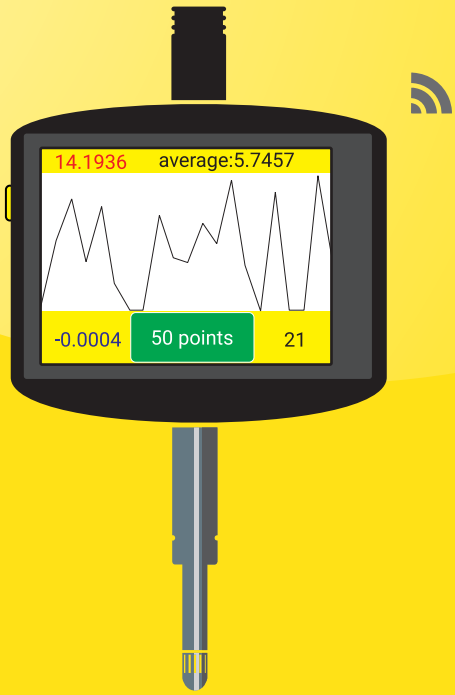
MICROTECH
est. 1995

UKRAINE

MANUFACTURING RESEARCH&DEVELOPING

CATALOGUE **66_EN** 2024



ONLY INNOVATIVE MEASURING INSTRUMENTS

WHAT IS MICROTECH

INDUSTRY 4.0
INSTRUMENTS

110+ PATENTS
DEVELOPED

40+ DISTRIBUTORS
WORLDWIDE

BUREAU VERITAS
Certification

PSME "MICROTECH"

39, Rustaveli Str., Kharkiv, 61001, Ukraine

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 9001:2015

Scope of certification

Manufacturing, calibration and delivery of industrial tools.

Original cycle start date:	**17 March 2006**
Expiry date of previous cycle:	**08 February 2017**
Certification / Recertification Audit date:	**27 December 2016**
Certification / Recertification cycle start date:	**07 February 2017**

Subject to the continued satisfactory operation of the organisation's Management System, this certificate expires on: **08 February 2020**

Certificate No. **UA228396** Version: **0** Revision date: **03 February 2017**

Signed on behalf of BVCH SAS UK Branch

Certification body address: ***4th Floor, 66 Prescot Street, London E1 8HG, United Kingdom*** *Local office:* ***5th floor, 20, Smaz-Pidzyon St., Kyiv, 01033, UKRAINE***

Further clarifications regarding the scope of the certificate and the applicability of the management system requirements may be obtained by contacting the organisation.
To check this certificate validity please call: **+380 44 354 15 18**

ISO9001:2015

CE, ROHS
CERTIFICATION

NATIONAL ACCREDITATION AGENCY OF UKRAINE

NATIONAL ACCREDITATION BODY OF UKRAINE

ACCREDITATION CERTIFICATE

Registered
on February **07, 2017**
No. **4S051**
valid until February **06, 2022**

Date of the Initial Accreditation: **February 07, 2017**

NATIONAL ACCREDITATION AGENCY OF UKRAINE
BY THIS CONFIRMS THE COMPETENCE OF

the Calibration laboratory of
the Private Scientific-Production Enterprise «MICROTECH»

Location of legal entity: 61004, Kharkiv, Selianska Str., 34 A, fl. 34
CAB location: 61001, Kharkiv, Rustaveli Str., 39

0 2 5 6 8 1 4 7
(SEMATC Code)

IN COMPLIANCE WITH THE REQUIREMENTS OF ДСТУ ISO/IEC 17025:2006
(ISO/IEC 17025:2005) IN THE SCOPE OF:

calibration of equipment for the types of measurement:
measurement of geometric quantities (L – length).

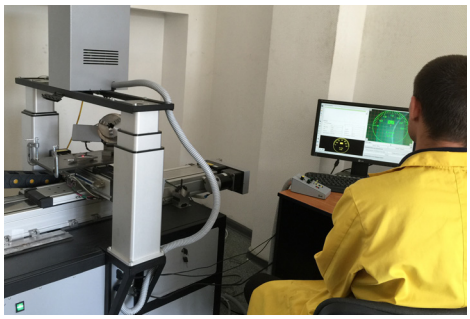
The scope of accreditation is determined by the Annex to this Certificate.
The Annex is an integral part of this Certificate and consists of **02** pages.

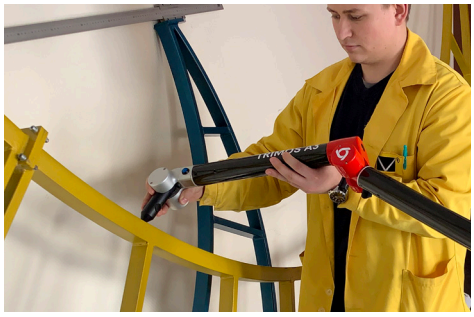
Chairman Dr. Viktor Gorytskyy

167 Kyrasova street, Kyiv, 03135, Ukraine *Registered in the logbook under No. 1001*

NAAU is an Associate member and signatory to the Bilateral Agreement with the European cooperation for accreditation (EA) in the scopes: "Certification of personnel", "Testing", "Calibration", "Certification of management systems" and "Inspection". NAAU is also a member and signatory to the Multilateral Agreement of the European cooperation (EA/ILAC) and signatory to the ILAC Mutual Recognition Agreement in the scopes of "Testing", "Calibration" and "Inspection".

