300	0-12"		±30	60/20				•	•	•		•
141072322C								•		•	•		•



**MODIFICATION
CARBIDE JAWS**

WIRELESS DIGITAL CALIPER IP67

- **3 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC



IP67  **SWISS ELECTRONICS**

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

OPTIONAL ACCESSORIES



ACCESSORIES FOR DATA TRANSFER



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

DOWNLOAD APP



BIG SCREEN DIGITAL CALIPER IP54

MICROTECH

- 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))



MODIFICATION
CARBIDE JAWS

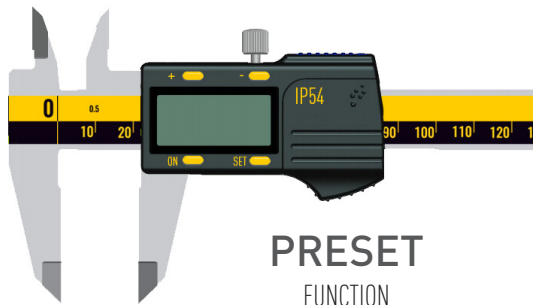
OPTIONAL ACCESSORIES



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	Carbide jaws	Round rod	Thumb roll	mm/inch	Auto on/off	USB	Display
	mm	inch	mm	µm										
141083111	0-150	0-6"	0,01	±20	40/16	IP-54								
141083112														
141083112R														
141083112C	0-200	0-8"	0,01	±20	50/17	IP-54								
141083211														
141083212														
141083212C	0-300	0-12"	0,01	±30	60/20	IP-54								
141083311														
141083312														
141083312C														

PRESET DIGITAL CALIPER IP54



**PRESET
FUNCTION**

Item No	Range		Reso- lution	Accu- racy	Jaws	Protection	Round rod	Preset	mm/inch	Auto on/off	USB	Display
	mm	inch	mm	µm								
141081112	0-150	0-6"	0,01	±20	40/16	IP-54						
141081112R												
141081212												
141081312	0-300	0-12"	0,01	±30	60/20	IP-54						Digit 11mm

WIRELESS DIGITAL CALIPER IP54

- **3 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC



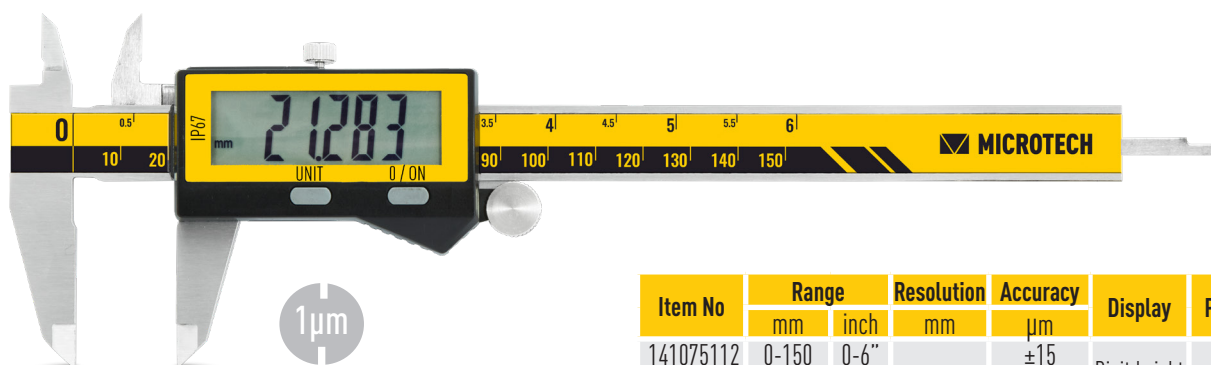
DOWNLOAD APP



Item No	Range		Reso- lution	Accu- racy	Jaws	Protection	Round rod	mm/inch	Auto on/off	WIRELESS to app	WIRELESS HID	Display
	mm	inch	mm	µm								
141081192	0-150	0-6"	0,01	±20	40/16	IP-54						
141081192R												
141081292												
141081392	0-300	0-12"	0,01	±30	60/20	IP-54						Digit 11mm

MADE IN UKRAINE

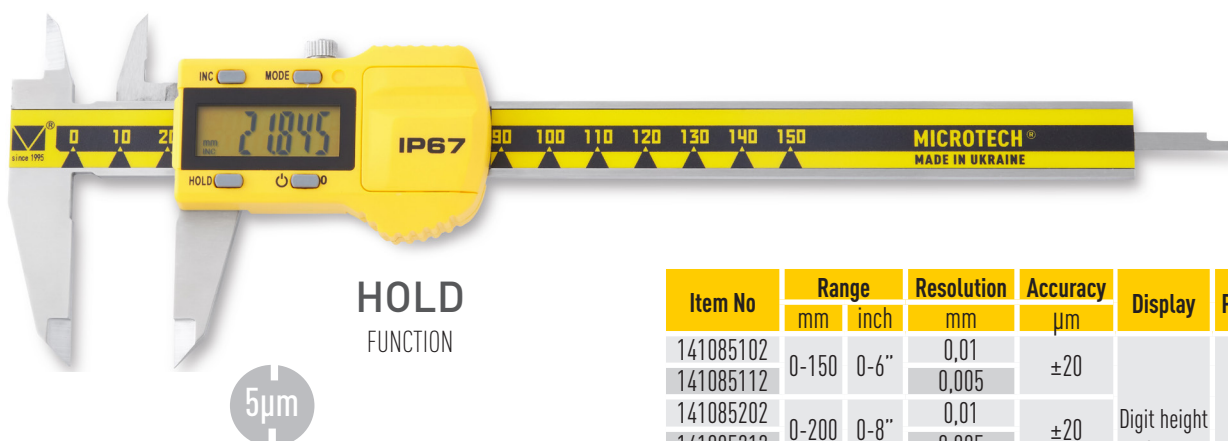
- Waterproof **IP67** electronics with **1μm** resolution
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Resolution	Accuracy	Display	Protection
	mm	inch	mm	μm		
141075112	0-150	0-6"	0,001	±15	Digit height 12mm	IP-67
141075212	0-200	0-8"		±15		
141075312	0-300	0-12"		±20		

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

PRECISION DIGITAL CALIPER IP67



Item No	Range		Resolution	Accuracy	Display	Protection
	mm	inch	mm	μm		
141085102	0-150	0-6"	0,01	±20	Digit height 9mm	IP-67
141085112			0,005			
141085202	0-200	0-8"	0,01	±20		
141085212			0,005			
141085302	0-300	0-12"	0,01	±30		
141085312			0,005			

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

DIAL CALIPER



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

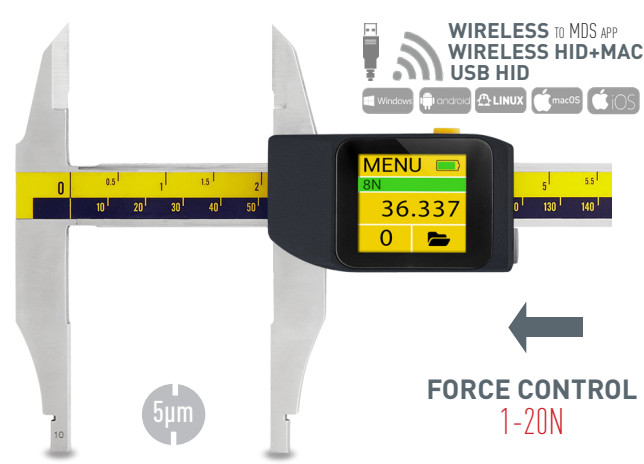
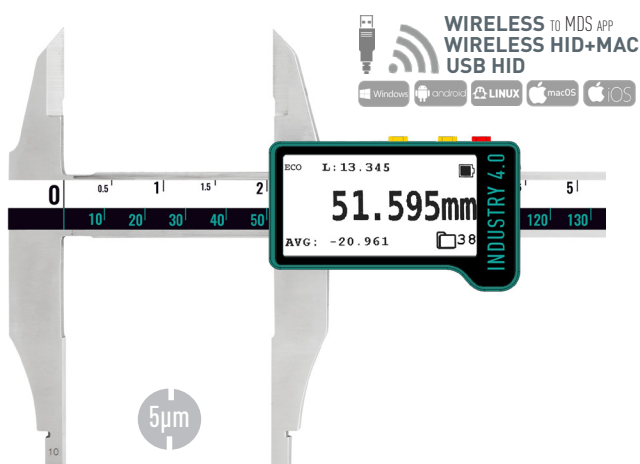
- NIB jaw calipers with long Internal & External jaws
- Digital IP54 / IP67 or Computerized **MICS** indication system Modification with **Long range** Wireless to app, Wireless HID (+MAC) or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))



IP67



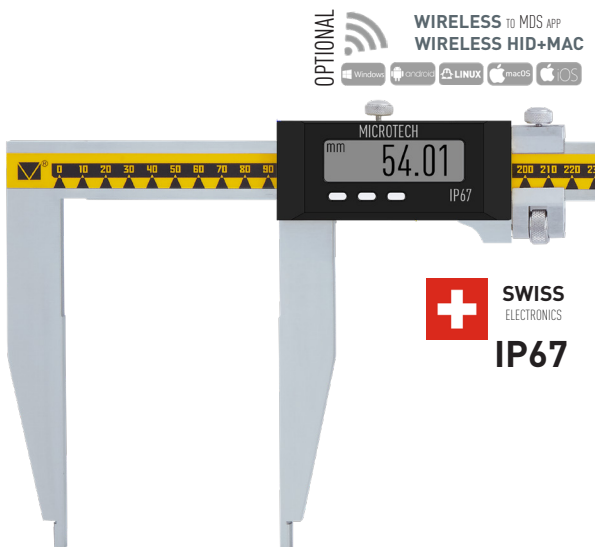
SWISS
ELECTRONICS



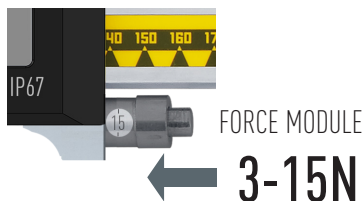
FORCE CONTROL
1-20N

Item No	Range	Resolution	Accuracy*	Force	Jaws	Protection	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	Display
	mm inch	mm	µm	N	mm																			
NIB jaws digital caliper IP54																								
141083321	0-300 0-12"	0,01	±30		60/40	IP54																		
141081391																								
141105521	0-500 0-20"		±40		100/40		•																	
NIB jaws digital caliper IP67																								
141072323	0-300 0-12"	0,01	±30		60/40	IP67	•																	
141072523	0-500 0-20"		±40		100/40		•																	
NIB jaws WIRELESS caliper IP67																								
141072393	0-300 0-12"	0,01	±30		60/40	IP67	•														•			
141072593	0-500 0-20"		±40		100/40		•														•			
NIB jaws E-ink calipers																								
141093321B	0-300 0-12"	0,005	±15		60/40	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	E-ink
141093321F			±20	8 / 4			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
NIB jaws Computerized E-Force calipers																								
141077321A	0-300 0-12"	0,005	±15		60/40	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Comp
141097321A		0,001	±12	1-20			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
141077521A	0-500 0-20"	0,01	±20		100/40		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	

- Long jaw digital caliper with waterproof **IP67** Swiss electronics with PRESET function
- Optional **Force** control module 3-15N
- MODIFICATION with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))



OPTIONAL ACCESSORIES



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



ACCESSORIES FOR DATA TRANSFER

DOWNLOAD APP



Item No	Range		Resol	Jaw	Accur.	Bar section	Weight	Protection	mm/inch	Preset	ABS	WIRELESS		
	mm	inch	mm	mm	µm	mm	kg							
MICRON LONG JAW DIGITAL CALIPER IP67														
141073301	0-300	0-12"	0,001	100	±15	23x6	1.11	IP67	•	•	•			
141073501	0-500	0-20"		150	±20		1,45		•	•	•			
141073502							1,75		•	•	•			
141073601	0-600	0-24"		100		1,66	•		•	•				
141073702	0-1000	0-40"		150	±30	32x7	3,32		•	•	•			
LONG JAW DIGITAL CALIPER IP67														
141072311	0-300	0-12"	0,01	100	±30	17x5	0,69	IP67	•	•	•			
141072411	0-400	0-16"					0,79		•	•	•			
141072511	0-500	0-20"					0,88		•	•	•			
141073512	0-500	0-20"		150	±30	23x6	1,75		IP67	•	•	•		
141073515				300	±40		2,65			•	•	•		
141073611	0-600	0-24"		100	±30		1,66	•		•	•			
141073712	0-1000	0-40"		150	±40	32x7	3,32	•		•	•			
141073715				300	±60		5,70	•		•	•			
141073812	0-1500	0-60"		150	±50	42x8		Al case	•	•	•			
141073815				300	±70				•	•	•			
141073912				150	±60				•	•	•			
141073915	0-2000	0-80"			±80				•	•	•			
141073255	0-2500	0-100'		300		±90				•	•	•		
141073305	0-3000	0-120'				±100	53x8			•	•	•		
141073405	0-4000	0-160'				±130				•	•	•		
141073505	0-5000	0-200'				±160				•	•	•		
MICRON LONG JAW WIRELESS CALIPER IP67														
141073371	0-300	0-12"	0,001	100	±15	23x6	1.11	IP67	•	•	•			
141073571	0-500	0-20"		150	±20		1,45		•	•	•			
141073572							1,75		•	•	•			
141073671	0-600	0-24"		100		1,66	•		•	•				
141073772	0-1000	0-40"		150	±30	32x7	3,32		•	•	•			
LONG JAW WIRELESS CALIPER IP67														
141072391	0-300	0-12"	0,01	100	±30	17x5	0,69	IP67	•	•	•	WIRELESS to app / WIRELESS HID + MAC		
141072491	0-400	0-16"					0,79		•	•	•			
141072591	0-500	0-20"					0,88		•	•	•			
141073592	0-500	0-20"		150	±30	23x6	1,75		IP67	•	•		•	
141073595				300	±40		2,65			•	•		•	
141073691	0-600	0-24"		100	±30		1,66	•		•	•			
141073792	0-1000	0-40"		150	±40	32x7	3,32	IP67		•	•		•	
141073795				300	±60		5,70			•	•		•	
141073892	0-1500	0-60"		150	±50	42x8			Al case	•	•		•	
141073895				300	±70					•	•		•	
141073992	0-2000	0-80"		150	±60					•	•		•	
141073995							±80				•		•	•
141073265	0-2500	0-100'		300		±90	53x8				•		•	•
141073315	0-3000	0-120'				±100				•	•		•	
141073415	0-4000	0-160'				±130				•	•		•	
141073515	0-5000	0-200'				±160			•	•	•			
										•	•	•		

WIRELESS to app / WIRELESS HID + MAC

- 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

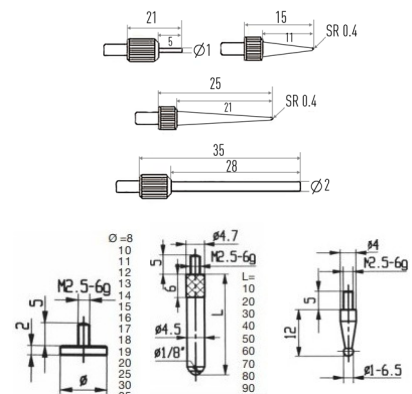
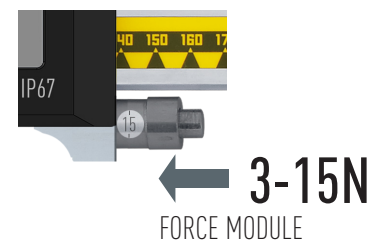
OPTIONAL  **WIRELESS** TO MDS APP
WIRELESS HID+MAC
    



CUSTOM RANGE AND JAWS FOR REQUEST

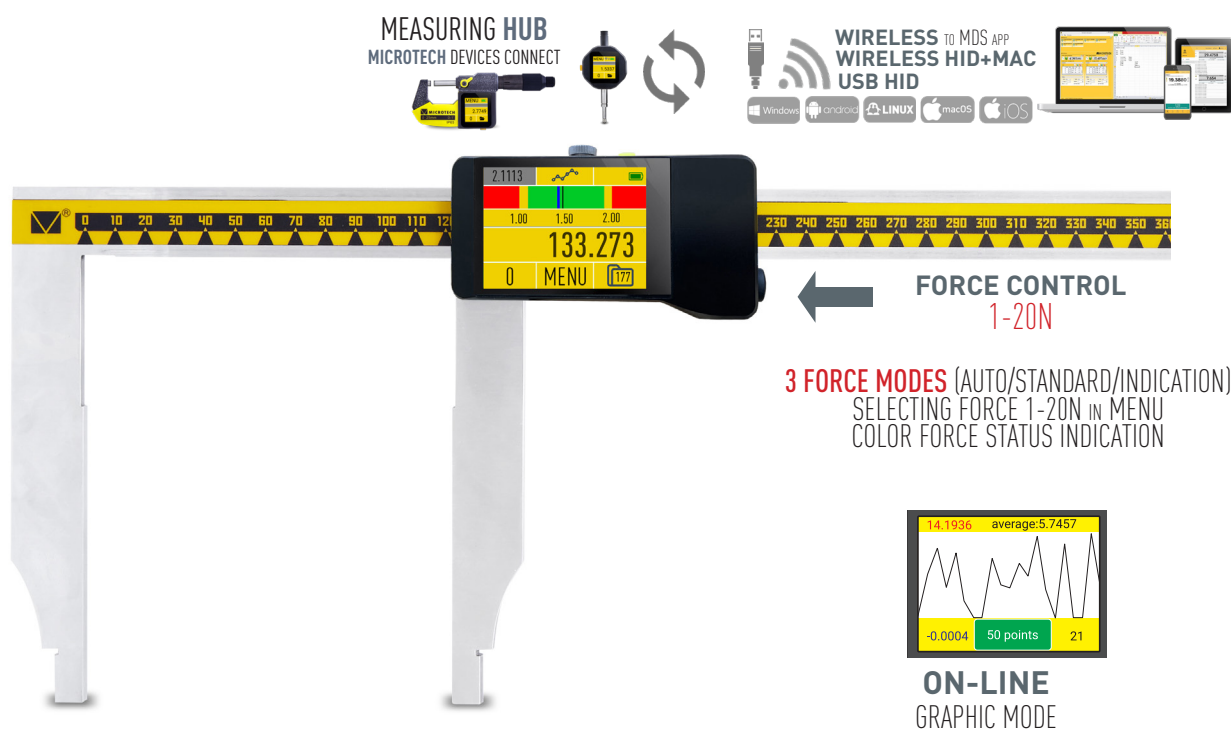
Item No	Range		Resol.	Jaws	Accuracy	Weight	Protection	mm/inch	Preset	ABS	Display		
	mm	inch	mm	mm	µm	kg							
142408445	0-800	0-32"	0,001	400	±25	3,9	IP67	•	•	•	Big screen Swiss electronics IP67 in Al case		
142408444			0,01		±30	3,9		•	•	•			
142411445	0-1000	0-40"	0,001	400	±30	4,3		•	•	•			
142411444			0,01		±40	4,3		•	•	•			
142411464				600	±50	4,7		•	•	•			
142418445			0-1800	0-60"	0,001	400		±40	6.2	•		•	•
142418444	±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"	0,01	400	±90	20.0	Al case	•	•	•			
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



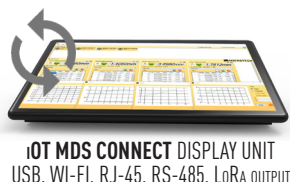
OPTIONAL ANVILS

- 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	ORIGINAL MODEL																				
	mm	inch	mm	mm	µm	N	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	Display				
141005216	0-500	0-20"	0,01	100	±30	1-20	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	•	•	Touchscreen 2.4"				
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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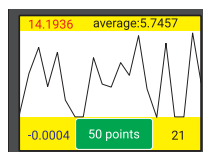


- Industry 4.0 adopted Extra long jaw Tablet caliper with computerized MICS system with 2.4" color Touchscreen
- Patents US10184772, UA111194, UA112361, UA121681, UA2022205040
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring 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))