ISO17025:2017





MANUFACTURING DEPARTMENTS IN KYIV AND KHARKIV (UKRAINE)

MICROTECH INNOVATIONS

1995 — MICROTECH FOUNDED

2003 — METROLOGICAL LABORATORY FOUNDED

2004 — MANUFACTURING DEPARTMENT

2008 — NEW MICROTECH FACTORY

2010 — DATA TRANSFER APP'S

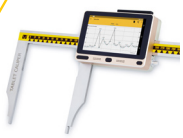
2012 — BIG DEPTH BORE GAUGE

2014 — FORCE CALIPER

2014 — CALIBRATION STANDS

2015 — MODULAR MICROMETER

2015 — COMPUTERIZED CALIPER



2017 — SUB-MICRON INDICATOR

2018 — SUB-MICRON MICROMETER

2023 — INTELLIGENT E-INK CALIPER

2024 — NON-ROTATING MICROMETER

2024 — MOTORIZED GAUGES

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0 2 5 6 8 1 4 7
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18/7 Kutuzova street, Kyiv, 01133, Ukraine — Registered in the logbook under No. 1061

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ISO17025:2017 ACCREDITED METROLOGY LABORATORY

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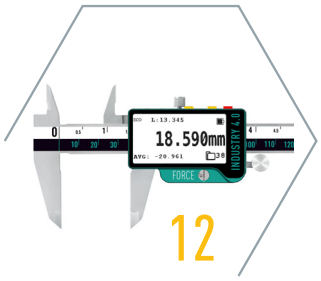

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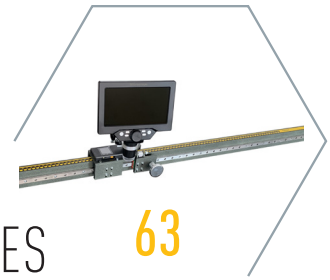

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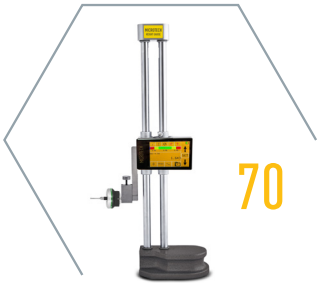

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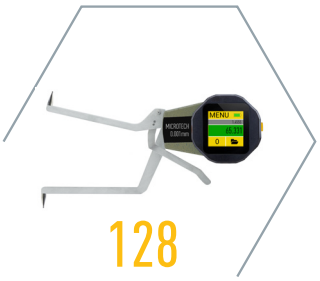

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MADE IN UKRAINE

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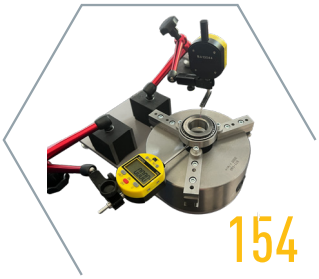

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PORTABLE HARDNESS TESTERS 165

FORCE TESTERS AND STANDS 168

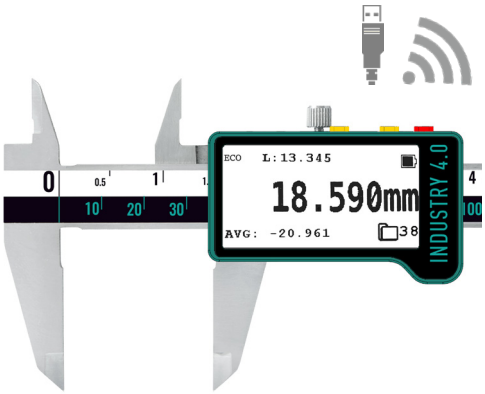
TECHNICAL PARAMETERS CAN BE CHANGING WITHOUT PRIOR NOTICE

MADE IN UKRAINE

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

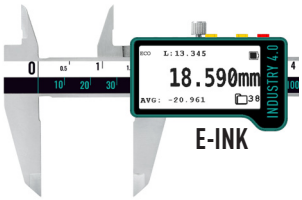
6 DATA TRANSFER MODES:

- 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

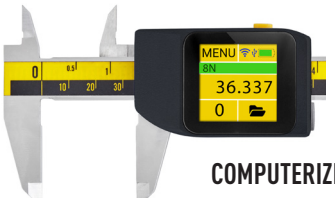
MICROTECH INSTRUMENTS FUNCTIONS

TABLET



E-INK

DIGITAL USB



COMPUTERIZED

DIGITAL WIRELESS

Functions		COMPUTERIZED				DIGITAL	
		TABLET LAB	TABLET	COMPUTERIZED	E-ink	WIRELESS	USB
Display		Color 3,5"	Color 2,4"	Color 1,54"	Mono 2,13"	Digital	
Resolution		480x320	320x240	240x240	250x122		
Touchscreen		•	•	•	•		
Charging socket		Micro-USB IP67					
Rechargeable battery		•	•	•	•		
Battery status		•	•	•	•		
Energy saving modes		•	•	•	•	•	•
Auto sleep on		•	•	•	•	•	•
Memory	val.	50000	2000	2000	1000		
	Folders	•	•	•			
	Statistics	•	•	•	•		
	Data transfer	•	•	•	•		
Connection	Wireless	Long range to MDS app for Windows, Android, iOS, MacOS (Free & Pro version)					
	Wireless HID	HID connection direct to any app and OS (like keyboard) with format config					
	Wireless HID+MAC	HID connection direct to any app and OS (like keyboard) with MAC address					
	USB HID	HID USB connection direct to any app and OS (like keyboard) with format config					HID USB
	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		•	•	•	•		

FREE MDS APP FOR ANDROID, iOS & MacOS

	MDS for iOS	MDS for Android
	FREE	FREE
	299100060	299100040
Platform	iOS, MacOS (M1+)	Android 6,0 +
Max. instruments	8	8
mm/inch conversion	•	•
Go/NoGo functions	•	•
Graphical mode	•	•
Reading on Timer	•	•
Measuring history	•	•
Save data to xls		•
Save data to csv	•	•
Save graph	•	•
User manager	•	•
Device battery status indication	•	•
Voice mode	•	•
Multilanguage	3 language	12 languages

Download on the App Store

GET IT ON Google play

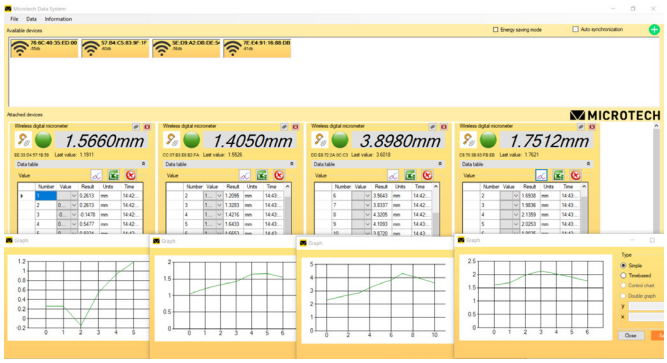
MDS APP FOR WINDOWS

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

USB-DONGLE

Download Windows App

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		



MADE IN UKRAINE

ACCESSORIES FOR MDS APP

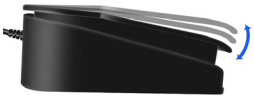
Item No	Type
299100550	MDS 5.0 **STANDARD** app for Windows
299100570	MDS 5.0 **PRO** app for Windows
299190001	USB-Dongle for Windows (max 3 coonnect)
299190002	USB-Dongle for Windows (max 8 coonnect)
299190004	1m Cable extension for USB-Dongle
299190005	1m USB hub (4-ports) for USB-Dongles
299190000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

299100550

299190001

29990013

299190004


299190000

CONNECTION SET FOR WINDOWS

STANDARD MDS data set

Windows

STANDARD MDS app

SET for 3 instruments Wireless connection

PRO MDS data set

Windows

PRO MDS app

SET for 6 instruments Wireless connection

PRO+ MDS data set

Windows

PRO MDS app

SET for 12 instruments Wireless connection

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

USB DATA CABLE FOR DIGITAL INSTRUMENTS

INPUT

OUTPUT

DIRECT TO EXCELL OR ANY OTHER APP

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

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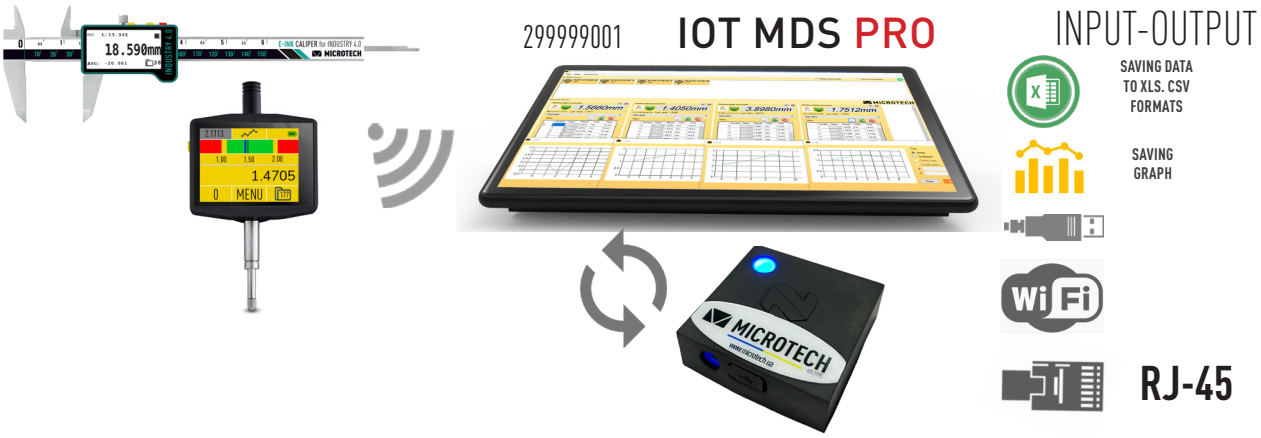
IoT MDS CONNECT DISPLAY UNIT

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



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)*
DATA OUTPUT & EXPORT	WIRELESS & USB HID	•		
	MODBUS	option		
	WI-FI		•	•
	USB port	1	2+1	4
	RJ-45		•	•
	RS-232		1	3
	RS-485			1
	Cardreader		•	•
	HDMI		•	•
FUNCTIONS	Autoconnection	•	•	•
	Reading Synchronizing	•	•	•
	User manager		•	•
	Foot-Switch connection	option	•	•
	mm/inch conversion	•	•	•
	Go/NoGo functions	•	•	•
	Graphical mode	•	•	•
	2D-Graphical mode		•	•
	Timer	•	•	•
	Resolution selection	•	•	•
	Resend to external app's		•	•
	Save data to csv, xls, pdf		•	•
	Save graph png		•	•
	*xls. *csv, *doc file editor		•	•
	App's installation		•	•
	Multilanguage		10 languages	
ACCESSORIES	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	280×184×26	283 x 177 x 73
Weight, kg		0,4	1,15	1,25

OPTIONAL ACCESSORIES

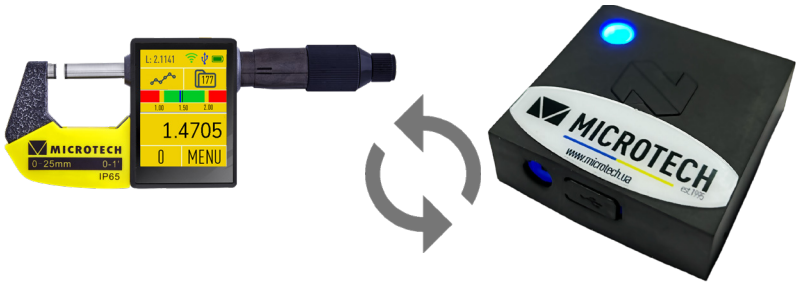
299190001 299190000

MADE IN UKRAINE

IoT DATA BUTTON

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

29990011



29990012

29990013

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

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

MADE IN UKRAINE

MICRON COMPUTERIZED E-FORCE CALIPER

- **Industry 4.0** adopted E-Force caliper with computerized MICS system (Patents US10184772, UA174949, UA126928)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **4 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