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

Windows Android LINUX macOS iOS



ON-LINE
GRAPHIC MODE



CUSTOM RANGE AND JAWS FOR REQUEST

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	FW update	Display
	mm	inch	mm	mm	µm	kg																	
142408442	0-800	0-32"	0,01	400	±30	3,9	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val Long range / HID	•	•	Touchscreen 2.4"	
142411442	0-1000	0-40'		400	±40	4,3	•	•	•	•	•	•	•	•	•	•	•	•					
142411462				600	±60	4,7	•	•	•	•	•	•	•	•	•	•	•	•					
142418442	0-1800	0-60"		400	±80	6.2	•	•	•	•	•	•	•	•	•	•	•	•					
142418462				600	±100	6,6	•	•	•	•	•	•	•	•	•	•	•	•					
142120142	0-2000	0-80"		400	±60	17,5	•	•	•	•	•	•	•	•	•	•	•	•					
142120162				600	±85	18,0	•	•	•	•	•	•	•	•	•	•	•	•					
142120102	0-2500	0-80"		1000	±120	19,0	•	•	•	•	•	•	•	•	•	•	•	•					
142125142				400	±90	20.0	•	•	•	•	•	•	•	•	•	•	•	•					
142125162	0-2500	0-100"		600	±105	20,5	•	•	•	•	•	•	•	•	•	•	•	•					
142125102				1000	±140	21.5	•	•	•	•	•	•	•	•	•	•	•	•					
142130142	0-3000	0-120"		400	±100	24.0	•	•	•	•	•	•	•	•	•	•	•	•					
142130162				600	±110	24.5	•	•	•	•	•	•	•	•	•	•	•	•					
142130102	0-3500	0-140"		1000	±160	25.5	•	•	•	•	•	•	•	•	•	•	•	•					•
142135142				400	±120	26.5	•	•	•	•	•	•	•	•	•	•	•	•					
142135162				600	±160	27.0	•	•	•	•	•	•	•	•	•	•	•	•					
142135102				1000	±240	28.0	•	•	•	•	•	•	•	•	•	•	•	•					

DOWNLOAD APP



- Universal caliper with 3 pairs of measurings 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))

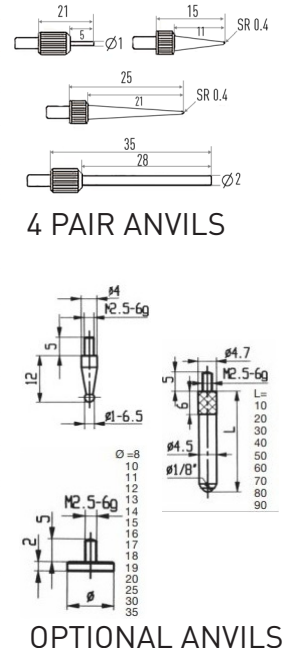


Item No	Range		Reso- lution	Accu- racy	Anvils set			Depth	Force	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	FW update	Display					
	mm	inch			mm	µm	inside & outside groove																		inside & outside point	disk D	mm	N	
UNIVERSAL DIGITAL CALIPER IP54																													
141630151	0-150	0-6"	0,01	±30	5	D3x5	30	40	-	IP54	•											•	9 mm digit						
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				±30							•																		
141630203				0-200							0-8"	8	D3x8	42	50	•													
141630303	0-300	0-12"		±40	10	D3x10	50	60			•																		
UNIVERSAL WIRELESS CALIPER IP67																													
141630154	0-150	0-6"	0,01	±30	5	D3x5	30	40	-	IP67	•											•		Swiss 11 mm digit					
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	•	•	•	•	•	•	•	•	•	•	•	•	•	Touch 1,54"					
141630158			0,001	±15							•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•
141630207	0-200	0-8"	0,005	±25	8	D3x8	42	50			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val Long range / HID			
141630208			0,001	±15							•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
141630307	0-300	0-12"	0,005	±25	10	D3x10	50	60			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
141630308			0,001	±20							•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•

- Interchangeable point caliper with 4 pairs of anvils for internal & external 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))



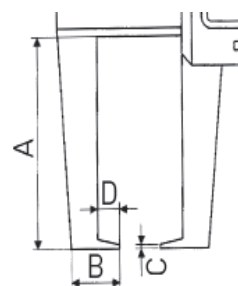
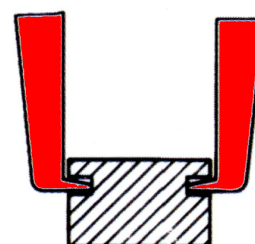
Item No	Range		Depth	Reso- lution	Accu- racy	Anvils	Force	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	FW update	Display
	mm	inch																				
INTERCHANGEABLE ANVIL DIGITAL CALIPER IP54																						
141650301	0-300	0-12"	90	0.01	±40	4 pairs	-	IP54	•											•		9 mm
141650501	0-500	0-20"	150		±50				•													
INTERCHANGEABLE ANVIL DIGITAL CALIPER IP67																						
141650303	0-300	0-12"	90	0.01	±40	4 pairs	-	IP67	•						•							Swiss 11 mm digit
141650503	0-500	0-20"	150		±50				•							•						
141650533				0,001	±30	•								•								
INTERCHANGEABLE ANVIL WIRELESS CALIPER IP67																						
141650304	0-300	0-12"	90	0.01	±40	4 pairs	-	IP67	•						•					•		Swiss 11 mm digit
141650504	0-500	0-20"	150		±50				•							•						
141650534				0,001	±30	•									•							
INTERCHANGEABLE ANVIL COMPUTERIZED CALIPER IP54																						
141650307	0-300	0-12"	90	0,005	±25	4 pairs	1-20	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•	1,54"
141650507	0-500	0-20"	150	0,01	±30				•	•	•	•	•	•	•	•	•	•	•	•	•	•



- 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	FW update	Display			
	mm	inch	mm	µm	N																		
OUTSIDE GROOVE DIGITAL CALIPER IP54																							
141430150	0-150	0-6"	0,01	±30	-	IP54												•		9 mm digit			
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							•							Swiss 11 mm digit			
141430153							±30										•						
141430203							±30										•						
141430303							±30										•						
OUTSIDE GROOVE WIRELESS CALIPER IP67																							
141430154	0-150	0-6"	0,01	±30	-		•						•					•		Swiss 11 mm digit			
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	•	•	•	•	•	•	•	•	•			•	•	Touch 1,54"			
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))



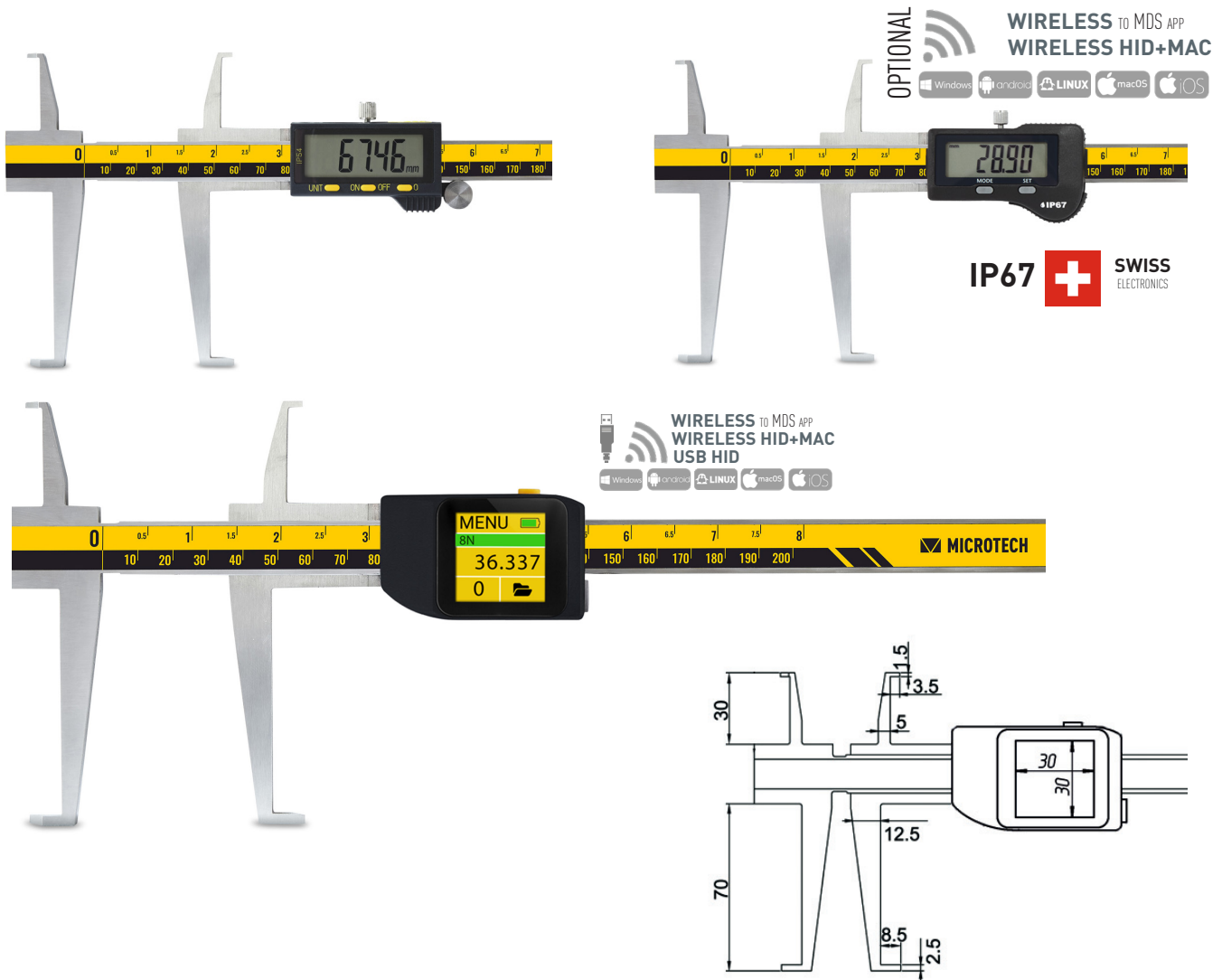
CUSTOM RANGE AND JAWS FOR REQUEST

Item No	Range		Resolu- tion	Jaws		Accu- racy	Force	Protection	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	FW update	Display	
	mm	inch		mm	Depth																					D point
OUTSIDE POINT DIGITAL CALIPER IP54																										
141403141	0-300	0-12"	0.005	90	1	±40		IP54																	Digital	
141405141	0-500	0-20"	0,01	150		±50																				
141405151				300	3	±80																				
141410151	0-1000	0-40"																								
OUTSIDE POINT DIGITAL CALIPER IP67																										
141403143	0-300	0-12"	0,01	90	1	±30	12N	IP67				•							•						Big screen Swiss electronics	
141405143	0-500	0-20"		150		±40																•				
141405153				300	3	±70																•				
141410153	0-1000	0-40"																			•					
WIRELESS OUTSIDE POINT WIRELESS CALIPER IP67																										
141403144	0-300	0-12"	0,01	90	1	±30	12N	IP67				•							•				•		Big screen Swiss electronics	
141405144	0-500	0-20"		150		±40																•				
141405154				300	3	±70																•				
141410154	0-1000	0-40"													•						•					•
OUTSIDE POINT COMPUTERIZED CALIPER IP54																										
141403146	0-300	0-12"	0.005	90	1	±25	1-20	IP54				•	•	•	•	•	•	•	•	•	•	•	•	•	1.54"	
141405146	0-500	0-20"	0,01	150		±40				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•
141405156				300	3	±60				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•
141410156	0-1000	0-40"								•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•

DOWNLOAD APP



- 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	FW update	Display
	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										•	13 mm	
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	•											Swiss 11 mm digit
141220203	9-200		17-200						±30	•													
141220303	9-300		0.4-12"						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	•								•			Swiss 11 mm digit
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	•	•	•	•	•	•	•	•	•	•	•	1,54"
141220307	9-300	0.4-12"	17-300	0,7-12"						±25		•	•	•	•	•	•	•	•	•	•	•	

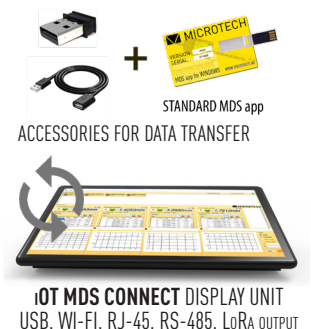
- Inside point caliper
- Digital IP54 / IP67 or Computerized **MICS** indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))



CUSTOM RANGE AND JAWS FOR REQUEST

Item No	Range		Resolution	Jaws		Accuracy	Measuring HUB	Analog scale	Line Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	FW update	Display
	mm	inch		Depth	D point																		
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	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2,4"
141305156	75-575	3-23"		300	3		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
141310156	85-1085	4-44"				±60	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	

OPTIONAL ACCESSORIES



STANDARD MDS app
ACCESSORIES FOR DATA TRANSFER
iOT MDS CONNECT DISPLAY UNIT
USB, WI-FI, RJ-45, RS-485, LoRa OUTPUT

DOWNLOAD APP



SMALL GROOVES DIGITAL CALIPER IP67



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

IP67  **SWISS ELECTRONICS**

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

LONG INTERNAL JAW CALIPER



IP67  **SWISS ELECTRONICS**

Item No	Range		Reso- lution	Accu- racy	Jaws		Protection	mm/inch	Preset	Auto on/off	USB	WIRELESS	Display		
					External	Internal									
	mm	inch			mm	µm								mm	mm
LONG INTERNAL JAW DIGITAL CALIPER IP54															
141130151	0-150	0-6"	0,01	±30	40	41.5	IP54	●	●	●	●		11mm		
141130301	0-300	0-12"		±40			IP54	●	●	●	●				
LONG INTERNAL JAW DIGITAL CALIPER IP67															
141130153	0-150	0-6"	0,01	±30	40	41.5	IP67	●	●	●			Swiss 11 mm		
141130303	0-300	0-12"		±40						●	●	●			
LONG INTERNAL JAW WIRELESS CALIPER IP67															
141130153	0-150	0-6"	0,01	±30	40	41.5	IP67	●	●	●		●			
141130303	0-300	0-12"		±40						●	●	●			●

DOWNLOAD APP



FLAT INTERNAL JAWS DIGITAL CALIPER

LONG FLAT INTERNAL JAWS WITH LENGTH 60mm



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

IP67  **SWISS ELECTRONICS**

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					•

MADE IN UKRAINE

KNIFE EDGE INSIDE CALIPER IP54

MICROTECH



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



IP67  SWISS ELECTRONICS

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



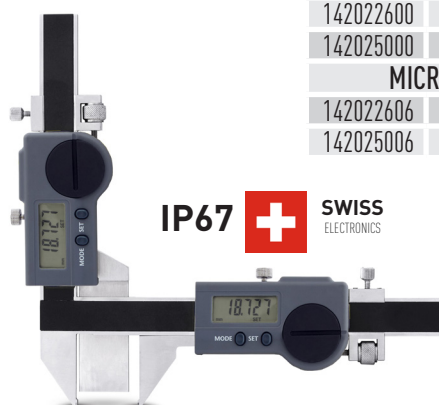
OPTIONAL ACCESSORIES



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

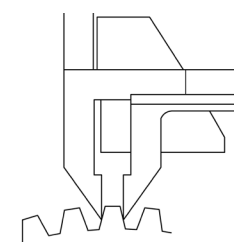
Item No	Range		Resolution	Accuracy	Depth	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	FW update	Display
	mm	inch	mm	µm	mm																
KNIFE EDGE INSIDE DIGITAL CALIPER IP54																					
141210200	22-200	0.8-8"	0,01	±30	100	IP54															13mm
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	•						•								11 mm
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	•						•						•		Swiss 11 mm
141210304	22-300	0.8-12"		±50	150		•							•						•	
KNIFE EDGE INSIDE COMPUTERIZED CALIPER IP54																					
141210207	22-200	0.8-8"	0,005	±30	100	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1,54"
141210307	22-300	0.8-12"		±50	150		•	•	•	•	•	•	•	•	•	•	•	•	•	•	

GEAR TOOTH DIGITAL CALIPER IP67



IP67  SWISS ELECTRONICS

Item No	Range	Resolution	Proof	Display
	mm	mm		
142022600	M1-25	0,005	IP54	Digit height 9mm
142025000	M5-50			
MICRON GEAR TOOTH CALIPER IP67				
142022606	M1-25	0,001	IP67	Digit height 9mm
142025006	M5-50			



MADE IN UKRAINE

- OFFSET CENTERLINE caliper for hole center distance measurings
- 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))



CUSTOM RANGE AND ANVILS FOR REQUEST

Item No	Range		Reso- lution	Accu- racy	Anvil D		Force	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	Display					
					standard	option																					
	mm	inch			mm	µm																	mm	mm	N		
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"																							•		
141730511	20-520	0.8-20.4"			±40	20			35, 50																		
141731011	20-1020	0.8-40.4"			±60																						
141731511	20-1520	0.8-40.4"			±70																						
141732011	20-2020	0.8-60.4"			±80																						
141733011	20-3020	0.8-80.4"	±90																								
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"																									
141730513	20-520	0.8-20.4"			20	35, 50																					
141731013	20-1020	0.8-40.4"							±40																		
141731513	20-1520	0.8-40.4"							±50																		
141732013	20-2020	0.8-60.4"							±60																		
141733013	20-3020	0.8-80.4"	±70																								
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"																							•		
141730514	20-520	0.8-20.4"			20	35, 50																			•		
141731014	20-1020	0.8-40.4"							±40																	•	
141731514	20-1520	0.8-40.4"							±50																	•	
141732014	20-2020	0.8-60.4"							±60																	•	
141733014	20-3020	0.8-80.4"	±70																		•						
OFFSET CENTERLINE COMPUTERIZED CALIPER IP54																											
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			•	•	•	•	•	•	•	•	•	•	•	•	•						
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"																							•		
										Folders / 2000 val										Long range / HID		1,54"					
																						2,4"					



ANVIL D=10MM



ANVIL D=20MM



ANVIL D=35MM

DOWNLOAD APP



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))



DOWNLOAD APP



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	Display
		slide	fix																		
		mm	mm																		
OFFSET DIGITAL CALIPER IP54																					
141740150	0-150	110	40	0,01	±30	IP54															13
141740300	0-300	130	60		±40																
OFFSET DIGITAL CALIPER IP67																					
141740153	0-150	110	40	0,01	±30	IP67															Swiss 11 mm
141740303	0-300	130	60		±40																
OFFSET WIRELESS CALIPER IP67																					
141740154	0-150	110	40	0,01	±30	IP67															Swiss
141740304	0-300	130	60		±40																
OFFSET COMPUTERIZED CALIPER IP54																					
141740157	0-150	110	40	0,005	±20	1-20 IP54															
141740307	0-300	130	60		±30																

OFFSET CORNER CALIPER

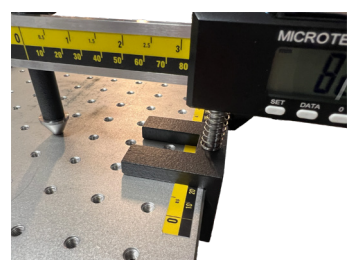
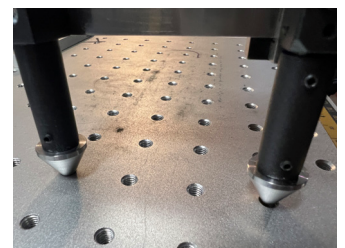
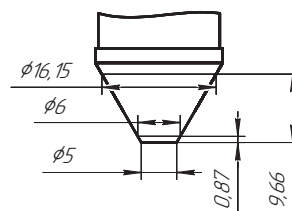
IP67



SWISS ELECTRONICS



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

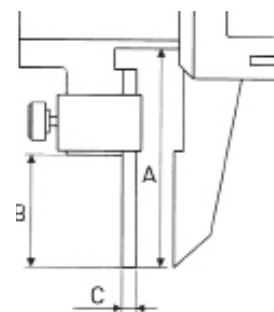
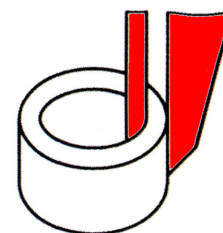


MADE IN UKRAINE

- 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))

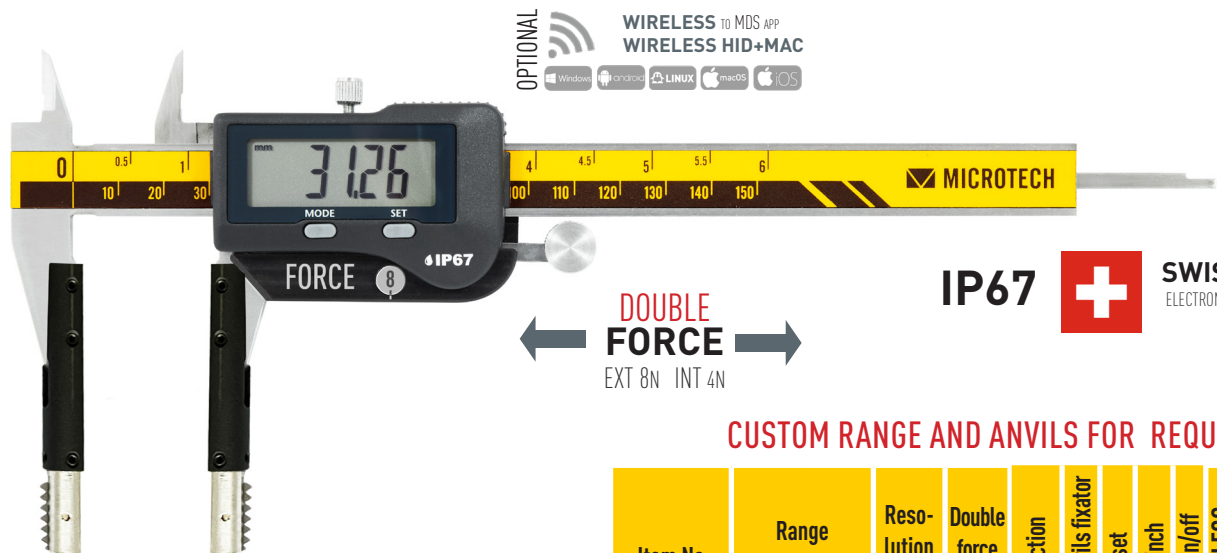


Item No	Range		Reso- lution	Accu- racy	Anvil D	Force	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	FW update	Display
	mm	inch	mm	µm	mm	N															
TUBE DIGITAL CALIPER IP54																					
141230150	0-150	0-6"		±30																	13 mm
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		IP67														
141230203	0-200	0-8"	0,01	±30		-															
141230303	0-300	0-12"		±30																	
TUBE WIRELESS CALIPER IP67																					
141230153	0-150	0-6"		±30																	
141230203	0-200	0-8"	0,01	±30	4	-	IP67														
141230303	0-300	0-12"		±30																	
TUBE COMPUTERIZED CALIPER IP54																					
141230157	0-150	0-6"		±20																	
141230207	0-200	0-8"	0,005	±25	4	1-20	IP54														
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** measurings (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))



IP67 SWISS ELECTRONICS

INTERNAL & EXTERNAL ANVILS ARE OPTIONAL

CUSTOM RANGE AND ANVILS FOR REQUEST

Item No	Range		Reso- lution	Double force	Protection	Thread anvils fixator	Preset	mm/inch	Auto on/off	WIRELESS	Display
	mm	inch	mm	N							
141076122T			0,001								Swiss electronics
141078122T	0-150	0-6"		8 ext	IP-67						
141078192T				4 int							
141078322T	0-300	0-12"	0,01								
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	
141377160T	6,0	
141377165T	6,5	
141377170T	7,0	
141377106T	SET Metric 60° 1,5-6mm (10pcs)	

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	
141377320T	20	
141377300T	SET Thread 30° 2-20mm (12pcs)	

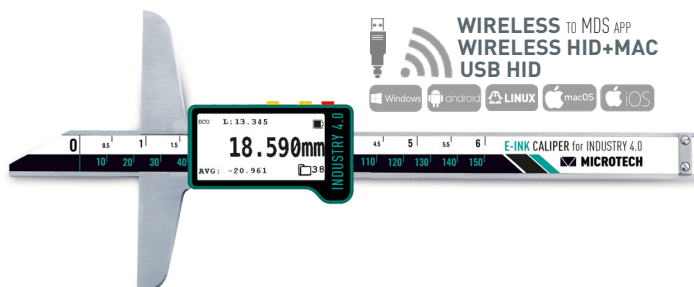


Item No	Type	TPI
141377211T	BSF 55°	11
141377212T		10
141377213T		9
141377214T		8
141377215T		7
141377216T		6
141377217T		5
141377218T		4 1/2
141377219T		4
141377201T	SET BSF 55° 4-11 TPI (9pcs)	

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)	



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	USB	Display			
	mm	inch																		mm	µm	mm
DIGITAL DEPTH CALIPER IP54																						
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																	•	
DIGITAL DEPTH CALIPER IP67																						
1432010156	0-150	0-6"	0,001	±15	102	IP67	•															
1432010153		0-6"		±20			•															
1432010203	0-200	0-8"	0,01	±30			•															
1432010303	0-300	0-12"		±40			•															
1432010503	0-500	0-20"	0,01	±50	150		•															
1432011003	0-1000	0-40"		±80			•															
1432012003	0-2000	0-80"		±100			•															
1432013003	0-3000	0-120"					•															
WIRELESS DEPTH CALIPER IP67																						
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			•													•		
1432011004	0-1000	0-40"	0,01	±80	150		•												•			
1432012004	0-2000	0-80"		±100			•													•		
1432013004	0-3000	0-120"					•													•		
E-INK DEPTH CALIPER IP54																						
1432010158	0-150	0-6"	0,005	±15	102		IP54	•	•	•	•	•	•	•	•	•	•	•	1000 val			
1432010208	0-200	0-8"		±20		•		•	•	•	•	•	•	•	•	•	•	•	•			
1432010308	0-300	0-12"		±25		•		•	•	•	•	•	•	•	•	•	•	•	•			
COMPUTERIZED DEPTH CALIPER IP54																						
1432010157	0-150	0-6"	0,005	±15	102	IP54	•	•	•	•	•	•	•	•	•	•	•					
1432010207	0-200	0-8"		±20			•	•	•	•	•	•	•	•	•	•	•	•	•			
1432010307	0-300	0-12"		±25			•	•	•	•	•	•	•	•	•	•	•	•	•			
1432010507	0-500	0-20"	0,01	±40	150		•	•	•	•	•	•	•	•	•	•	•	•				
1432011007	0-1000	0-40"		±50			•	•	•	•	•	•	•	•	•	•	•	•	•			
1432012007	0-2000	0-40"		±70			•	•	•	•	•	•	•	•	•	•	•	•	•			
1432013007	0-3000	0-40"		±90			•	•	•	•	•	•	•	•	•	•	•	•	•			

OPTIONAL ACCESSORIES



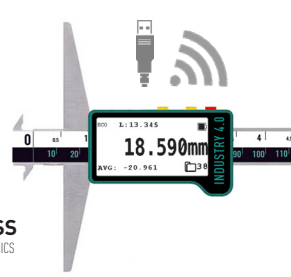
MDS CONNECT DISPLAY UNIT
USB, WI-FI, RJ-45, RS-485, LoRa OUTPUT

DOWNLOAD APP



MADE IN UKRAINE

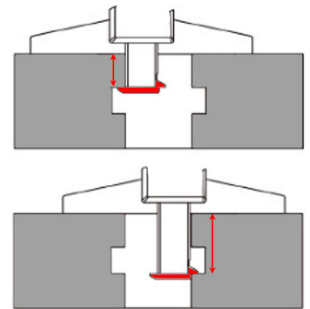
DEPTH CALIPER DOUBLE HOOK



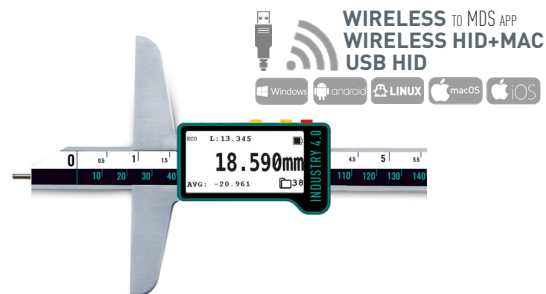
MICROTECH



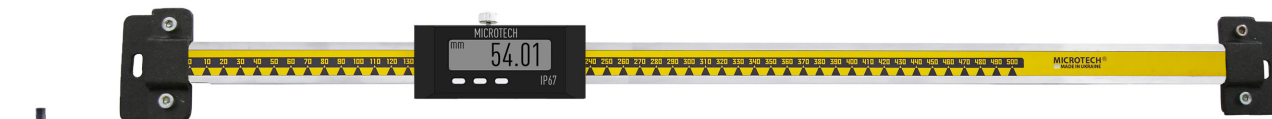
Item No	Range		Reso- lution	Accu- racy	Base	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	Display	
	mm	inch	mm	µm	mm															
DIGITAL DEPTH CALIPER IP54 DOUBLE HOOK																				
1432020152	0-150	0-6"	0,01	±20	102	IP54													●	13 mm
1432020302	0-300	0-12"		±30																
DIGITAL DEPTH CALIPER IP67 DOUBLE HOOK																				
1432020153	0-150	0-6"	0,01	±20	102	IP67	●													digit
1432020303	0-300	0-12"						●												
WIRELESS DEPTH CALIPER IP67 DOUBLE HOOK																				
1432020154	0-150	0-6"	0,01	±20	102	IP67	●											●		Swiss 11 mm
1432020304	0-300	0-12"						●												
E-INK DEPTH CALIPER IP54 DOUBLE HOOK																				
1432020158	0-150	0-6"	0,005	±15	102	IP54	●	●	●	●	●	●	●	●	●	●	●	●	●	E-INK
1432020308	0-300	0-12"		±25				●	●	●	●	●	●	●	●	●	●	●		
COMPUTERIZED DEPTH CALIPER IP54 DOUBLE HOOK																				
1432020157	0-150	0-6"	0,005	±15	102	IP54	●	●	●	●	●	●	●	●	●	●	●	●	●	1,54"
1432020307	0-300	0-12"		±25				●	●	●	●	●	●	●	●	●	●	●		



DEPTH CALIPER PIN TIP



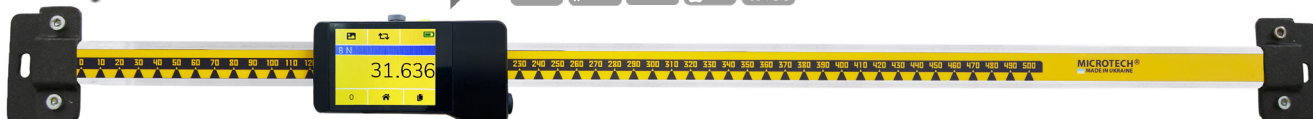
Item No	Range		Reso- lution	Accu- racy	Base	Pin	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	Display		
	mm	inch	mm	µm	mm	mm																
DIGITAL DEPTH CALIPER IP67 PIN TIP																						
1432030153	0-150	0-6"	0,01	±20	102	D 1,5	IP67	•												Swiss 11 mm digit		
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	•											•	Swiss 11 mm digit		
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	•	•	•	•	•	•	•	•	•	•	•	•	E-INK		
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	•	•	•	•	•	•	•	•	•	•	•	•	1,54"		
1432030307	0-300	0-12"		±25				•	•	•	•	•	•	•	•	•	•	•	•		•	•
1432030507	0-500	0-20"		±30				•	•	•	•	•	•	•	•	•	•	•	•		•	•



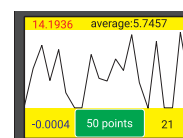
MEASURING HUB
MICROTECH DEVICES CONNECT



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



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																		
DIGITAL SCALE UNIT IP54																						
142501145	0-150	0-6"	0,005	±15	IP54																9 mm	
142502145	0-200	0-8"		±15																		
142503145	0-300	0-12"		±20																		
MICRON DIGITAL SCALE UNIT IP67																						
142501144	0-150	0-6"	0,001	±10	IP67																12mm Swiss electronics	
142502144	0-200	0-8"		±12																		
142503144	0-300	0-12"		±15																		
142505146	0-500	0-20"		±20							•											
142510146	0-1000	0-40"		±30							•											
142515146	0-1500	0-60"		±40							•											
142520146	0-2000	0-80"		±50							•											
142525146	0-2500	0-100"		±60							•											
142530146	0-3000	0-120"		±70							•											
DIGITAL SCALE UNIT IP67																						
142505147	0-500	0-20"	0,01	±40	IP67				•												Big screen Swiss electronics	
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"									•											
COMPUTERIZED SCALE UNIT																						
142501140	0-150	0-6"	0,005	±10	IP54		•	•	•	•	•	•	•	•	•	•	•				Touch 1.54"	
142502140	0-200	0-8"		±15					•	•	•	•	•	•	•	•	•	•	•			
142503140	0-300	0-12"		±20					•	•	•	•	•	•	•	•	•	•	•			
142501141	0-150	0-6"	0,001	±8	IP54		•	•	•	•	•	•	•	•	•	•	•				Touch 1.54"	
142502141	0-200	0-8"		±12					•	•	•	•	•	•	•	•	•	•	•			
142503141	0-300	0-12"		±15					•	•	•	•	•	•	•	•	•	•	•			
142505140	0-500	0-20"	0,01	±30	IP54	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val			Touch 2.4"	
142510140	0-1000	0-40"		±40				•	•	•	•	•	•	•	•	•	•	•	•	Long range / HID		
142515140	0-1500	0-60"		±50				•	•	•	•	•	•	•	•	•	•	•	•	USB HID / Update		
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**



STANDARD MDS app
ACCESSORIES FOR DATA TRANSFER



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

DOWNLOAD APP





CUSTOM RANGE AND CONFIGURATION FOR REQUEST

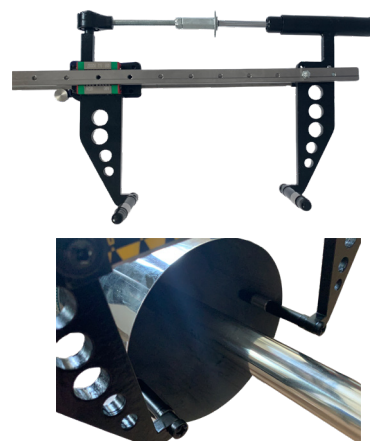
Item No	Range		Reso- lution	Accu- racy	Vision	Protection	2D connection	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	Folders	WIRELESS	WIRELESS HID	USB HID	FW update	Display		
	mm	inch	mm	µm																							
142505151	0-500	0-20"	0,001	±20	10x magnifier	IP67				•															Swiss electronics		
142510151	0-1000	0-40"		±30						•																	
142515151	0-1500	0-60"		±40						•																	
142520151	0-2000	0-80"		±50						•																	
142530151	0-3000	0-120"		±70						•																	
COMPUTERIZED SCALE WITH MAGNIFIER																											
142505156	0-500	0-20"	0,01	±30	10x magnifier	IP54	•	•	•	•	•	•	•	•	•	•	•	•	2000 val	•	•	•	•	•	•	Touch 2.4"	
142510156	0-1000	0-06"		±40			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•			
142515156	0-1500	0-60"		±50			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•			
142520156	0-2000	0-80"		±70			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•			
142530156	0-3000	0-120"		±80			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•			

SCALE COMPUTERIZED UNIT WITH LED MICROSCOPE



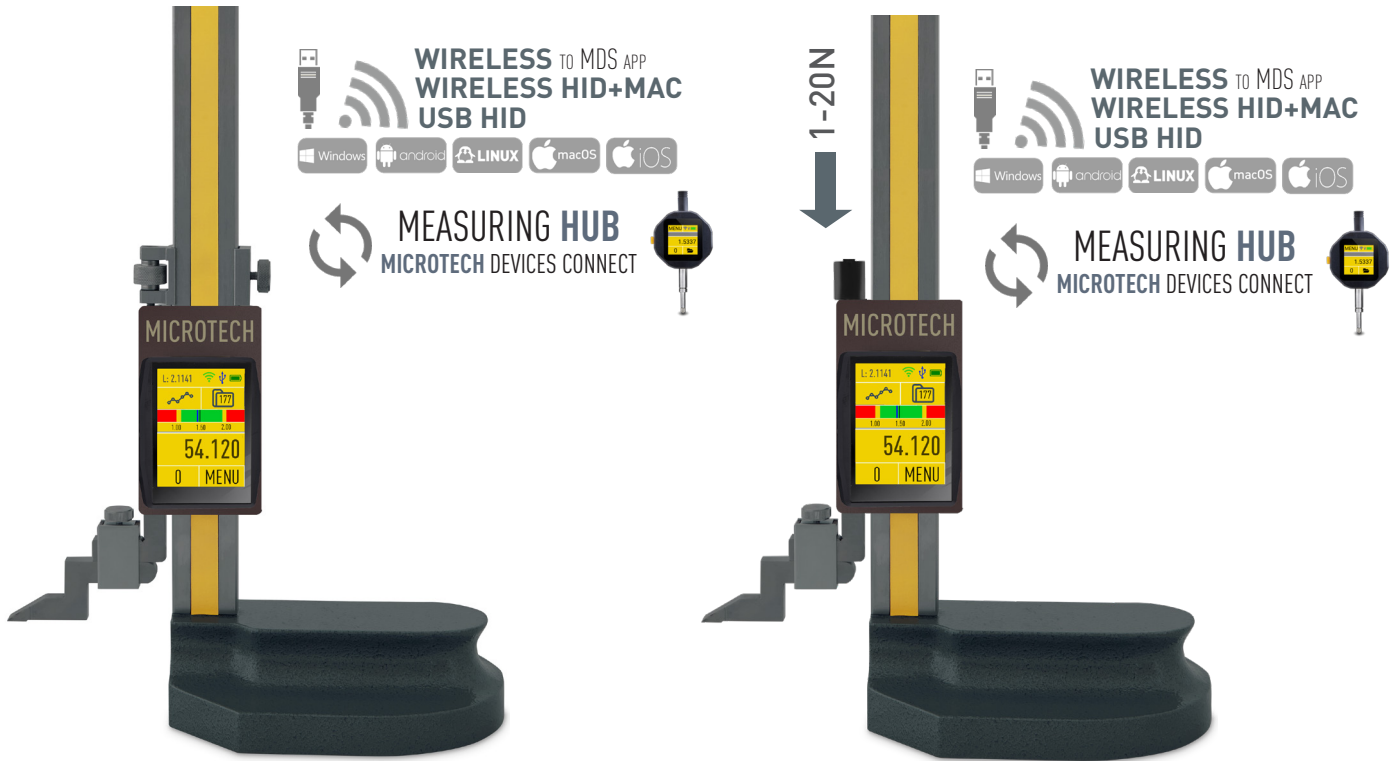
Item No	Range		Reso- lution	Accu- racy	Vision	Roll system	Fine adjust	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	Folders	WIRELESS	WIRELESS HID	USB HID	FW update	Display	
	mm	inch	mm	μm																							
142505158	0-550	0-22"	0,01	±20	Digital 7"LED 12Mp	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2000 val	•	•	•	•	•	Touchscreen 2.4"	
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		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•		•

- Bore calipers for bore reading without removing the bar
- Modification with **CONSTANT** Force module for high accuracy and repeatability
- Digital IP54 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))

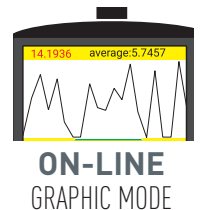


Item No	Range				Reso- lution	Accu- racy	Jaws			Max bore D	Roll system	Constant Force	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	Display		
	Internal		External				Down	Depth	Anvil D																					
	mm	inch	mm	inch																										
BORE DIGITAL CALIPER IP54																														
141851122	22-300	0.9-12"	0-300	0-6"	0,01	±40	40	50							•													Digital		
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							•															
BORE COMPUTERIZED CALIPER IP54																														
141851127	22-300	0.9-12"	0-300	0-6"	0,01	±30	40	50							•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val Long range / HID USB HID / Update Touchscreen 2.4"		
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 COMPUTERIZED CALIPER																														
141851037	20-300	0.9-12"	-		0,01	±20	100	60	10	180	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val Long range / HID USB HID / Update Touchscreen 2.4"		
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	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	

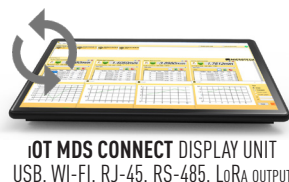
- Industry 4.0 adopted Tablet Force micron height gauge with computerized MICS system with 2.4" color Touchscreen
- Patents US10184772, UA144230, UA126928, UA99686, UA2022050400
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring 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	Display
	mm	inch	mm	µm	N																	
144303260	0-300	0-12"	0,01	±20	-	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	Touchscreen 2.4"
144305260	0-500	0-20"		±30		•	•	•	•	•	•	•	•	•	•	•	•	•				
144310260	0-1000	0-40"		±50		•	•	•	•	•	•	•	•	•	•	•	•	•				
144315260	0-1500	0-60"		±60		•	•	•	•	•	•	•	•	•	•	•	•	•				
144320260	0-2000	0-80"		±80		•	•	•	•	•	•	•	•	•	•	•	•	•				
TABLET FORCE HEIGHT GAUGE																						
144303263	0-300	0-12"	0,001	±15	1-20N	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	Touchscreen 2.4"
144303262		0-12"	±20	•		•	•	•	•	•	•	•	•	•	•	•	•					
144305262	0-500	0-20"	±20	•		•	•	•	•	•	•	•	•	•	•	•	•					
144310262	0-1000	0-40"	±40	•		•	•	•	•	•	•	•	•	•	•	•	•					
144315262	0-1500	0-60"	±60	•		•	•	•	•	•	•	•	•	•	•	•	•					
144320262	0-2000	0-80"	±70	•		•	•	•	•	•	•	•	•	•	•	•	•					