3 FORCE MODES (AUTO/STANDARD/INDICATION)
SELECTING FORCE 1-20N IN MENU
COLOR FORCE STATUS INDICATION

Item No	Range		Reso-lution	Accu-racy*	eForce	Jaws	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr.	Calibr date	Recharge	Auto off	Password	Memory	Statistics	WIRELESS	USB HID	FW update
	mm	inch	mm	µm	N	mm																
141097015A	0-150	0-6"	0,001	±5	1-20	40/16	•	•	•	•	•	•	•	•	•	•	•	1000 val	•	•	•	•
141097020A	0-200	0-8"		±8		50/17	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•
141097030A	0-300	0-12"		±10		60/20	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

IOT DATA BUTTON

DOWNLOAD APP

Download Windows App

Download on the App Store

GET IT ON Google play

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

MADE IN UKRAINE

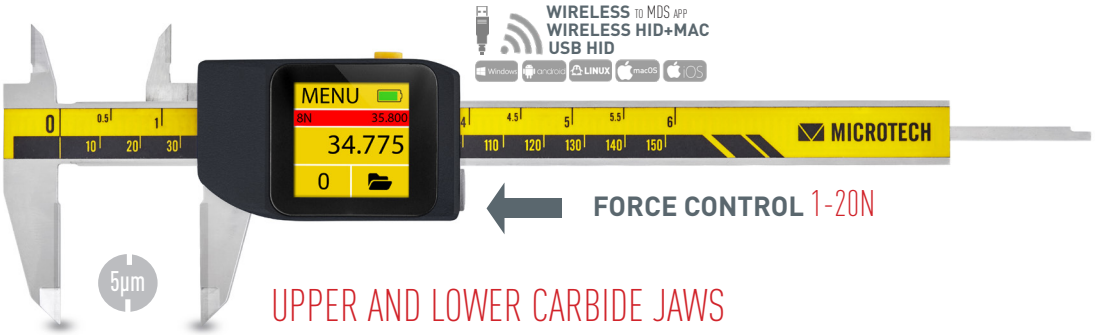
COMPUTERIZED E-FORCE CALIPER

FORCE CONTROL 1-20N

3 FORCE MODES (AUTO/STANDARD/INDICATION)
SELECTING FORCE 1-20N IN MENU
COLOR FORCE STATUS INDICATION

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

COMPUTERIZED E-FORCE CALIPER CARBIDE JAWS



FORCE CONTROL 1-20N

UPPER AND LOWER CARBIDE JAWS

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

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

IOT DATA BUTTON

DOWNLOAD APP

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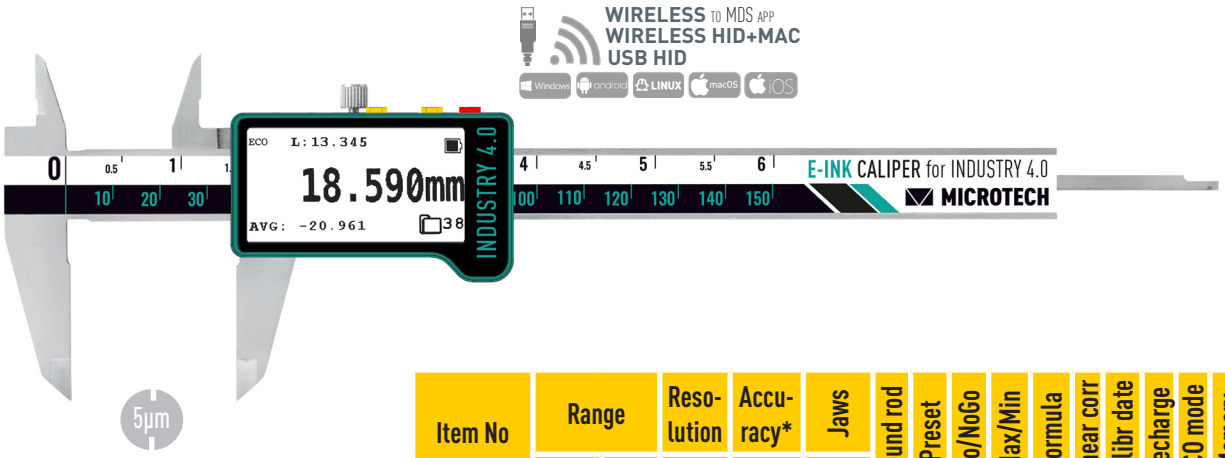
*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