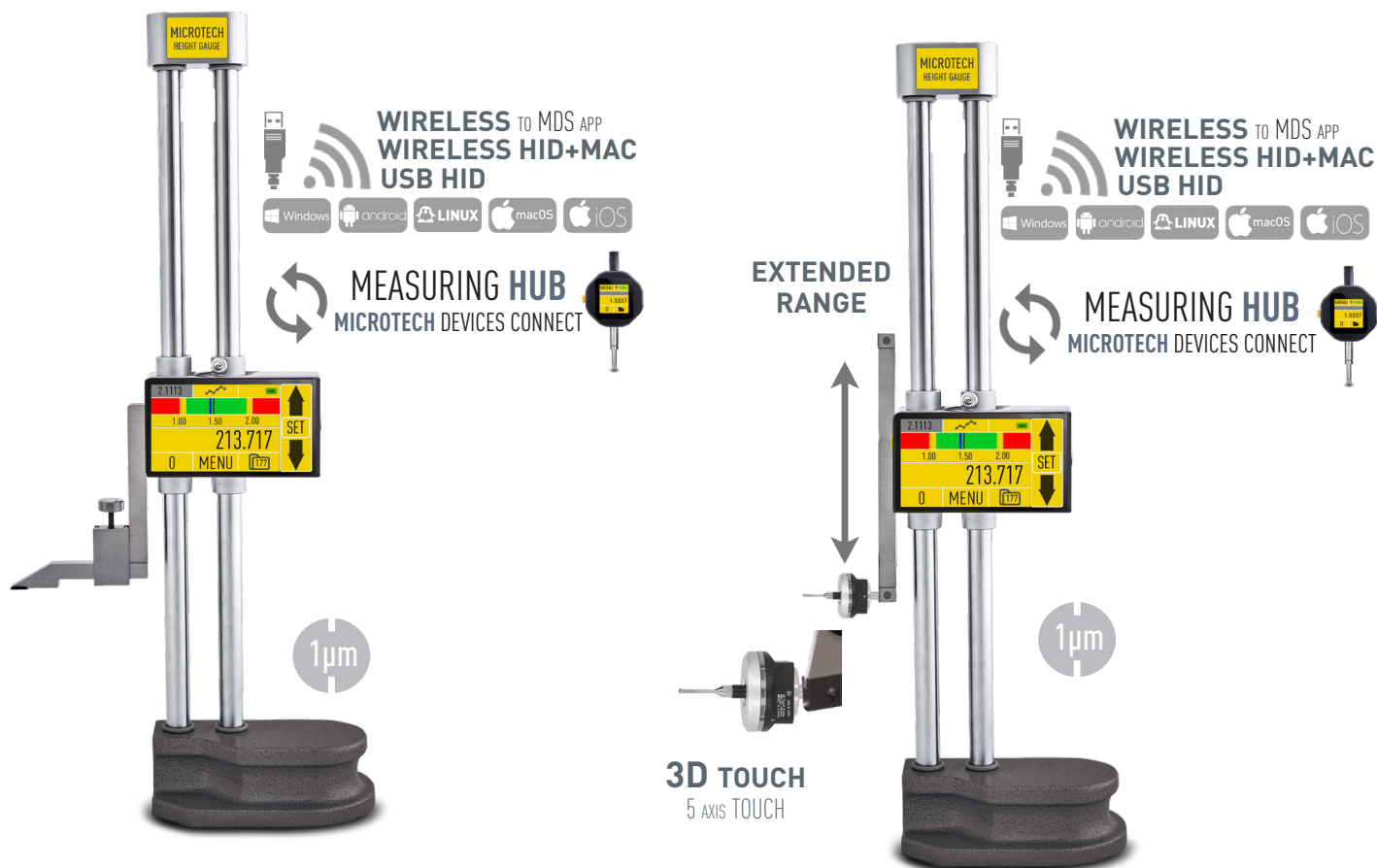
OPTIONAL ACCESSORIES



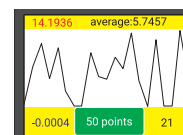
DOWNLOAD APP



- Industry 4.0 adopted Tablet double column micron height gauge with computerized MICS system with 3.5" color Touchscreen
- Modification with 5 way **Touch-trigger Probe** with interchangeable Stylus M2.5 (compatible with dial indicator extensions and anvils)
- 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))

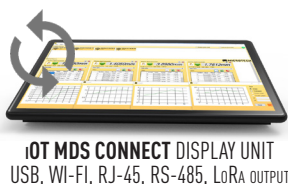


Item No	Range Z axis		Resolut.	Accur.	3D Touch Probe	2D connection	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	Display
	measuring	with extension																				
	mm	mm																				
144303271	0-300		0,001	±15		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
144306271	0-600			±20		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
TABLET MICRON HEIGHT GAUGE with 3D Touchprobe																						
144303281	20-320	20-500	0,001	±10	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
144306281	20-620	20-800		±15	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



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))



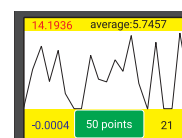
CONTACT 2D



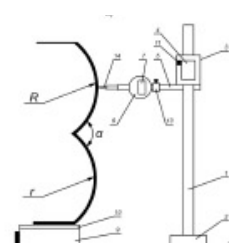
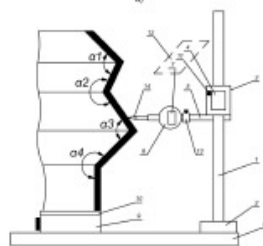
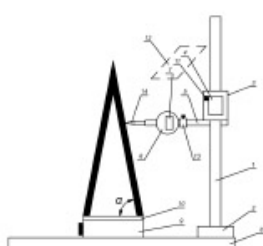
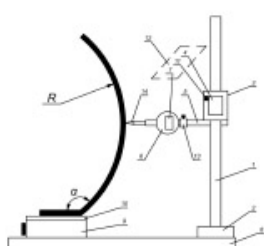
LASER SENSOR
±4x0.002 / ±20x0.01

NON-CONTACT 2D

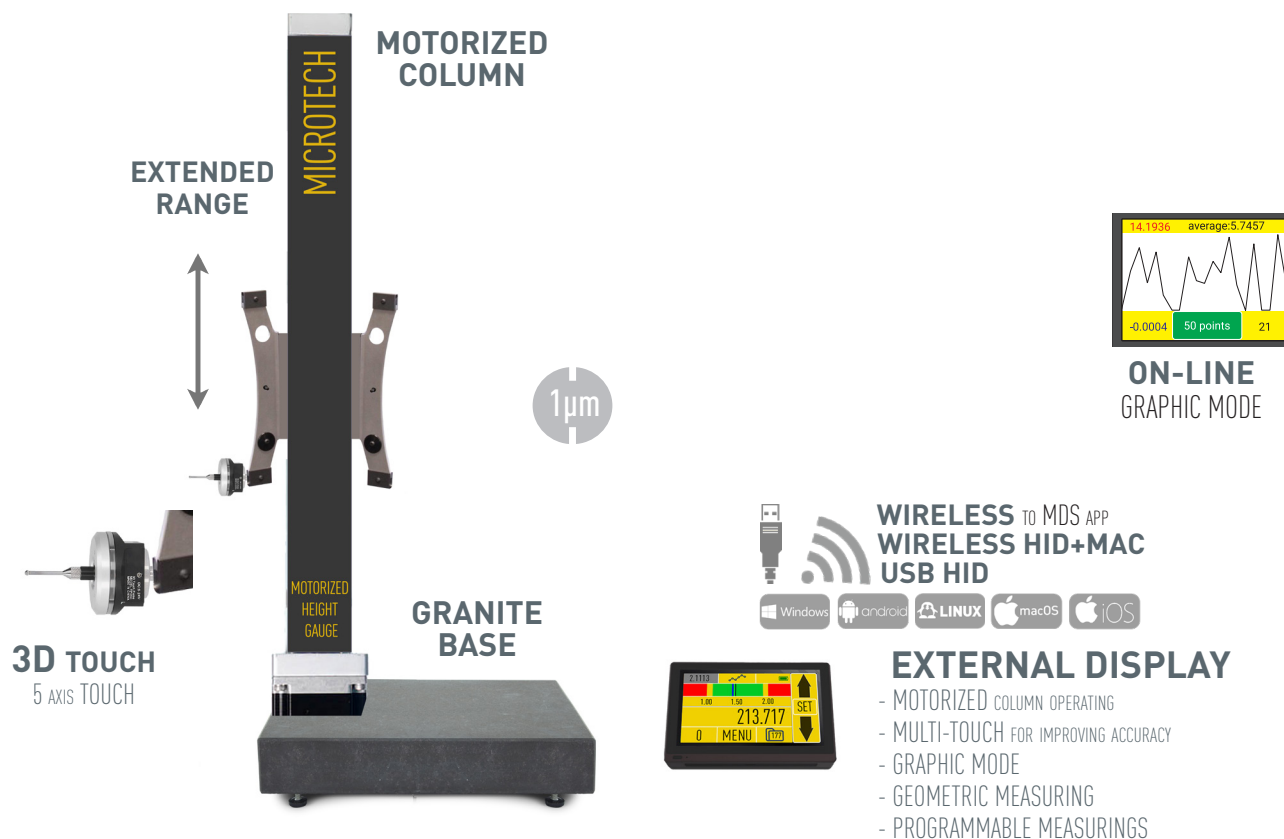
Item No	Range		Resolut.		Accur.	LASER sensor	2D connection	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Memory	WIRELESS	USB	Display
	Z	X	Z	X															
	mm	mm	mm	mm															
144303371	0-300	0-25	0,001	0,0001	±15		•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	Touchscreen 3.5"
144306371	0-600				±20	•	•	•	•	•	•	•	•	•	•				
2D TABLET HEIGHT GAUGE with LASER probe																			
144303391	0-300	±4	0,001	0,002	±15	•	•	•	•	•	•	•	•	•	•				
144303392		±20		0,010		•	•	•	•	•	•	•	•	•	•				
144306391	0-600	±4		0,002	±20	•	•	•	•	•	•	•	•	•	•				
144306392		±20		0,010		•	•	•	•	•	•	•	•	•	•				



ON-LINE
GRAPHIC MODE

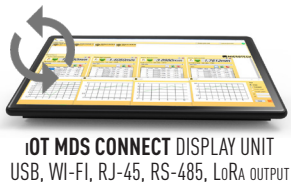


- Industry 4.0 adopted Motorized Tablet micron height gauge with computerized MICS system with 3.5" color Touchscreen
- Motorized column and Granite base
- 5 way **Touch-trigger Probe** with interchangeable Stylus M2.5 (compatible with dial indicator extensions and anvils)
- External display with motorized 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 Z axis		Resolut.	Accur.	Granite base	3D Touch Probe	2D connection	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	Display
	measuring	with extension																					
	mm	mm																					
144304277	20-420	20-700	0,001	±10	300x200	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
144307277	20-720	20-1000		±15	400x300	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
144311277	20-1020	20-1300		±20		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

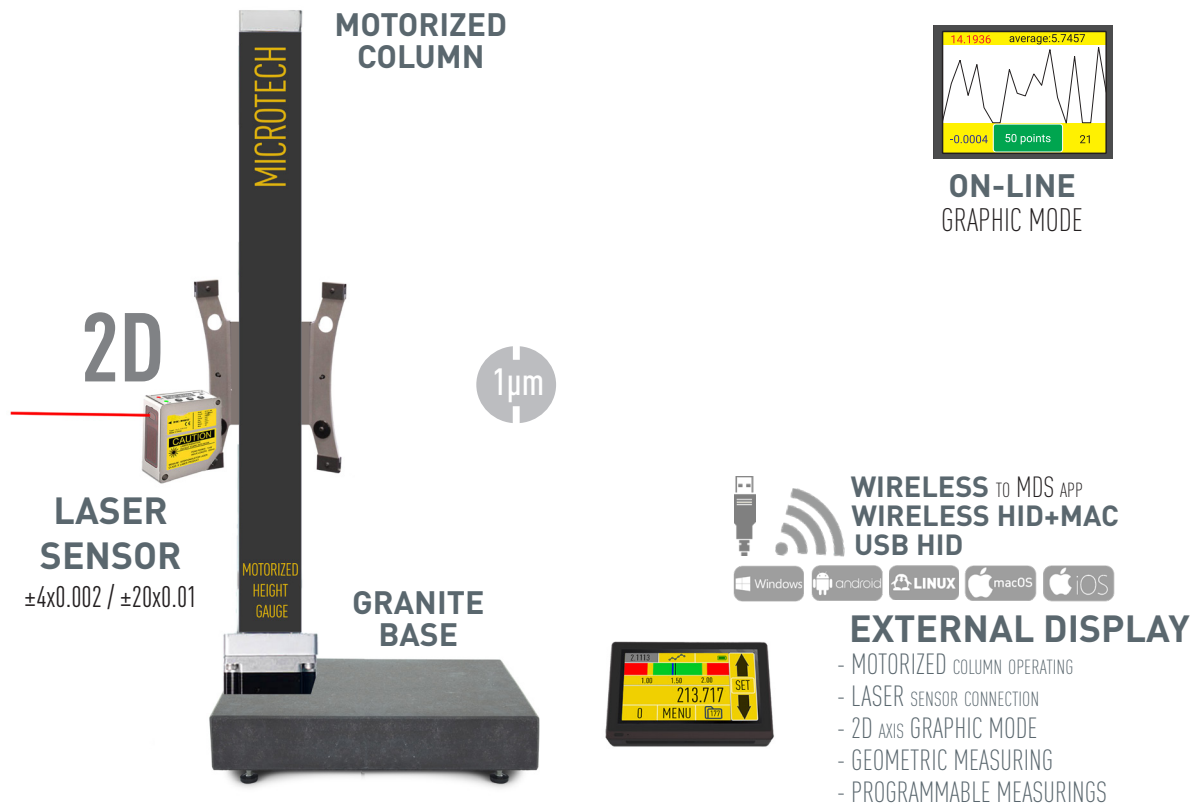
OPTIONAL ACCESSORIES



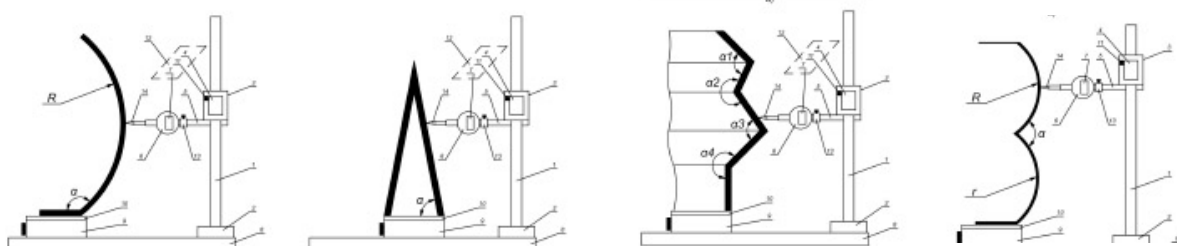
DOWNLOAD APP



- 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	Display
	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	Touchscreen 3.5"
144304398		±20		0,010		•	•	•	•	•	•	•	•	•	•	•				
144307397	0-700	±4		0,002	±15	•	•	•	•	•	•	•	•	•	•	•				
144307398		±20		0,010		•	•	•	•	•	•	•	•	•	•	•				
144311395	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))

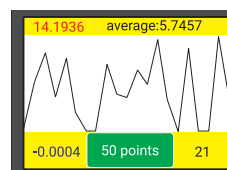
MEASURING HUB
MICROTECH DEVICES CONNECT



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



0,1µm



ON-LINE
GRAPHIC MODE

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	Display
	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	Wireless	USB	Touchscreen 2,4"
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																		

OPTIONAL ACCESSORIES



STANDARD MDS app
ACCESSORIES FOR DATA TRANSFER



IoT MDS CONNECT DISPLAY UNIT
MODBUS, WI-FI, RJ-45, LoRa OUTPUT

DOWNLOAD APP



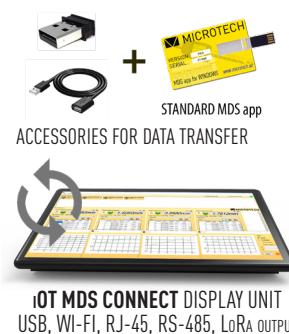
MADE IN UKRAINE

- 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		Resolution	Accuracy	Repeatability	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	Display
	mm	inch		µm	µm													
110180258	0-25	0-1"	0,0001	±1,5	0,5	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	Touchscreen 1,54"
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



LABORATORY BENCH TABLET MICROMETER



0,1µm

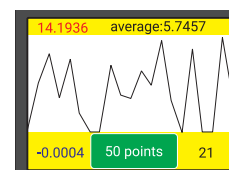
Item No	Range				Resol.	Accur.	Non-rotating	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	Display
	Stand		Micrometer head																				
	mm	inch	mm	inch																			
110180278	0-25	0-1"	0-25	0-1"	0,0001	±1.0	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders /	Long range	USB HID /	Touch 2.4"
110180288						±1.3	•	•	•	•	•	•	•	•	•	•	•	•	•				
110180578	0-50	0-2"	0-50	0-2"		±1.5	•	•	•	•	•	•	•	•	•	•	•	•	•				

- Industry 4.0 adopted sub-micron micrometer with computerized MICS system with 2,4" color Touchscreen
- **WIDE RANGE (40mm) with NON-ROTATING 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 (CNC machined solid block)
- 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	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	Display
	mm	mm	μm	μm																
110170409	0-40	0,0001	±2	0,5	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000	Long range /	USB HID /	Touch 2.4"
110170809	40-80		±3		•	•	•	•	•	•	•	•	•	•	•	•				
110171209	80-120		±3		•	•	•	•	•	•	•	•	•	•	•	•				
110171609	120-160		±4		•	•	•	•	•	•	•	•	•	•	•	•				
110172009	160-200		±4		•	•	•	•	•	•	•	•	•	•	•	•				

NON-ROTATING SUB-MICRON MICROMETER

MEASURING HUB
MICROTECH DEVICES CONNECT



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



0,1 μm

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	Display
	mm	inch	mm	μm	μm																
110170259	0-25	0-1"	0,0001	±1.5	0,5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110170509	25-50	1-2"		±2	0,5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

DOWNLOAD APP

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MADE IN UKRAINE

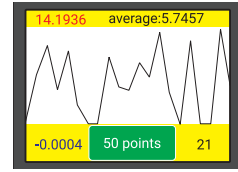
DOUBLE RANGE SUB-MICRON MICROMETER

MICROTECH

MEASURING HUB
MICROTECH DEVICES CONNECT



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



ON-LINE
GRAPHIC MODE

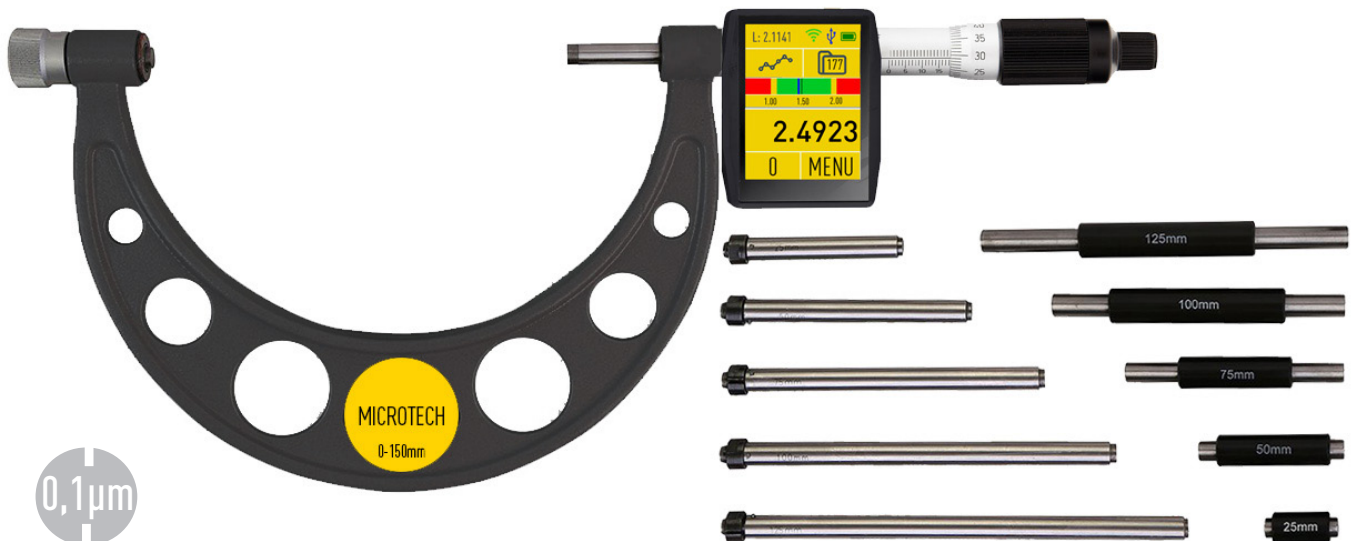
Item No	Range		Resolution	Accuracy	Repeat-ability	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	Display
	mm	inch																			
110180519	0-50	0-2"	0,0001	±2,5	0,5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110181019	50-100	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