MADE IN UKRAINE

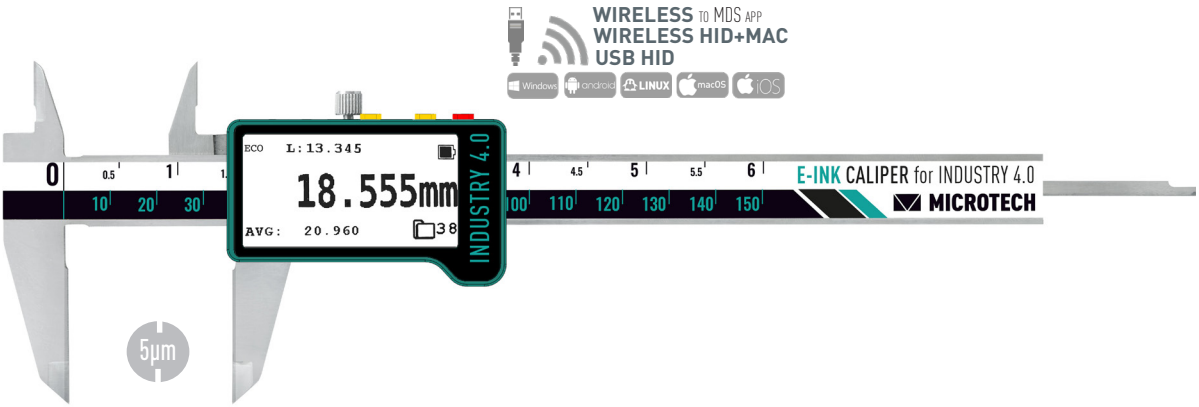
E-INK CALIPER

- **Industry 4.0** adopted Intelligent caliper with computerized MICS system (Patents US10184772, UA174949, UA126928)
- ENERGY ECONOMY 2.13" E-ink display (200+ working hours / 1 charging)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Resolution selecting, Connection indication
- **Memory manager:** 1000 values, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))



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

E-INK CALIPER CARBIDE JAWS



UPPER AND LOWER CARBIDE JAWS

Item No	Range		Reso-lution	Accu-racy*	Jaws	Carbide	Preset	Go/NoGo	Max/Min	Formula	Linear corr	Calibr date	Recharge	ECO mode	Memory	Statistics	WIRELESS	USB HID
	mm	inch	mm	µm	mm													
141093015C	0-150	0-6"	0,005	±15	40/16	•	•	•	•	•	•	•	•	•	1000 val	•	•	•
141093020C	0-200	0-8"			50/17	•	•	•	•	•	•	•	•	•		•	•	•
141093030C	0-300	0-12"		±20	60/20	•	•	•	•	•	•	•	•	•		•	•	•

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

IOT DATA BUTTON

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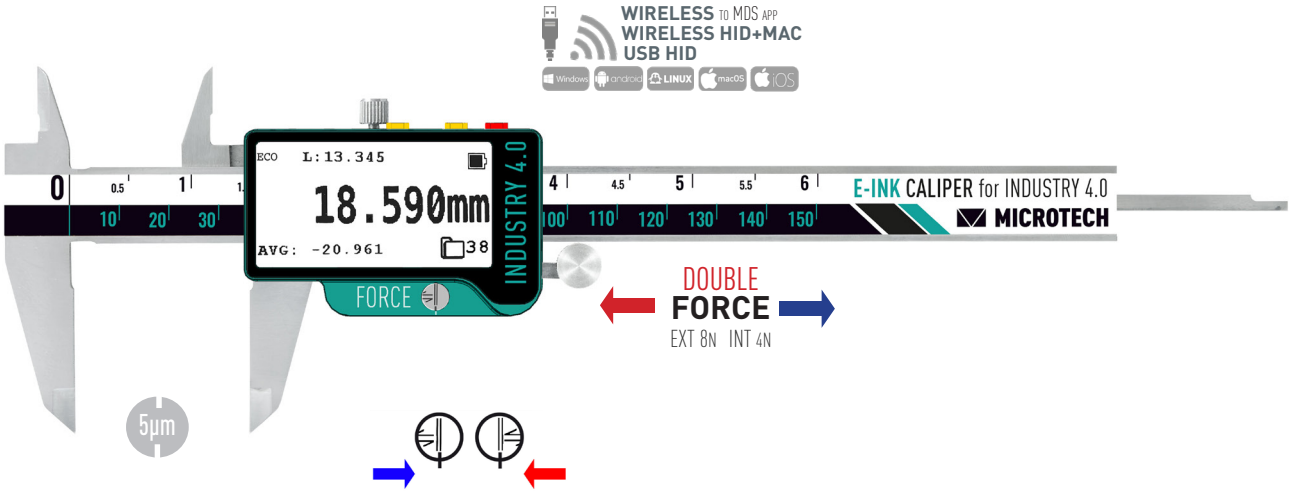
*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

MADE IN UKRAINE

E-INK FORCE CALIPER

MICROTECH

- **Industry 4.0** adopted Intelligent caliper with computerized MICS system (Patents US10184772, UA174949, UA126928)
- ENERGY ECONOMY 2.13'' E-ink display (200+ working hours / 1 charging)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Resolution selecting, Connection indication
- **Memory manager:** 1000 values, Statistics mode, Memory data transfer
- Modification with **Double Force** control module with 8N external and 4N internal FORCE
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso-lution	Accu-racy*	Force	Jaws	Round rod	Preset	Go/NoGo	Max/Min	Formula	Linear corr	Calibr date	Recharge	ECO mode	Memory	Statistics	WIRELESS	USB HID
	mm	inch	mm	µm	N	mm													
141093015F	0-150	0-6"	0,005	±10	8 /4	40/16		•	•	•	•	•	•	•	•	1000 val	•	•	•
141093015FR							•	•	•	•	•	•	•	•	•		•	•	•
141093020F	0-200	0-8"				50/17		•	•	•	•	•	•	•	•		•	•	•
141093030F	0-300	0-12"		±15		60/20		•	•	•	•	•	•	•	•		•	•	•