MEASURING HUB
MICROTECH DEVICES CONNECT



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



Item No	Range		Micro-meter head range	Resolution	Accuracy	Repeatability	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	Display
	mm	inch																						
110181539	0-150	0-2"	25	0,0001	±3.5	1	5	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
110183039	150-300	2-4"			±4	1	5	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

MADE IN UKRAINE

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



PRECISION DIGITAL MICROMETER IP65

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"	TABLET micrometer - 4pcs;						
110181514	0-150	0-6"	TABLET micrometer - 6pcs;						
110182114	0-200	0-8"	TABLET micrometer - 8pcs;						
110183114	0-300	0-12"	TABLET micrometer - 12pcs;						
110184114	0-400	0-16"	TABLET micrometer - 14pcs;						

NON-ROTATING



NON-ROTATING DIGITAL MICROMETER IP65

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



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			•	•	•

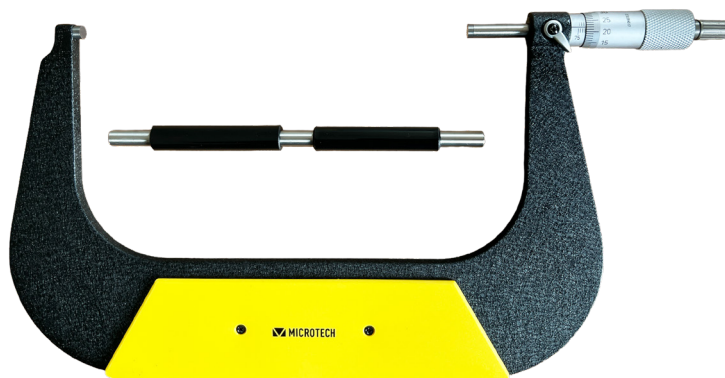
DIGITAL MICROMETER SET

110181124	0-100	0-4"	TABLET micrometer - 2pcs;						
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OUTSIDE MICROMETER

MICROTECH

- 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	Resolution	Accuracy	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

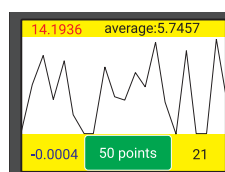
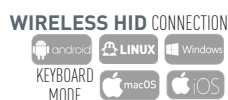
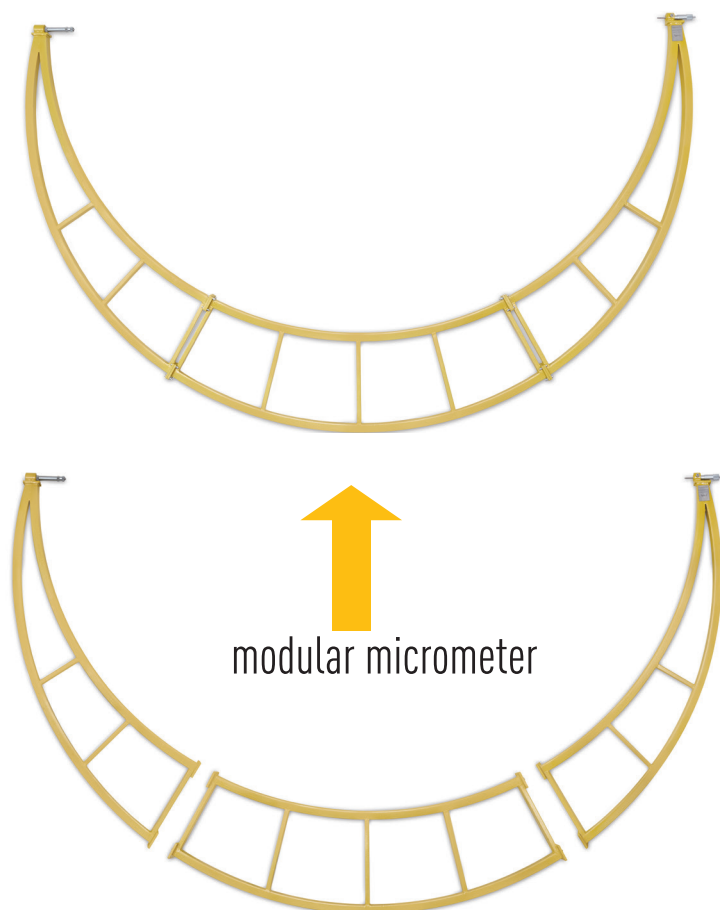
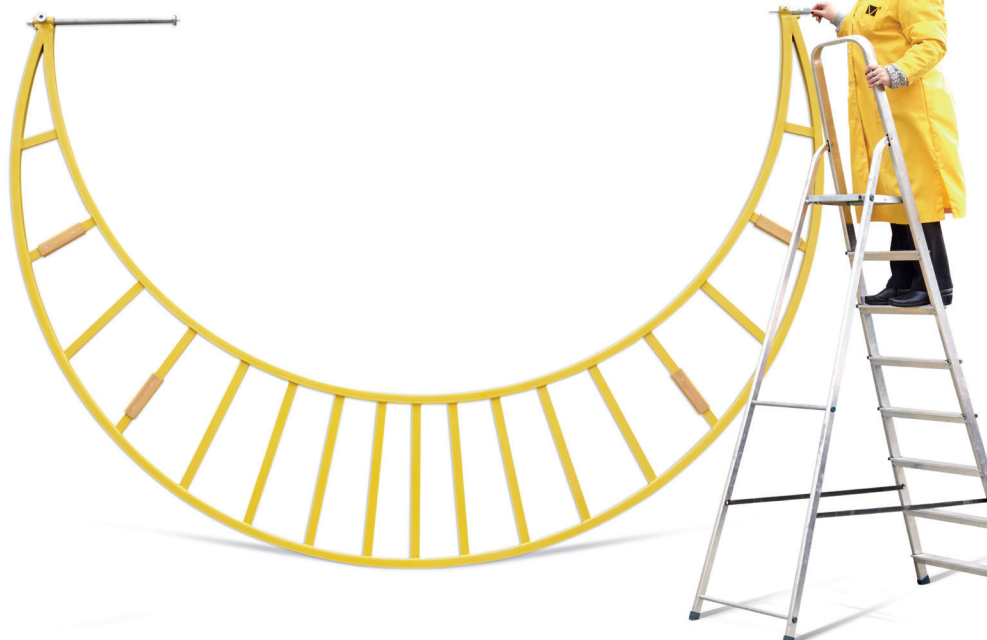
- High accuracy up to $\pm 2\mu\text{m}$ (in 2 times better than DIN 863-1)
- Friction thimble micrometer head
- 1 micron resolution
- **Calibration** certificate included (ISO17025 (Ilac MRA))



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 micrometer with Solid or Modular construction up to 10 m
- Patents UA108044, UA99686, UA2022050400
- Digital IP65 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 AND GAUGE CONFIGURATION FOR REQUEST



**ON-LINE
GRAPHIC MODE**

DOWNLOAD APP



MADE IN UKRAINE

Item No	Range		Resol.	Accuracy	Micrometer head range	Weight	Setting rod
	mm	inch	mm	μm	mm	kg	
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

COMPUTERIZED MICROMETER

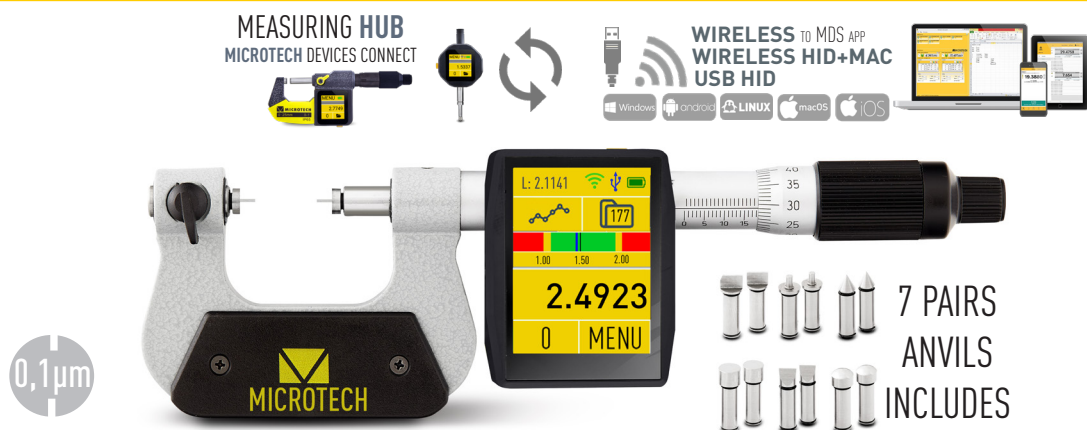
Item No	Range		Resol.	Accuracy	Micro-meter head range	Weight	Setting rod	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	2D Sync	Memory	WIRELESS	USB	Display
	mm	inch	mm	μm	mm	kg																		
110184008	300-400	12-15"	0,0001	±5	25	1,9	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	Touchscreen 2.4"
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	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	Touchscreen 2.4"
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	•	•	•	•	•	•	•	•	•	•	•	•	•	•				

MODULAR

COMPUTERIZED MICROMETER

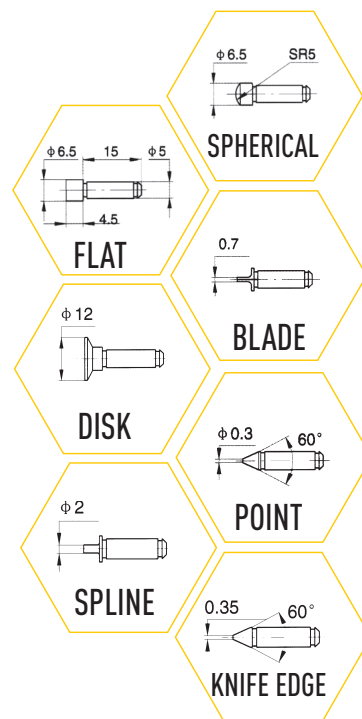
Item No	Range		Resol.	Accur.	Modules	Micro-meter head range	Weight	Setting rod	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	Display
	mm	inch	mm	μm		mm	kg																	
110160155	1000-1500	40-60"	0,0001	±28	2	50	18	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	Touchscreen 2.4"
110160205	1500-2000	60-80"		±32	2		22	•	•	•	•	•	•	•	•	•	•	•	•	•				
110160305	2000-3000	80-120"		±50	3		35	•	•	•	•	•	•	•	•	•	•	•	•	•				
110160405	3000-4000	120-160"		±60	4		47	•	•	•	•	•	•	•	•	•	•	•	•	•				
110160505	4000-5000	160-200"		±75	5		60	•	•	•	•	•	•	•	•	•	•	•	•	•				
110160605	5000-6000	200-240"		±90	6		79	•	•	•	•	•	•	•	•	•	•	•	•	•				
110160705	6000-7000	240-280"		±105	7		95	•	•	•	•	•	•	•	•	•	•	•	•	•				
110160805	7000-8000	280-320"		±120	8		115	•	•	•	•	•	•	•	•	•	•	•	•	•				
110160905	8000-9000	320-360"		±135	9		136	•	•	•	•	•	•	•	•	•	•	•	•	•				
110161005	9000-10000	360-400"		±150	10		160	•	•	•	•	•	•	•	•	•	•	•	•	•				

- 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))



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	Display
	mm	inch	mm	μ m																	
110750258	0-25	0-1"	0,0001	± 3	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val Long range / HID USB HID / Update Touchscreen 2.4"			
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	•	•	•	•	•	•	•	•	•	•	•	•	•				

7 PAIRS OF ANVILS



UNIVERSAL BENCH COMPUTERIZED MICROMETER

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	Display
	mm	inch	mm	μ m																
110750298	0-25	0-1"	0,0001	± 2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



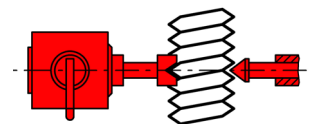
- Industry 4.0 adopted sub-micron Thread micrometer with computerized MICS system with 2.4" color Touchscreen
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 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))

NON-ROTATING



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

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	Display	
	mm	inch	mm	µm																				
THREAD COMPUTERIZED MICROMETERS WITH METRIC 60 ANVILS SET																								
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 COMPUTERIZED MICROMETERS WITH WHITWORTH 55 ANVILS SET																								
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	250-375	14-15"		±10		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110724008	375-400	15-16"		±10		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



OPTIONAL ACCESSORIES



ACCESSORIES FOR DATA TRANSFER



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

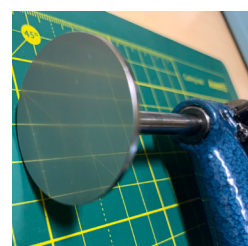
DOWNLOAD APP



- 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 and 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))



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	Display	
	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		•																
COMPUTERIZED MICROMETER DISK D 20mm																						
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		•	•	•	•	•	•	•	•	•	•	•	•	•	•			
COMPUTERIZED MICROMETER DISK D 35mm																						
110780257	0-25	0-1"	0,0001	±4	D 35	•	•	•	•	•	•	•	•	•	•	•	•					
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		•	•	•	•	•	•	•	•	•	•	•	•	•	•			



- 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	USB	Display	
	mm	inch	mm	μm																			
THREAD COMPUTERIZED MICROMETERS WITH METRIC 60 ANVILS SET																							
110740258	0-25	0-1"	0,0001	±3	OPTIONAL	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	Touchscreen 2.4"	
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		•	•	•	•	•	•	•	•	•	•	•	•	•					•

DOWNLOAD APP



BALL ANVILS

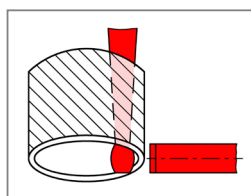
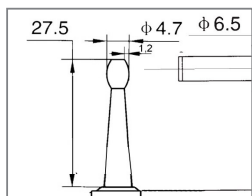
Item No	Ball dia	Module	Pitch
	mm		
110740001	1	0,6-0,65	45
110740002	1,5	0,9-1,0	28-26
110740003	2	1,25	22
110740004	2,5	1,5	17
110740005	3	1,75	15
110740006	3,5	2	13
110740007	4	2,25	11
110740008	4,5	2,5	10
110740009	5	2,75	9
110740010	6	3,5	7
110740100	Ball anvils SET 10 pcs 1-6mm		



OPTIONAL ACCESSORIES

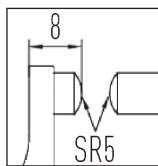
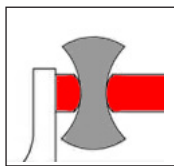
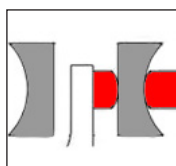


iOT MDS CONNECT DISPLAY UNIT
USB, WI-FI, RJ-45, RS-485, LoRa OUTPUT



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	Display		
	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																			
COMPUTERIZED TUBE MICROMETER																							
110350258	0-25	0-1"	0,0001	±2	Tube D 4.7	IP-65	•	•	•	•	•	•	•	•	•	•	•	2000 val	Long+ HID	USB HID	Touch 2.4"		
110350508	25-50	1-2"		±2			•	•	•	•	•	•	•	•	•	•	•					•	•
110350758	50-75	2-3"		±2.5			•	•	•	•	•	•	•	•	•	•	•					•	•
110351008	75-100	3-4"		±2.5			•	•	•	•	•	•	•	•	•	•	•					•	•

DOUBLE SPHERICAL MICROMETER



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	Display		
	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																			
COMPUTERIZED TUBE MICROMETER																							
110360258	0-25	0-1"	0,0001	±2	Sphere R 5mm	IP-65	•	•	•	•	•	•	•	•	•	•	•	2000 val	Long+ HID	USB HID	Touch 2.4"		
110360508	25-50	1-2"		±2			•	•	•	•	•	•	•	•	•	•	•					•	•
110360758	50-75	2-3"		±2.5			•	•	•	•	•	•	•	•	•	•	•					•	•
110361008	75-100	3-4"		±2.5			•	•	•	•	•	•	•	•	•	•	•					•	•

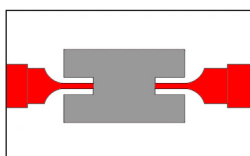
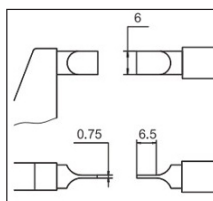
BLADE MICROMETER

MICROTECH

NON-ROTATING

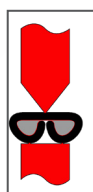


NON-ROTATING



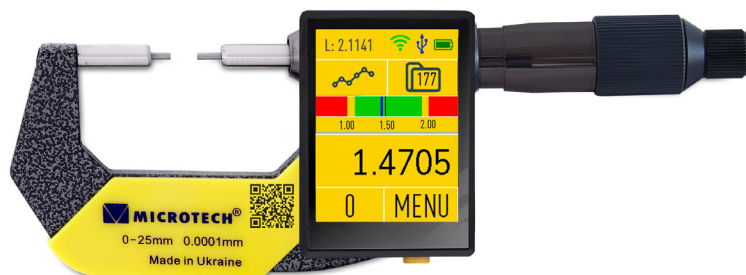
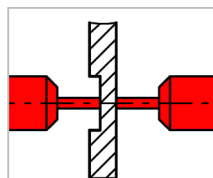
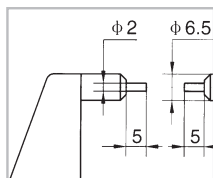
Item No	Range		Resolution	Accuracy	Anvils types	Proof	Preset	Analog scale	Graphic	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	Display		
	mm	inch	mm	µm																			
110660251	0-25	0-1"	0,001	±4	6,5x0,75mm	IP-65																	
110660501	25-50	1-2"		±4																			
110660751	50-75	2-3"		±5																			
110661001	75-100	3-4"		±5																			
COMPUTERIZED BLADE MICROMETER																							
110660258	0-25	0-1"	0,0001	±3	6,5x0,75mm	IP-65	•	•	•	•	•	•	•	•	•	•	•	2000 val	Long+ HID	USB HID	Touch 2.4"		
110660508	25-50	1-2"		±3			•	•	•	•	•	•	•	•	•	•	•					•	•
110660758	50-75	2-3"		±4			•	•	•	•	•	•	•	•	•	•	•					•	•
110661008	75-100	3-4"		±4			•	•	•	•	•	•	•	•	•	•	•					•	•

CABLE CRIMPING MICROMETER



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	Display
	mm	inch	mm	μm																	
110550251	0-20	0-0.8"	0,001	±4	Point & Blade 0.75x6.5	IP-65															
COMPUTERIZED CABLE CRIMPING MICROMETER																					
110550258	0-20	0-0.8"	0,0001	±3	Point & Blade 0.75x6.5	IP-65	•	•	•	•	•	•	•	•	•	•	•	2000 val	Long range	USB HID	Touch 2.4"

MADE IN UKRAINE

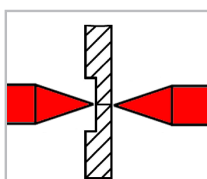
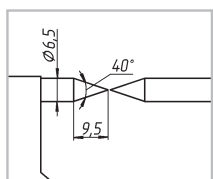


Item No	Range		Reso- lution	Accu- racy	Anvils types	Proof	Preset	Graphic	Analog scale	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	Display
	mm	inch	mm	μm																	
110650251	0-25	0-1"	0,001	± 4	D 2mm	IP-65															
110650501	25-50	1-2"		± 4																	
110650751	50-75	2-3"		± 5																	
110651001	75-100	3-4"		± 5																	

COMPUTERIZED SMALL TIP MICROMETER

110650258	0-25	0-1"	0,0001	± 3	D 2mm	IP-65	•	•	•	•	•	•	•	•	•	•	•	2000 val	Long+ HID	USB HID	Touch 2.4"
110650508	25-50	1-2"		± 3			•	•	•	•	•	•	•	•	•	•	•				
110650758	50-75	2-3"		± 4			•	•	•	•	•	•	•	•	•	•	•				
110651008	75-100	3-4"		± 4			•	•	•	•	•	•	•	•	•	•	•				

POINT MICROMETER

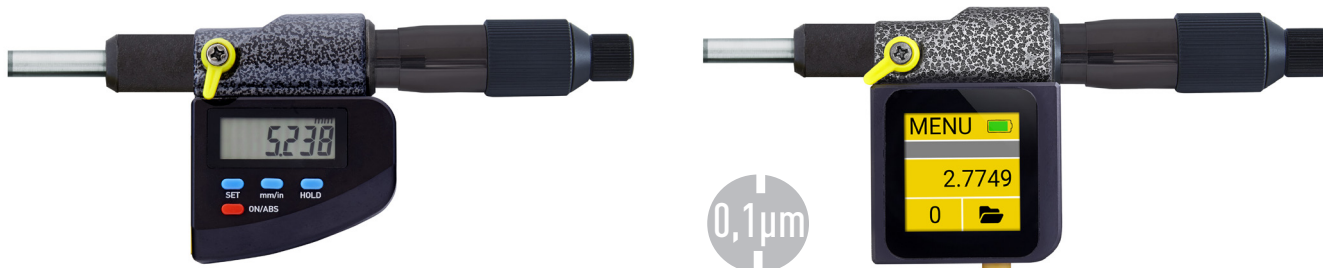


Item No	Range		Reso- lution	Accu- racy	Anvils types	Proof	Preset	Graphic	Analog scale	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	Display
	mm	inch	mm	μm																	
110450251	0-25	0-1"	0,001	± 4	Pointed	IP-65															
110450501	25-50	1-2"		± 4																	
110450751	50-75	2-3"		± 5																	
110451001	75-100	3-4"		± 5																	