OPTIONAL ACCESSORIES

ACCESSORIES FOR DATA TRANSFER

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

IOT DATA BUTTON

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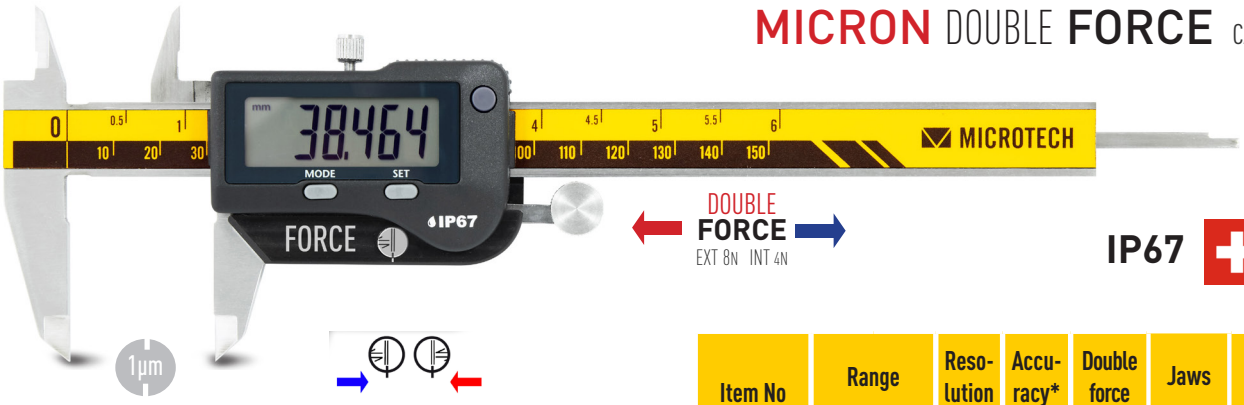
*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

MADE IN UKRAINE

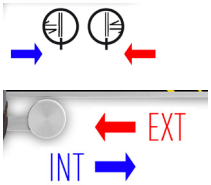
- **Double Force** control module with 8N external and 4N internal FORCE (**Patents** US10429165, UA146381)
- Waterproof IP67 Swiss electronics with 0.01 or 0.001mm resolution
- High accuracy up to **±5µm** on external jaws (internal and depth according ISO13385)
- **Calibration** certificate included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

MICRON DOUBLE **FORCE** CALIPER IP67



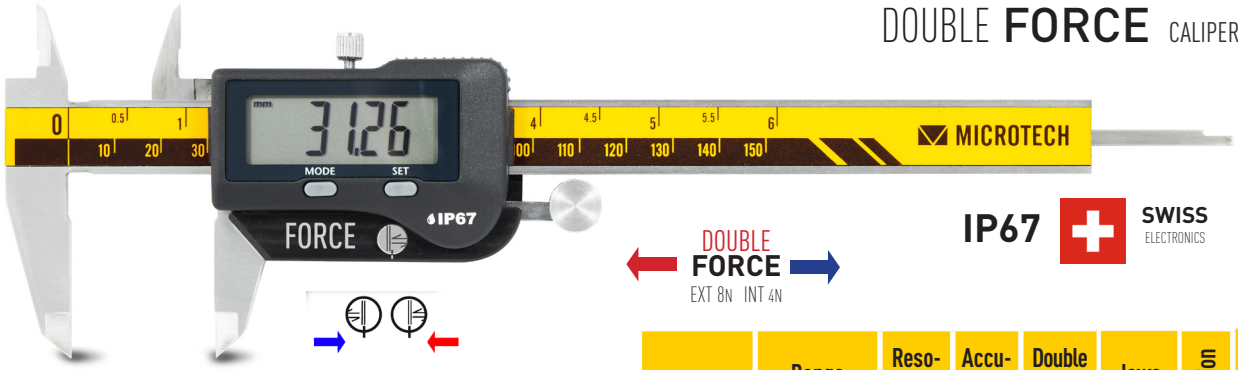
DOUBLE **FORCE** EXT 8N INT 4N

IP67 SWISS ELECTRONICS



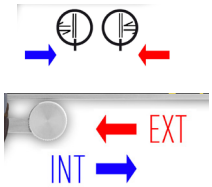
Item No	Range		Reso-lution	Accu-racy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off
	mm	inch	mm	µm	N	mm				
141079122	0-150	0-6"	0,001	±5	8 ext	40/16	IP-67	•	•	•
141079222	0-200	0-8"		±8	4 int	50/17		•	•	•
141079322	0-300	0-12"		±10		60/20		•	•	•

DOUBLE **FORCE** CALIPER IP67



DOUBLE **FORCE** EXT 8N INT 4N

IP67 SWISS ELECTRONICS



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

DOUBLE **FORCE** CALIPER IP67 **CARBIDE JAWS**

IP67 SWISS ELECTRONICS

DOUBLE **FORCE** EXT 8N INT 4N

UPPER AND LOWER CARBIDE JAWS

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

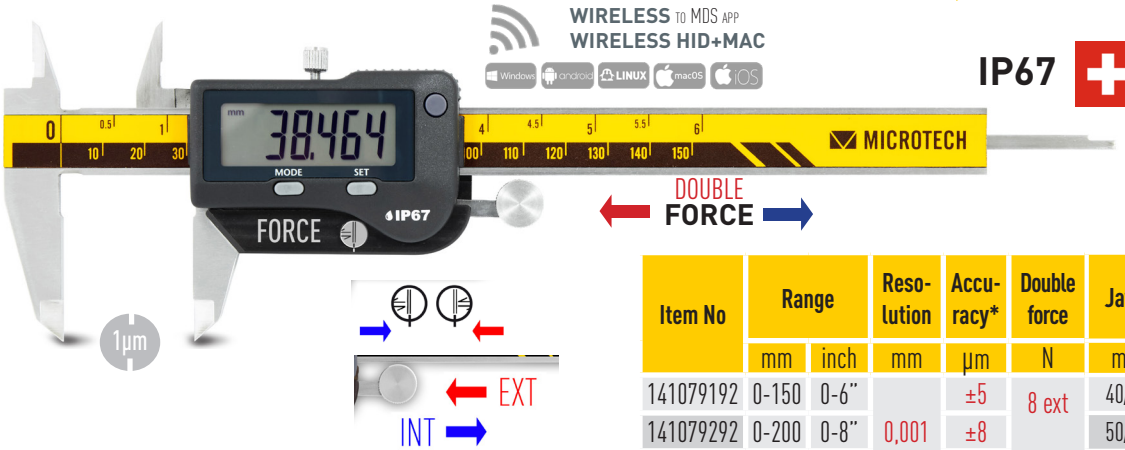
*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