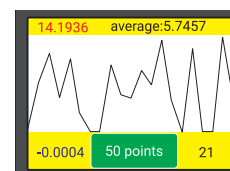
COMPUTERIZED POINT MICROMETER

110450258	0-25	0-1"	0,0001	± 3	Pointed	IP-65	•	•	•	•	•	•	•	•	•	•	•	2000 val	Long+ HID	USB HID	Touch 2.4"
110450508	25-50	1-2"		± 3			•	•	•	•	•	•	•	•	•	•	•				
110450758	50-75	2-3"		± 4			•	•	•	•	•	•	•	•	•	•	•				
110451008	75-100	3-4"		± 4			•	•	•	•	•	•	•	•	•	•	•				

- Digital IP65 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.
- Patents UA126928, UA99686
- Calibration certificate included (ISO17025 (Ilac MRA))



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

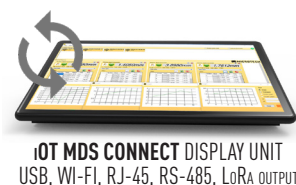


ON-LINE
GRAPHIC MODE

MEASURING HUB
MICROTECH DEVICES CONNECT

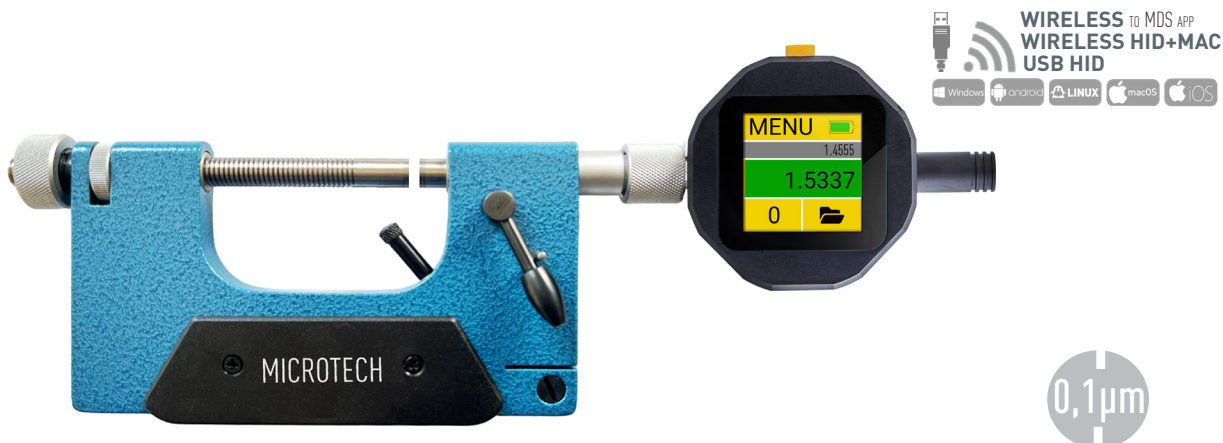
Item No	Range		Resol.	Accu- racy	NON-ROTATING	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	Display	
	mm	inch	mm	µm																		
DIGITAL MICROMETER IP65																						
110180020	0-25	0-1"	0.001	±2	•																	
110170020																						
110181050				±4																		
SUB-MICRON COMPUTERIZED MICROMETER IP65																						
110180027	0-25	0-1"	0,0001	±1.5	•				•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long+ HID	USB HID / Update	Touchscreen 15.6"	
110181027										•	•	•	•	•	•	•	•					•
110181057				±2.5						•	•	•	•	•	•	•	•					•
SUB-MICRON TABLET MICROMETER IP65																						
110180029	0-25	0-1"	0,0001	±1.5	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long+ HID	USB HID / Update	Touchscreen 2 1/2"	
110181029					•	•	•	•	•	•	•	•	•	•	•	•	•					•
110181059				±2.5		•	•	•	•	•	•	•	•	•	•	•	•					•

OPTIONAL ACCESSORIES



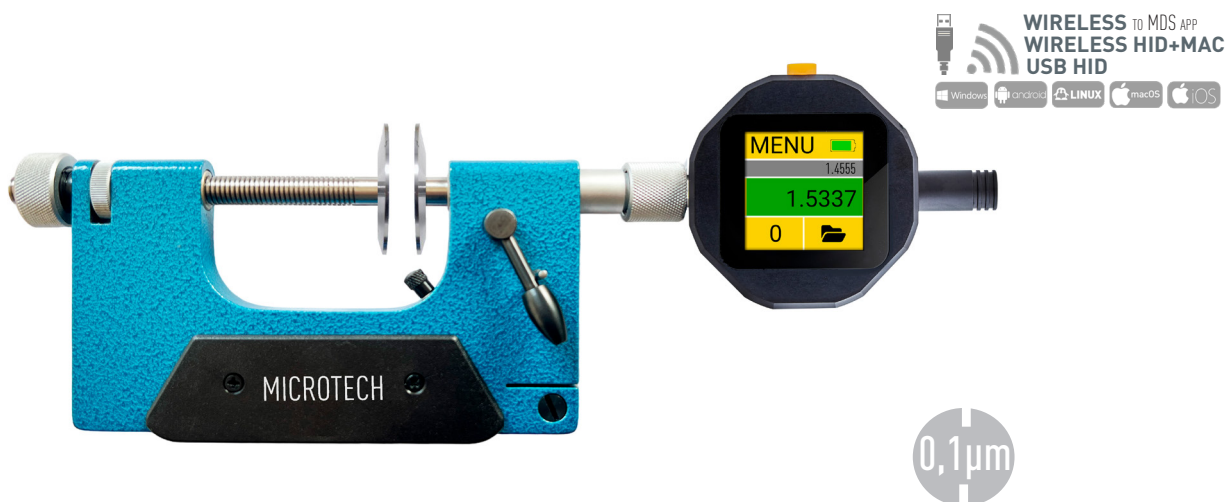
DOWNLOAD APP





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	18	D 8mm	3	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID
115051007	50-100	2-4"		±4	32			•	•	•	•	•	•	•	•	•			
115051507	100-150	4-6"		±4	62			•	•	•	•	•	•	•	•	•			
115052007	150-200	6-8"		±4	85			•	•	•	•	•	•	•	•	•			
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			•	•	•	•	•	•	•	•	•			

COMPUTERIZED DISK SNAP GAUGE



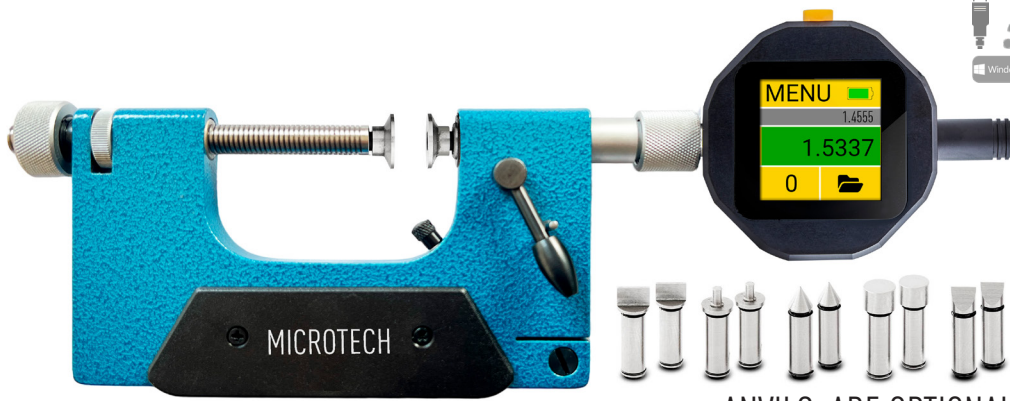
Item No	Range		Reso- lution	Accu- racy	Depth	Anvils type	Travel	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	μm	mm		mm												
115050517	0-50	0-2"	0,0001	±4	18	D 35mm	3	•	•	•	•	•	•	•	•	•	Folders / 2000	Long range	USB HID
115051017	50-100	2-4"		±4	32			•	•	•	•	•	•	•	•	•			
115051517	100-150	4-6"		±6	62			•	•	•	•	•	•	•	•	•			
115052017	150-200	6-8"		±7	85			•	•	•	•	•	•	•	•	•			



UNIVERSAL SNAP GAUGE

MICROTECH

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

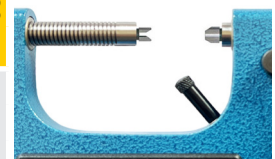


0,1µm



ANVILS ARE OPTIONAL

Item No	Range		Reso- lution	Accu- racy	Depth	Anvils	Travel	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	mm		mm												
115050477	0-40	0-2"	0,0001	±3	18	OPTIONAL	3	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID
115050977	40-90	2-4"		±4	32			•	•	•	•	•	•	•	•	•			
115051477	90-140	4-6"		±4	62			•	•	•	•	•	•	•	•	•			
115051977	140-190	6-8"		±4	85			•	•	•	•	•	•	•	•	•			
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			•	•	•	•	•	•	•	•	•			

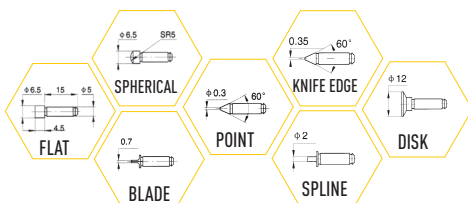


THREAD ANVILS



BALL ANVILS

UNIVERSAL ANVILS SET



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

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

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



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

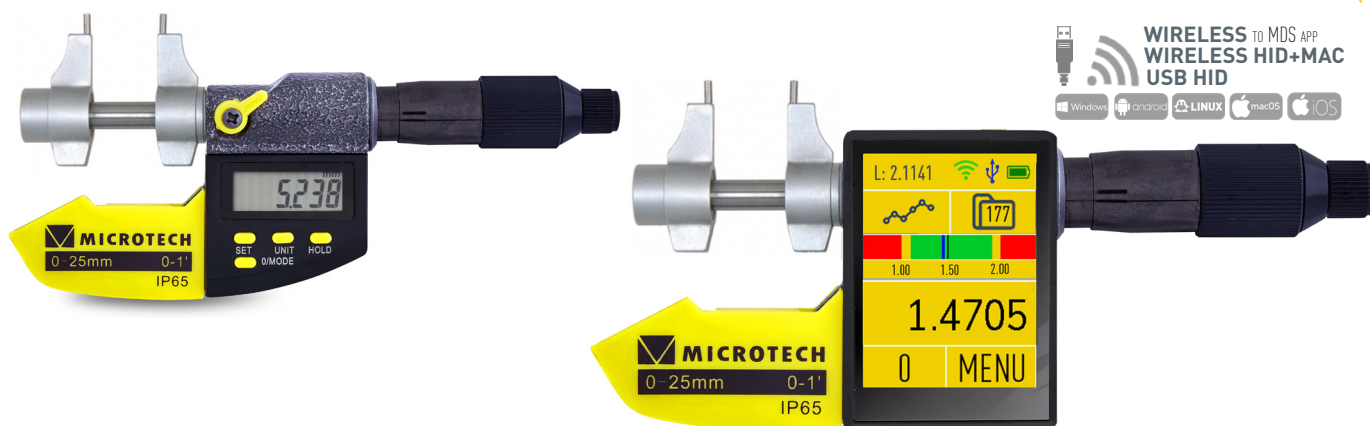
MADE IN UKRAINE

- Digital IP65 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))



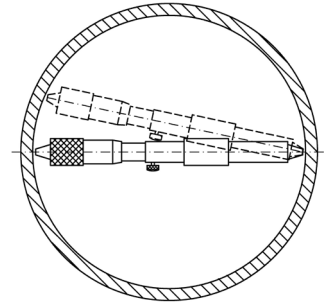
Item No	Range		Resolution	Accuracy	Base	Proof	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	Display	
	mm	inch																		mm
110900155	0-150	0-6"	0,001	±5	100	IP-65														
110900205	0-200	0-8"		±6																
110900305	0-300	0-12"		±8																
COMPUTERIZED DEPTH MICROMETER																				
110900158	0-150	0-6"	0,0001	±4	100	IP-65	•	•	•	•	•	•	•	•	•	2000 val	Long+ HID	USB HID	1.54"	
110900208	0-200	0-8"		±5			•	•	•	•	•	•	•	•	•					•
110900308	0-300	0-12"		±6			•	•	•	•	•	•	•	•	•					•

INSIDE MICROMETER



Item No	Range		Resolution	Accuracy	Anvils types	Setting ring	Proof	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	Display		
	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																		
COMPUTERIZED POINT MICROMETER																						
133800308	5-30	0.2-1.2"	0,0001	±4	D 2mm	•	IP-65	•	•	•	•	•	•	•	•	•	2000 val	Long+ HID	USB HID	Touch 2.4"		
133800508	25-50	1-2"		±4	R12mm	option		•	•	•	•	•	•	•	•	•					•	
133800758	50-75	2-3"		±4				•	•	•	•	•	•	•	•	•					•	•
133801008	75-100	3-4"		±4				•	•	•	•	•	•	•	•	•					•	•

- Tubular Inside micrometers with range up to 6m
- Digital IP65 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	Tube D	Extension rods	Proof	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	Display	
	mm	inch	mm	µm	mm	mm															
DIGITAL INSIDE MICROMETER IP65																					
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	25, 50 (2pcs), 100 (2pcs), 200 (2pcs) ,400 (8pcs)	•															
133800502	125-5000	5-200"		±70	33	25, 50 (2pcs), 100 (2pcs), 200 (3pcs) ,400 (10pcs)		•													
133800602	125-6000	5-240"	±80	25, 50 (2pcs), 100 (2pcs), 200 (4pcs) ,400 (12pcs)		•															
SUB-MICRON COMPUTERIZED TUBULAR INSIDE MICROMETER IP65																					
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	Touchscreen 1.54"	
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)		•	•	•	•	•	•	•	•	•					

- 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))



0,1μm



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	Display
	mm	inch	mm	μm	mm														
133700210	2-2,5	0.08-0.09"	0,0001	±3	12.5	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	Touchscreen 1,54"
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	option	•	•	•	•	•	•	•	•	•				
133750010	200-500	8-20"		±8	650		•	•	•	•	•	•	•	•	•				
133790011	200-1000	8-40"		±11	1150		•	•	•	•	•	•	•	•	•				

SET's

Item No	Range	Measuring heads	Setting rings	Max depth
	mm			mm
133700203	2-3	2 pcs	1pcs	12,5
13370306	3-6	3 pcs	3pcs	22,5
13370612	6-12	3 pcs	3pcs	50+100
13371220	12-20	2pcs	1pcs	80+150
13372050	20-50	4pcs	2pcs	90+150
13375090	50-100	2pcs	1pcs	107+150
133579125	100-250	2pcs	1pcs	107+150

EXTENSIONS

Item No	For Range	Length	Modules
	mm	mm	qty
133020100	20-30	1000	1
133020200		2000	1
133050100	30-50	1000	1
133050200		2000	1
133090050	50-1000	500	1
133090100		1000	1
133090200		2000	2
133090300		3000	3

DOWNLOAD APP



- Industry 4.0 adopted sub-micron Pistol grip bore gauge with computerized MICS system with 1,54" 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
- **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))

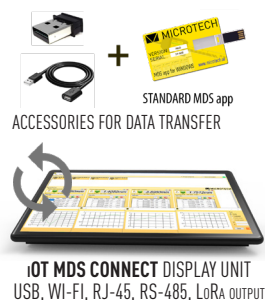


Item No	Range		Resol.	Accur.	Setting rings	Max depth	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	Display
	mm	inch	mm	μm		mm													
133500810	6-8	0.25-0.32"	0,0001	±3	•	50+100	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	Touchscreen 1,54"
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	•	•	•	•	•	•	•	•	•				
135303010	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	•	•	•	•	•	•	•	•	•				

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	

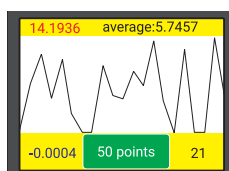
OPTIONAL ACCESSORIES



DOWNLOAD APP



- 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**



MEASURING HUB
MICROTECH DEVICES CONNECT

DOWNLOAD APP



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	Display				
	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 Touchscreen 2,4"							
120139137				±2,0			•	•	•	•	•	•	•	•	•	•	•	•	•	•				•	•			
120139138				±1,6			•	•	•	•	•	•	•	•	•	•	•	•	•	•				•	•			
120139139				±1,2			•	•	•	•	•	•	•	•	•	•	•	•	•	•				•	•			
120139257	0-25,4	0-1"		±3,0		0,7-1.2	•	•	•	•	•	•	•	•	•	•	•	•	•	•				•				
120139258				±2,0			•	•	•	•	•	•	•	•	•	•	•	•	•	•				•				
120139259				±1,6			•	•	•	•	•	•	•	•	•	•	•	•	•	•				•				
120139505	0-50,8	0-2"		±5,0		1,2-2,2	•	•	•	•	•	•	•	•	•	•	•	•	•	•				•				
120139508				±3,0			•	•	•	•	•	•	•	•	•	•	•	•	•	•				•				
120139509				±2,0			•	•	•	•	•	•	•	•	•	•	•	•	•	•				•				
120139905	0-100	0-4"		±7,0		3.2-5.2	•	•	•	•	•	•	•	•	•	•	•	•	•	•				•				
120139907				±5,0			•	•	•	•	•	•	•	•	•	•	•	•	•	•				•				
120139908				±3,0			•	•	•	•	•	•	•	•	•	•	•	•	•	•				•				•
120139503	0-150	0-6"		±9,0			•	•	•	•	•	•	•	•	•	•	•	•	•	•				•				
120139505				±7,0			•	•	•	•	•	•	•	•	•	•	•	•	•	•				•				•
120139507				±5,0			•	•	•	•	•	•	•	•	•	•	•	•	•	•				•				•

MODBUS PLC INDICATOR

Modbus
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	Display
	mm	inch	mm	µm	µm	N																			
120139137M	0-12,5	0-0,5"	0,0001	±2,0	0,5	0,6-1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Touch 2,4"
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



0,1µm

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



MEASURING HUB
MICROTECH DEVICES CONNECT

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	Display
	mm	inch	mm	µm	µm	N																		
120139137R	0-12,5	0-0,5"	0,0001	±2,0	0,5	0,6-1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Touch 2,4"
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	Display
	mm	inch	mm	µm	m																		
120129137L	0-12,5	0-0,5"	0,0001	±2	2 (option up to 10m)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Touchscreen 2,4"
120129258L	0-25,4	0-1"		±2		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
120129508L	0-50,8	0-2"		±3		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
120129907L	0-100	0-4"		±5		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	



MADE IN UKRAINE

- **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))



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

DOWNLOAD APP



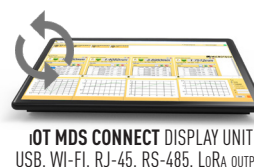
0,1μm

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	Display				
	mm	inch	mm	µm	µm	N																		
120129133	0-13	0-0,5"	0,0001	±5		0,6-1	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	Touchscreen 1,54"				
120129135				±3			•	•	•	•	•	•	•	•	•	•								
120129137				±2			•	•	•	•	•	•	•	•	•	•								
120129138				±1.6			•	•	•	•	•	•	•	•	•	•								
120129252	0-25,4	0-1"		±7	0,5	0,7-1.2	•	•	•	•	•	•	•	•	•	•								
120129253				±5			•	•	•	•	•	•	•	•	•	•								
120129257				±3			•	•	•	•	•	•	•	•	•	•								
120129258				±2			•	•	•	•	•	•	•	•	•	•								
120129503	0-50,8	0-2"		±10		1,2-2,2	•	•	•	•	•	•	•	•	•	•								
120129504				±6			•	•	•	•	•	•	•	•	•	•								
120129507				±4			•	•	•	•	•	•	•	•	•	•								
120129508				±3			•	•	•	•	•	•	•	•	•	•								

OPTIONAL ACCESSORIES



ACCESSORIES FOR DATA TRANSFER



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



MAGNETIC STANDS

DIAL COMPARATOR

- **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))



0,1μm

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												
120120280	0.03	0,001	±0.3	1.8-2.2	28	analog comparator											
120120288		0,0001	±0.5			•	•	•	•	•	•	•	•	•	•	•	•