MADE IN UKRAINE

WIRELESS DOUBLE FORCE CALIPER IP67

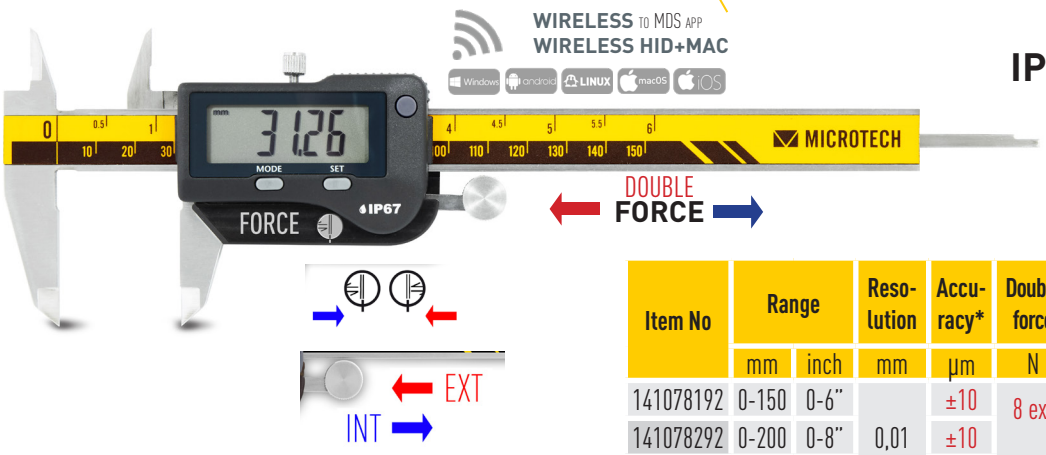
- **Double Force** control module with 8N external and 4N internal FORCE (**Patents** US10429165, UA146381)
- High accuracy up to **±5µm** on external jaws (internal and depth according ISO13385)
- Waterproof IP67 Swiss electronics with 0.01 or 0.001mm resolution and built-in MICROTECH **WIRELESS** data transfer module
- 3 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

MICRON WIRELESS DOUBLE FORCE CALIPER IP67



Item No	Range		Reso-lution	Accu-racy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm	N	mm					
141079192	0-150	0-6"	0,001	±5	8 ext 4 int	40/16	IP-67	•	•	•	•
141079292	0-200	0-8"		±8		50/17		•	•	•	•
141079392	0-300	0-12"		±10		60/20		•	•	•	•

WIRELESS DOUBLE FORCE CALIPER IP67



Item No	Range		Reso-lution	Accu-racy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm	N	mm					
141078192	0-150	0-6"	0,01	±10	8 ext 4 int	40/16	IP-67	•	•	•	•
141078292	0-200	0-8"		±10		50/17		•	•	•	•
141078392	0-300	0-12"		±20		60/20		•	•	•	•

WIRELESS DOUBLE FORCE CALIPER IP67 CARBIDE JAWS

UPPER AND LOWER CARBIDE JAWS

Item No	Range		Reso-lution	Accu-racy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm	N	mm					
141078192C	0-150	0-6"	0,01	±10	8 ext 4 int	40/16	IP-67	•	•	•	•
141078292C	0-200	0-8"		±10		50/17		•	•	•	•
141078392C	0-300	0-12"		±20		60/20		•	•	•	•

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

MADE IN UKRAINE

DOUBLE **LOW FORCE** CALIPER IP67

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

FOR SOFT MATERIALS

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

WIRELESS DOUBLE **LOW FORCE** CALIPER IP67

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

FOR SOFT MATERIALS

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

OPTIONAL ACCESSORIES

ACCESSORIES FOR DATA TRANSFER

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

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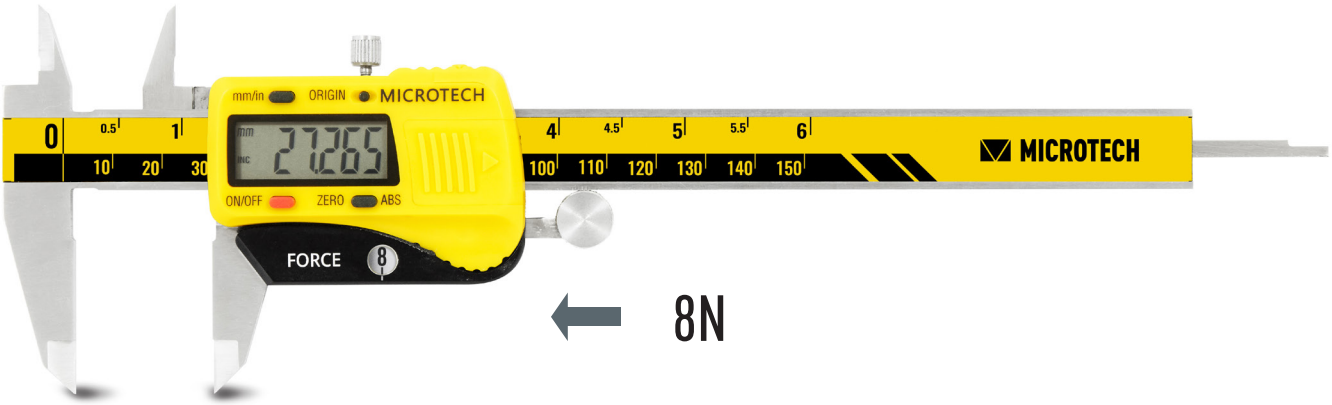
*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