DIGITAL INDICATOR IP65

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

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			0,001	0.00005"	±6			•	•	•	•
120125133					±4			•	•	•	•
120125134					±3			•	•	•	•
120125135					±2			•	•	•	•
120125250	0-25,4	0-1"	0,01	0.0005"	±20	0.7-1.2		•	•	•	•
120125251			0,001	0.00005"	±10			•	•	•	•
120125252					±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

DIAL INDICATOR

- 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			•	•		



- 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))

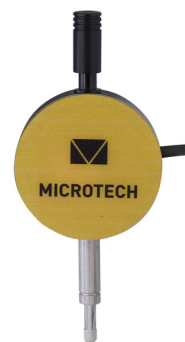


Item No	INPUT CONNECTION			Data output			Memory	Display	Battery	Footswitch
	INDUCTIVE PROBES	CAPACITIVE PROBES	WIRELESS	MODBUS	WIRELESS	USB				
299999010	1	-	max 4	option	Wireless to MDS, Wireless HID Wireless HID+MAC	USB HID	Folders 2000 vol Statistics	2.4"	Recharge Li-Pol	option
299999012	2	-								
299999014	4	-						Touch 3.5"		
299999024	-	4								



CAPACITIVE LINEAR PROBES

Item No	Range		Resol.	Accu- racy	Hyste- resis	Force	Cable lenght	Clamping	Output socket
	mm	inch							
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			
120129507P	0-150	0-6"		±7					



INDUCTIVE LINEAR PROBES

INDUCTIVE LINEAR PROBES

- 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	Measu- ring Force	Cable length	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	Color Display
	mm	inch	mm	µm	mm	N	m														
120129018					12,8		Built-in	•	•	•	•	•	•	•	•	•	•	•	•	•	•
120129013	-0.8	-0.03"	0,0001	±5	35,7	0,1-0,18	Built-in	•	•	•	•	•	•	•	•	•	•	•	•	•	•
120129019L	+0.8	+0.03"			12,8		2	•	•	•	•	•	•	•	•	•	•	•	•	•	•
120129019L10					12,8		10	•	•	•	•	•	•	•	•	•	•	•	•	•	•

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	Reso- lution	Repea- bility	Dial face	Accu- racy	Probe	Measuring Force	Scale Diameter
	mm	mm	mm		µm	mm	N	mm
120131080	0-0.8	0,01	3	40-0-40	±10	12,8	0,1-0,18	32
120131020	0-0.2	0,002	1,5	100-0-100	±6	12,8		40





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	100	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			3,5

FLEXIBLE

MAGNETIC STAND

Item No	Magnetic force	Base	Length	Clamp hole D	Weight
	kgf	mm	mm	mm	kg
161108800	80	50x60x55	320	6/8	1,4
161113800	130	50x120x55			3,5

HARDENED

MAGNETIC STAND

- 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		•

FILM THICKNESS GAUGES

MICROTECH

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

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	

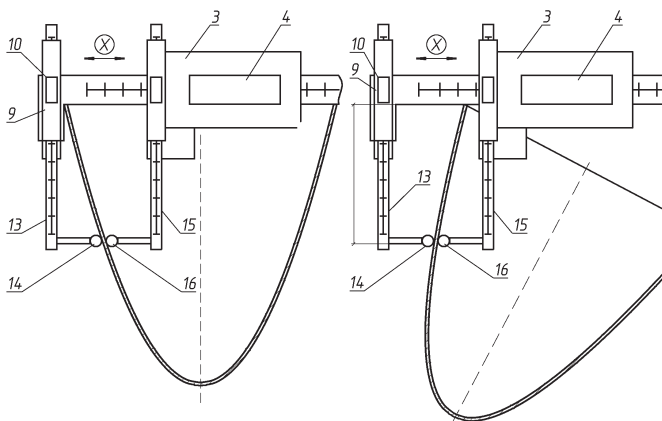


CONSTANT PREASSURE THICKNESS GAUGES

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	



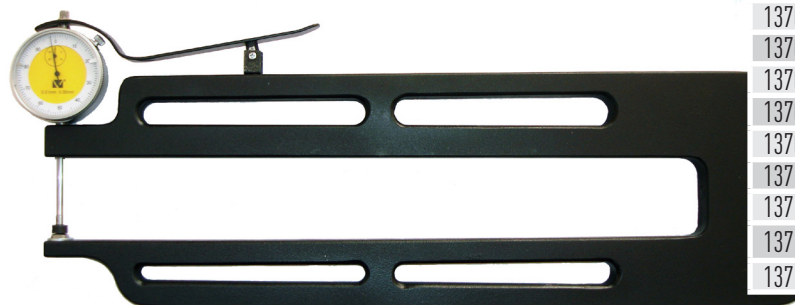
2D THICKNESS GAUGE



- 2D Thickness gauge for deep and complex shapes measuring. Control Z (jaws depth) and X (depth and range) axes

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



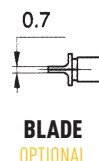
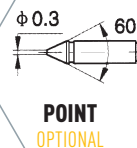
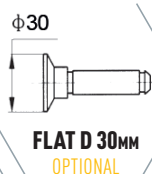
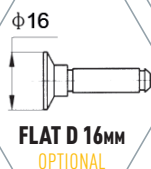
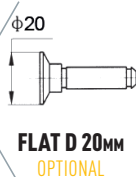
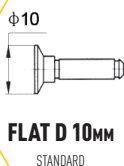
Item No	Range	Reso- lution	Accuracy	Depth	Contact points D	
					Standard	Optional
	mm	mm	μm	mm	mm	mm
137001021	0-1	0.001	±5	25	6,35	Flat d 12, 16, 20, 25, 30, 35, 40 Point D 0.3 Blade 0.7
137010121	0-10	0.01	±30	120	10	
137020121	0-20		±40	120		
137025201	0-25		±40	200		
137025401			±50	400		
137050201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

DIGITAL THICKNESS GAUGES



Item No	Range	Reso- lution	Accuracy	Depth	Contact points D	
					Standard	Optional
		mm	mm	µm	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		

CONTACT POINTS



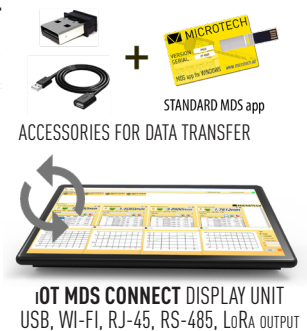
- Industry 4.0 adopted sub-micron Computerized thickness gauge with range up to 150mm and depth up to 800mm
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- Memory manager: 2000 values, Folders system, Statistics mode, 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	Accuracy	Depth	Contact points D		Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	Display
					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	USB HID / Update firmware	Touchscreen 1.54"
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	•		•	•	•	•	•	•	•	•	•	•				

OPTIONAL ACCESSORIES

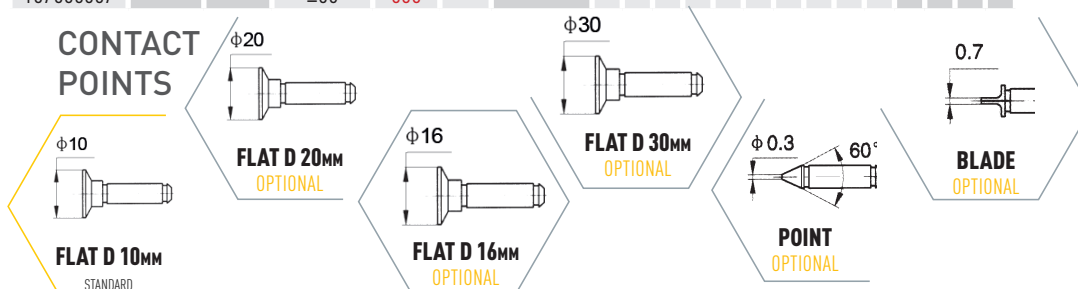


IoT MDS CONNECT DISPLAY UNIT
USB, WI-FI, RJ-45, RS-485, LoRa OUTPUT

DOWNLOAD APP



CONTACT POINTS





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	plastic, film and sheeting				0,01		D10	0,785	1,76±0,35	22±5

SOFT MATERIALS THICKNESS GAUGE WITH TIMER

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

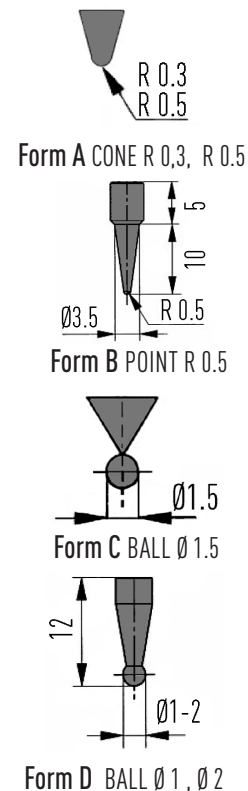


0,1µm



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 5±0,04	0,51 / 2,55 2±0,02	60
137331264	EN 964-1	geotextiles	0-25		0,01-0,015	150x100	D56,42	25	50±0,4 500±4	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

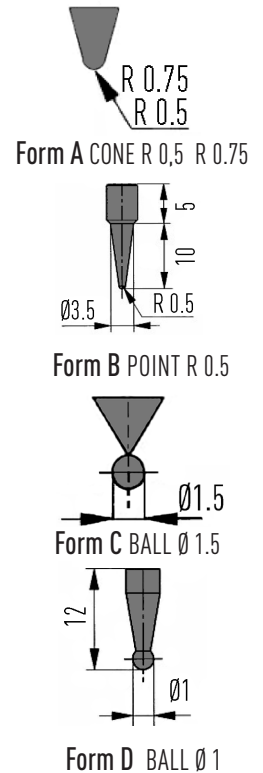
- Industry 4.0 adopted Internal caliper gauge with computerized MICS system with 1,54" color Touchscreen
- **MODIFICATIONS of contacts:** CONE (R0.3/R0.5), POINT (R0.5), BALL (Ø1, Ø1.5, Ø2)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, 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	Display	
	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	•	•	•	•	•	•	•	•	•	•	•	•	•	•	

Folders / 2000 val
Long range / HID
USB HID / Update
Touchscreen 1,54"

- 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	Display	
	mm	mm	mm	mm	mm	mm	mm	mm	µm															
INTERNAL COMPUTERIZED CALIPER GAUGE CONE contact (Form A)																								
134201005	0-10	10	40	3	8	Cone R 0,5	0,0005	0,003	±10	•	•	•	•	•	•	•	•	•	•					
134202005	0-20	20	80	6,5	25	Cone R 0,75	0,001	0,005	±15	•	•	•	•	•	•	•	•	•	•					
134204005	20-40	20	80	6,5	25			0,005	±15	•	•	•	•	•	•	•	•	•	•	•				
134206005	40-60	20	80	6,5	25			0,005	±15	•	•	•	•	•	•	•	•	•	•	•				
INTERNAL COMPUTERIZED CALIPER GAUGE POINT contact (Form B)																								
134202025	0-20	20	80	6,5	25	Point R 0.5	0,001	0,005	±20	•	•	•	•	•	•	•	•	•	•					
134204025	20-40	20	80	6,5	25			0,005	±20	•	•	•	•	•	•	•	•	•	•	•				
134206025	40-60	20	80	6,5	25			0,005	±25	•	•	•	•	•	•	•	•	•	•	•				
INTERNAL 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	•	•	•	•	•	•	•	•	•	•					
INTERNAL COMPUTERIZED CALIPER GAUGE BALL contact (Form D)																								
134202045	0-20	20	80	6,5	25	Ball Ø 1	0,001	0,005	±20	•	•	•	•	•	•	•	•	•	•					
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	•	•	•	•	•	•	•	•	•	•					
INTERNAL COMPUTERIZED CALIPER GAUGE INTERCHANGEABLE BALL contact (Form D)																								
134206075	0-60	20	80	6,5	variable	Ball Ø 1	0,001	0,01	±30	•	•	•	•	•	•	•	•	•	•					
134210075	40-100	20	80	6,5	variable			0,03	±40	•	•	•	•	•	•	•	•	•	•	•				

Folders / 2000 val
Long range / HID
USB HID / Update
Touchscreen 1,54"



Item No	Range	Depth	Reso- lution	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
BORE GAUGES SETS				
132160105	18-160		0.01	±15
132450105	18-450			±22
132990105	6-1000			±30

UP TO
2000MM
DEPTH

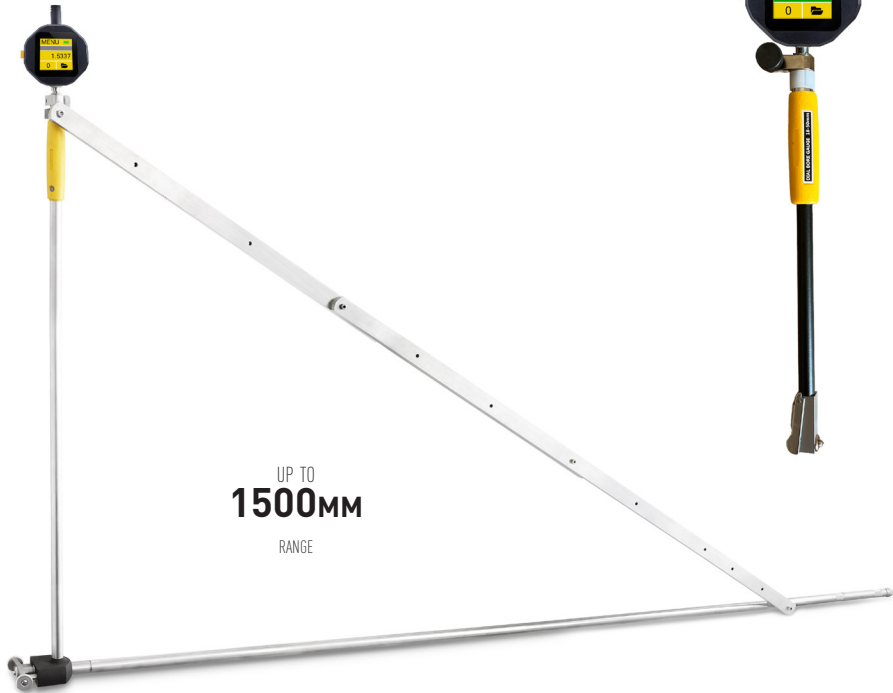


DIGITAL BORE GAUGES WITH CARBIDE CONTACTS

Item No	Range	Depth	Resolution	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	●	●

- 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 (Ilac MRA))

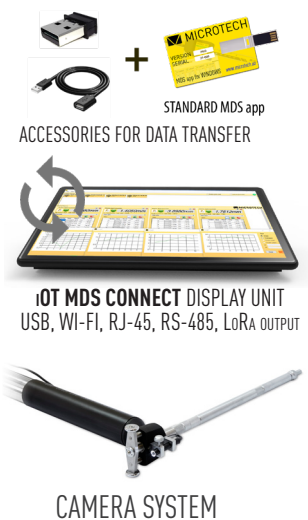
WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



CUSTOM RANGE AND DEPTH FOR REQUEST

Item No	Range	Depth	Reso- lution	Accu- racy	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	Display	
	mm	mm	mm	µm															
132010700	6-10	60	0.0001	±3	●	●	●	●	●	●	●	●	●	●	Folders / 2000 val	Long range / HID	USB HID / Update firmware	Touchscreen 1.54"	
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



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		Accu- racy (Hori- zontal)	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	Display	CAMERA					
				length	qty																							
	mm	mm	mm	mm	pcs	µm																						
131050745	35-50	0,0001	3000	1500	2	±12	option	option	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update firmware	Touchscreen 1,54"	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	105-260		5000	1700	3	±28	•	•	•	•	•	•	•	•	•	•	•											
131260770			7000	1750	4	±31	•	•	•	•	•	•	•	•	•	•	•											
131260795			10000	2000	5	±35	•	•	•	•	•	•	•	•	•	•	•											
131450745	250-450		3000	1500	2	±17	option	option	•	•	•	•	•	•	•	•	•	•						Folders / 2000 val	Long range / HID	USB HID / Update firmware	Touchscreen 1,54"	optional
131450755			5000	1700	3	±20			•	•	•	•	•	•	•	•	•	•										
131450750			5000	1700	3	±30			•	•	•	•	•	•	•	•	•	•										
131450770			7000	1750	4	±33			•	•	•	•	•	•	•	•	•	•										
131450795			10000	2000	5	±37	•	•	•	•	•	•	•	•	•	•												
131900745			400-1000	3000	1500	2	±25	option	option	•	•	•	•	•	•	•	•	•										
131900755	5000			1700	3	±30	•			•	•	•	•	•	•	•	•	•										
131990750	5000			1700	3	±35	•			•	•	•	•	•	•	•	•	•										
131990770	7000			1750	4	±40	•			•	•	•	•	•	•	•	•	•										
131990795	10000			2000	5	±45	•	•	•	•	•	•	•	•	•	•												

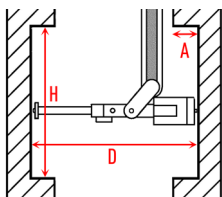
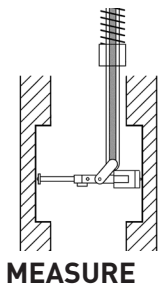
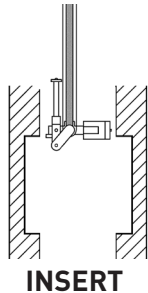
OPTIONAL ACCESSORIES



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))

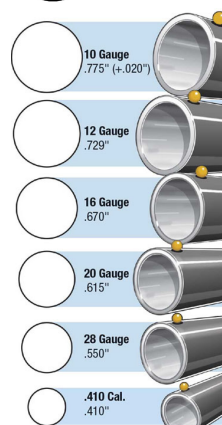
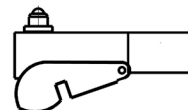


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CUSTOM RANGE AND DEPTH FOR REQUEST

Item No*	Range D	Max A	Min H	MaxH	DIGITAL	COMPUTERIZED																
					resolution	resolution	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	Display		
					1 μm *X - 8	0.1 μm *X - 7																
	Accuracy	Accur.																				
mm			mm	μm	μm																	
139160X00	70-160	20	D-30	150	±15	±12	●	●	●	●	●	●	●	●	●	●	Folders / 2000 val	Long range / HID	USB HID / Update firmware	Touchscreen 1,54"		
139160X11				1000	±25	±20	●	●	●	●	●	●	●	●	●	●						
139160X22				2000	±30	±25	●	●	●	●	●	●	●	●	●	●						
139160X33				3000	±35	±30	●	●	●	●	●	●	●	●	●	●						
139250X00	160-250			150	±15	±12	●	●	●	●	●	●	●	●	●	●						
139250X11				1000	±25	±20	●	●	●	●	●	●	●	●	●	●						
139250X22				2000	±30	±25	●	●	●	●	●	●	●	●	●	●						
139250X33				3000	±35	±30	●	●	●	●	●	●	●	●	●	●						
139450X00	250-450			150	±15	±12	●	●	●	●	●	●	●	●	●	●					●	
139450X11				1000	±25	±20	●	●	●	●	●	●	●	●	●	●					●	
139450X22				2000	±30	±25	●	●	●	●	●	●	●	●	●	●					●	
139450X33				3000	±35	±30	●	●	●	●	●	●	●	●	●	●					●	
139550X00	250-550					380	±25	±20	●	●	●	●	●	●	●	●					●	
139780X00	480-780	60	100+0,3*D	400	±30	±25	●	●	●	●	●	●	●	●	●							
139910X00	720-1020			400	±35	±30	●	●	●	●	●	●	●	●	●	●						



Item No	Range			Reso- lution	Max Depth	Accu- racy	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	Display
	Caliber	mm	inch																	
138070007	0.410	10.2-10,6	0,410"	0,0001	760	±12	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update firmware	Touchscreen 1,54"
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	•	•	•	•	•	•	•	•	•	•				

BIG BURELL BORE GAUGES



Item No	Range		Reso- lution	Max Depth	Lunet set	Depth scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	Display	
	Caliber	mm																			mm
138006007	60	59,3-60,7	0,0001	1200	option	50	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	Touchscreen 1,54"	
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		•	•	•	•	•	•	•	•	•	•					
							•	•	•	•	•	•	•	•	•	•					

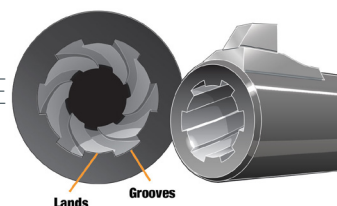


LUNET SET

GUN BURREL BORE GAUGES



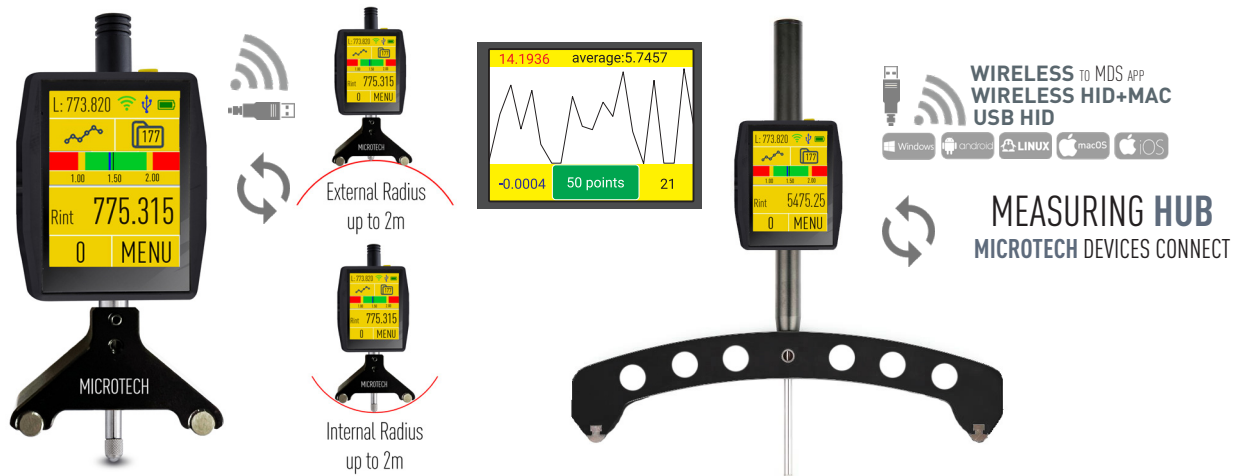
GUN BURREL BORE GAUGE SET FOR MEASURING RIFFLE
GUNS DIAMETER OF GROOVES AND LANDS



Item No	Caliber	Type	Range		Reso- lution	Max Depth	Accu- racy	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	Display
			LAND	GROOVES																	
	mm		mm	mm			μm														
138076207	7.62	LANDS	7.60-7.64	-	0,0001	500	12	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update firmware	Touchscreen 1,54"
138076227		GROOVES	-	7.90-7.94			12	•	•	•	•	•	•	•	•	•	•				
138076257		SET (L+G)	7.60-7.64	7.90-7.94			12	•	•	•	•	•	•	•	•	•	•				
138126307	12.63	LANDS	12.60-12.66	-		750	12	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update firmware	Touchscreen 1,54"
138126327		GROOVES	-	12.90-12.96			12	•	•	•	•	•	•	•	•	•	•				
138126357		SET (L+G)	12.60-12.66	12.90-12.96			12	•	•	•	•	•	•	•	•	•	•				



- Radius gauges for external & internal measurements
- 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	Radius		Type	Resol.	Accu- racy	Base	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Memory	WIRELESS	USB	Display	
	Range																						
	mm	inch																					
SPHERE RADIUS RADIAL GAUGES (EXTERNAL)																				Folders / 2000 val	Long range / HID	USB HID / Update	Touch 2,4"
1250711206	320-1250	13-30"	sphere	1	1																		
RADIUS RADIAL GAUGES (INTERNAL & EXTERNAL)																							
1250511017	5-60	0,2-1,2"	internal & external	1	0,4-1	10																	
1250511007	40-1200	2-48"				40																	
1250511117	250-7500	10-300"				200																	
1250511127	500-15000	20-600"				300																	
RADIUS GAUGES SET'S																							
1250512007	5-2000	0,2-100"	internal & external	1	0,4-1	10,40																	
1250516007	40-15000	2-600"				40, 300																	
1250517007	5-15000	0,2-600"				10, 40, 300																	

WIDE RANGE EXTERNAL RADIUS COMPUTERIZED GAUGE



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	Display		
	Range																								
	mm	inch																							
1250530256	60-2550	2.5-100"	external	1	600	0,1%	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
1250531156	100-11200	4-450"			1200		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
1250533356	200-32200	8-1290"			2000		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

- Protractor 0-360° with 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))



PAT.UA199686

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	Display
		grad	sec of arc	grad	rad																
151136051	0-360°	1/6' (10")	0.005°	-	±4'	•	•	150,	•	•	•	•	•	•	•	•	•	•	•	•	•
151136055		1/12' (5")	0.005°	0.0001	±3'	•	•	300	•	•	•	•	•	•	•	•	•	•	•	•	•

DOWNLOAD APP

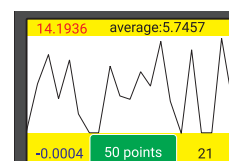


PRECISION HORIZONTAL LEVEL

- 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))

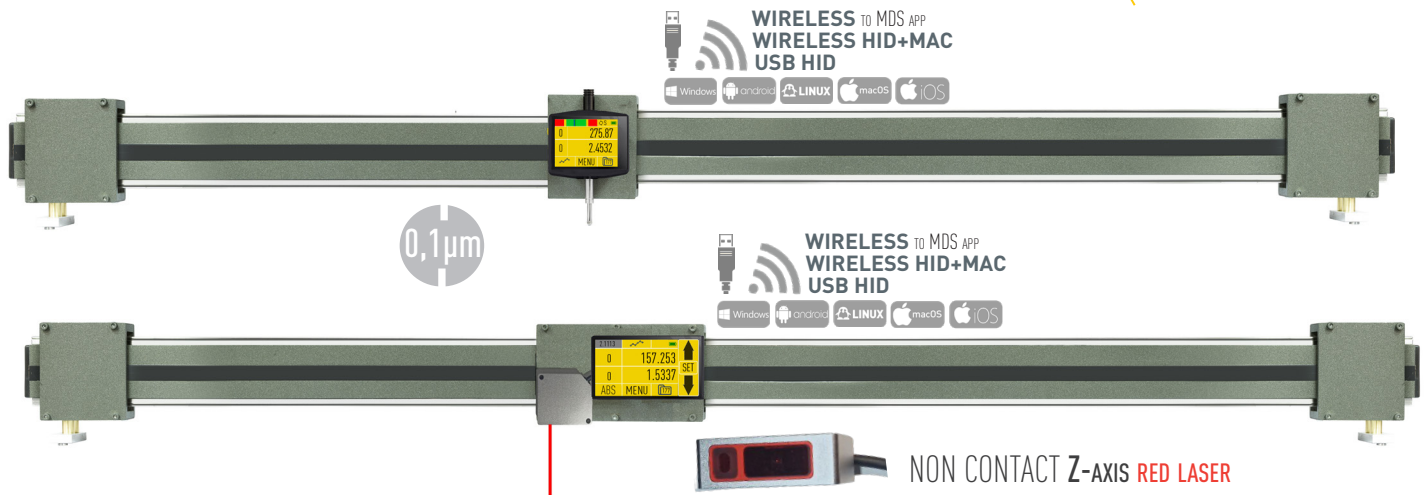


MEASURING HUB
MICROTECH DEVICES CONNECT



ON-LINE
GRAPHIC MODE

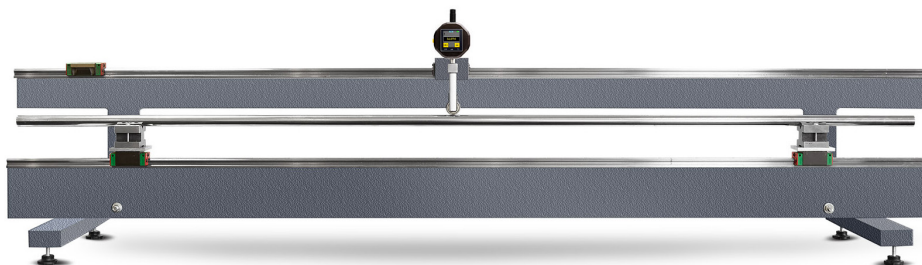
Item No	Axis	Base		Range		Resolution		Flat-ness	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	Display
		Size	material																					
		mm		mm/m	grad	mm/m	grad																	
152110070	2	150	alum.	± 1	±45,00°	0.05	0.005°	0.010	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
152110097	1	200	steel	+ 0.05	-	0.01	-	0.003	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



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	Display
		X	Z	X	Z	X	Z														
		mm	mm	mm	mm	mm	mm														
27720902	1D	0-900	0-12	0,01	0.0001	±0,030	±0,002	7.0	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	Touchscreen 2.4"	
27720900	2D							7.2	•	•	•	•	•	•	•						
27721802	1D	0-1800	0-12	0,01		±0,060	±0,004	11.5	•	•	•	•	•	•	•	•					
27721800	2D							11.7	•	•	•	•	•	•	•	•					•
27722802	1D	0-2800	0-25	0,01		±0,100	±0,006	20.5	•	•	•	•	•	•	•	•					
27722800	2D							20.7	•	•	•	•	•	•	•	•					•
27723802	1D	0-3800	0-50	0,01		±0,160	±0,006	24.5	•	•	•	•	•	•	•	•					
27723800	2D							25	•	•	•	•	•	•	•	•					•
2D LASER MACROPROFILE STAND																					
27720907	2D	0-900	0-8	0,01	0.002	±0,030		7.0	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	Touchscreen 2.4"	
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	•	•	•	•	•	•	•					•

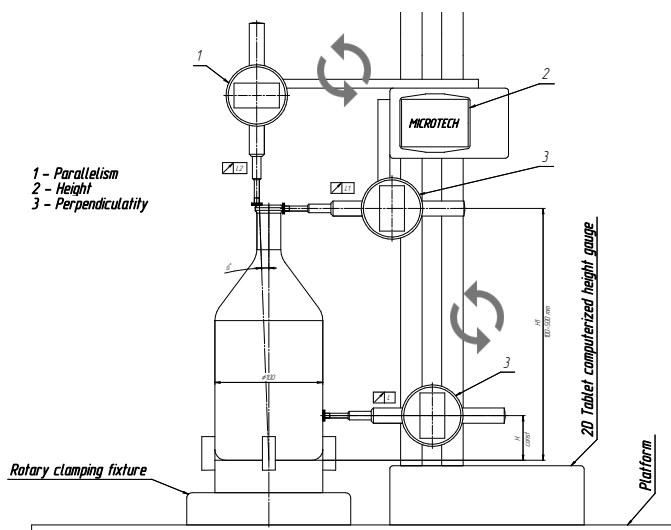
PIPE STRAIGHTNESS CONTROL COMPUTERIZED STAND



0,1µm

PAT.UA521681
PAT.UA140992

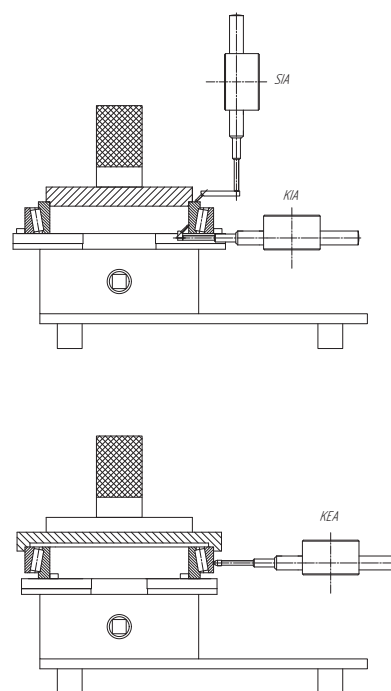
Item No	Axis	Range		Resolution	Accuracy		Weight	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	Display
		X	Z		X	Z														
		mm	mm		mm	mm														
27520900	2D	0-900	0-12	0,0001	±0,040	±0,002	10	•	•	•	•	•	•	•	•	•	•	•	•	•
27521800		0-1800			±0,080	±0,002	15	•	•	•	•	•	•	•	•	•	•	•	•	•
27522800		0-2800			±0,120	±0,002	35	•	•	•	•	•	•	•	•	•	•	•	•	•



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	

BEARING KIA SIA KEA CONTROL STAND

- 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	Display
	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	•	•	•	•	•	•	•	•	•	•	•	•	•

- 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))

RULER CALIBRATOR

CUSTOM RANGE FOR REQUEST



RULER&TAPE CALIBRATOR



DOWNLOAD APP



TAPE DRUM

FORCE GAUGE FOR TENSILE LOAD 50N

Item No	Range		Reso- lution	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	Display
	mm	inch	mm	mm																	
RULER CALIBRATOR																					
258010003	0-1000	0-40"	0,01	±0,010+L/65	LED 7 inch	+			•	•	•	•	•	•	•	•	•				
258020003	0-2000	0-80"		±0,015+L/50		+			•	•	•	•	•	•	•	•	•				
258030003	0-3000	0-120"		±0,020+L/40		+			•	•	•	•	•	•	•	•	•				
RULER & TAPE CALIBRATOR																					
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	Touchscreen 2,4"
258020005	0-2000	0-80"		±0,015+L/50		+		•	•	•	•	•	•	•	•	•					
258030005	0-3000	0-120"		±0,020+L/40		+		•	•	•	•	•	•	•	•	•					

- Horizontal or Vertical calibration stands for dial, lever indicators or bore gauges testing
- **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	Type	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	Display				
			mm	inch		mm	Range	Accur.																mm	μm		
HORIZONTAL DIAL INDICATOR CALIBRATION STAND																											
25111026	Horiz	Dial indicators	0-25	0-1"	0,0001	25	±2		•	•	•	•	•	•	•	•	•	•	•	•	•	•					
25111027							•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
25111051						0-50	0-2"	50	±3		•	•	•	•	•	•	•	•	•	•	•	•	•	•			
VERTICAL DIAL & LEVER INDICATOR CALIBRATION STAND																											
25113025	Vertical	Dial indicators & Levers indicators	0-25	0-1"	0,0001	25	±2		•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	Touchscreen 2.4"			
25113027							±2	•	•	•	•	•	•	•	•	•	•	•	•	•					•	•	
25113050						0-50	0-2"	50	±2		•	•	•	•	•	•	•	•	•	•					•	•	•
25111300	Horiz	Dial indicators & Bore gauges	0-300	0-12"	0,0001	25	±2		•	•	•	•	•	•	•	•	•	•	•	•							
25111500				0-500				0-20"		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
25111900				0-1000				0-40"		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		

DOWNLOAD APP

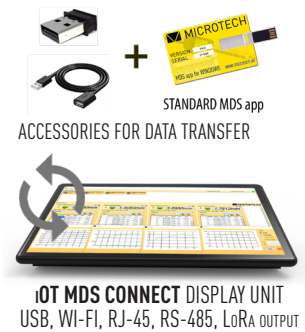


SHORE DUROMETER

- Tablet SHORE durometer
- **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))



OPTIONAL ACCESSORIES



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	Display	
				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	Touchscreen 2,4"	
21100102	C				30° cone R=0,1mm		44,45	•	•	•	•	•	•	•	•	•						
21100103	D				1.20 mm spherical R		1,111	•	•	•	•	•	•	•	•	•						
21100104	00			2,40				•	•	•	•	•	•	•	•							
MULTISCALE SHORE DUROMETER																						
21100100	A,C,D,00	Interchangeable indenters set							•	•	•	•	•	•	•	•	•					

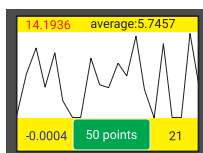
PORTABLE HARDNESS TESTERS

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

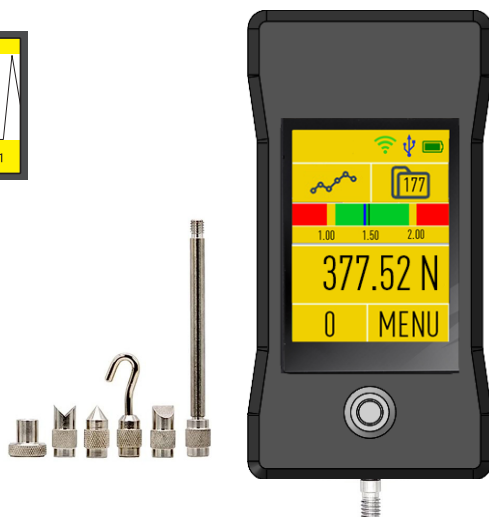


UNIVERSAL PORTABLE HARDNESS TESTER TPU-1	
Item No	21100001
Scales	HV, HB, HRA, HRB, HRC, HSD, MPA
Accuracy	±5 HL
Internal memory	500 values
Rockwell Scales	HRA, HRB, HRC
Display	160x128 TFT LCD with backlight
Connection	USB Type-C
Power supply	3xAAA battery
Dimensions	154mm×82mm×26 mm
Weight	0,25 Kg
Complectiaon	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 sensors (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))



**ON-LINE
GRAPHIC MODE**



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

MEASURING HUB
MICROTECH DEVICES CONNECT

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	N	%															
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

Download Windows App

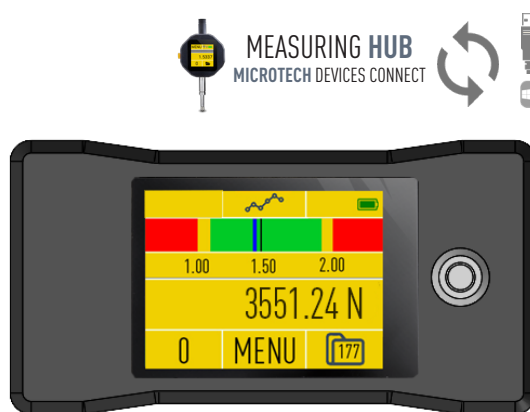
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FORCE COMPUTERIZED GAUGE WITH EXTERNAL SENSOR



UP TO 100000N
EXTERNAL SENSOR

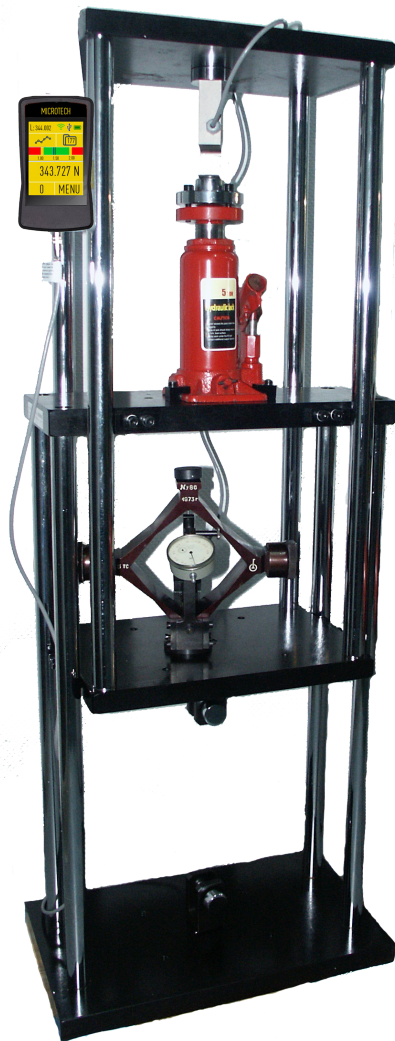


MEASURING HUB
MICROTECH DEVICES CONNECT

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

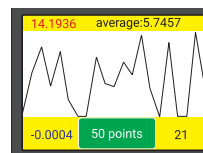
Item No	Range			Resolution	Accuracy	S-type External sensor	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	Display
	N	kg	lbF																	
225170018	10-1000	1-100	10-225	0,1	0.3	75x50	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	Touchscreen 2,4"
225170058	10-5000	1-500	10-1120				•	•	•	•	•	•	•	•	•	•				
225170108	20-10000	2-1000	20-2250				•	•	•	•	•	•	•	•	•	•				
225170508	50-50000	5-5000	50-11200			108x76	•	•	•	•	•	•	•	•	•	•				
225171008	50-100000	5-10000	50-22500			178x130	•	•	•	•	•	•	•	•	•	•				

- Computerized test stand with computerized MICS system with 2,4" color Touchscreen
- **Computerized FORCE gauge including**
- Manual, Hydraulic or Motorized type
- 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 (Iac MRA))



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

Windows Android LINUX macOS iOS



ON-LINE
GRAPHIC MODE



CUSTOM RANGE FOR REQUEST

Item No	Load			Reso- lution	Range	Travel display	Weight	Acce- sories set	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	Display				
	Type	N	lbF																				N	mm	kg	
278170056	Manual	500	112	0,001	180	option	25	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	Touchscreen 2,4"				
278170106		1000	225	0,001				•	•	•	•	•	•	•	•	•	•	•					•	•		
278170107																										
235152007	Manual Hydraulic	5000	1125	1	120	option	80	•	•	•	•	•	•	•	•	•	•									
235152017		10000	2250				105	•	•	•	•	•	•	•	•	•	•	•								
235152057		50000	11250		140		195	•	•	•	•	•	•	•	•	•	•	•								
235152107		100000	22500				280	•	•	•	•	•	•	•	•	•	•	•								
278170058	Motorized	500	112	0,001	200	option		•	•	•	•	•	•	•	•	•	•									
278170108		1000	225		700	•	•	•	•	•	•	•	•	•	•	•	•									



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