MADE IN UKRAINE

PRECISION FORCE CALIPER IP54

- **Force** control module with 8N external FORCE (**Patents** US10429165, UA146381)
- High accuracy up to **±10µm** on external jaws (internal and depth according ISO13385)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

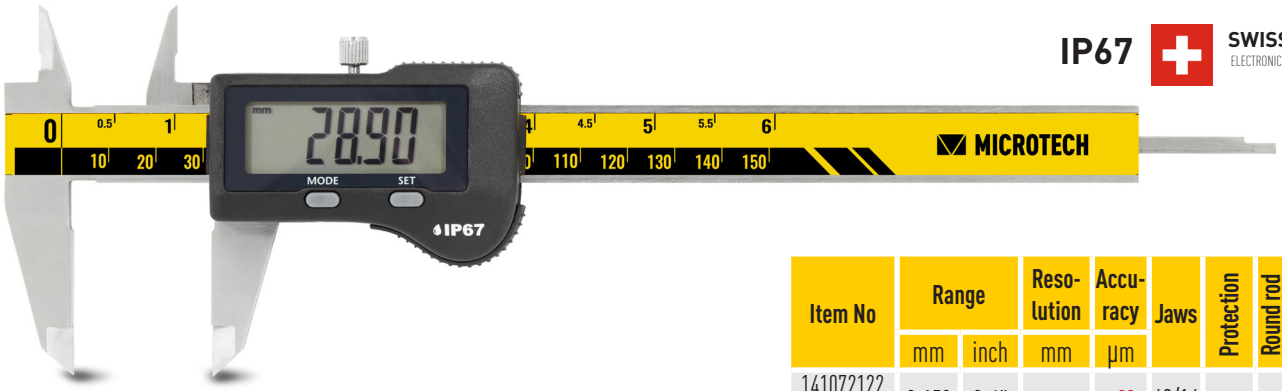


Item No	Range		Resolution	Accuracy*	Force	Protection
	mm	inch	mm	µm	N	
141088152	0-150	0-6"	0,005	±10	8	IP-54
141088252	0-200	0-8"		±10		
141088352	0-300	0-12"		±15		

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

PRECISION DIGITAL CALIPER IP67

- Waterproof IP67 Swiss electronics with PRESET function
- High accuracy up to **±20µm** on external jaws (internal and depth according ISO13385)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



IP67 SWISS ELECTRONICS

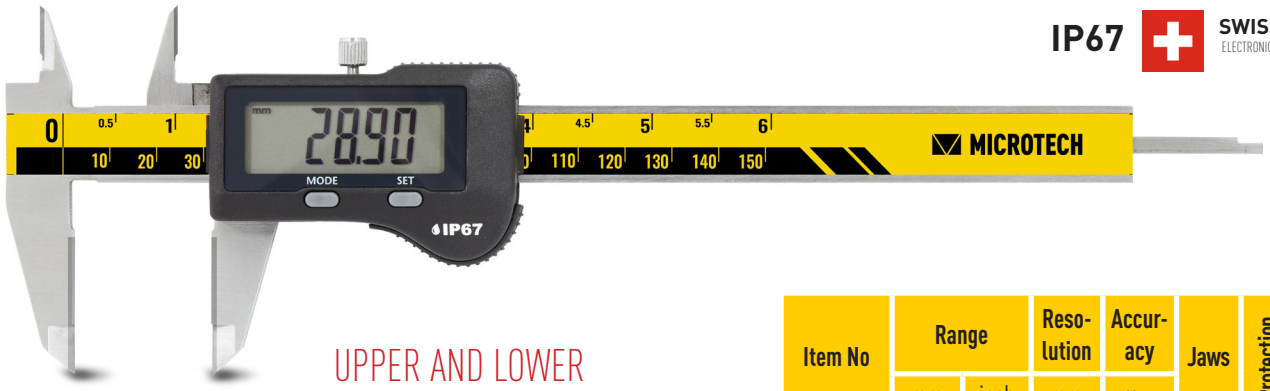
Item No	Range		Reso-lution	Accu-racy	Jaws	Protection	Round rod	Preset	mm/inch	Auto on/off
	mm	inch	mm	µm						
141072122	0-150	0-6"	0,01	±20	40/16	IP-67		•	•	•
141072122R							•	•	•	•
141072222	0-200	0-8"		±20	50/17			•	•	•
141072322	0-300	0-12"		±30	60/20			•	•	•

MICRON DIGITAL CALIPER IP67

IP67 SWISS ELECTRONICS

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

PRECISION DIGITAL CALIPER IP67 CARBIDE JAWS



IP67 SWISS ELECTRONICS

UPPER AND LOWER CARBIDE JAWS

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

MADE IN UKRAINE

WIRELESS DIGITAL CALIPER IP67

- Waterproof IP67 Swiss electronics with PRESET function and built-in MICROTECH WIRELESS data transfer module
- High accuracy up to ±20µm on external jaws (internal and depth according ISO13385)
- 3 MODES DATA TRANSFER: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Calibration certificate included (ISO17025 (Ilac MRA))

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

MICRON WIRELESS DIGITAL CALIPER IP67

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

WIRELESS DIGITAL CALIPER IP67 CARBIDE JAWS

UPPER AND LOWER CARBIDE JAWS

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

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

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

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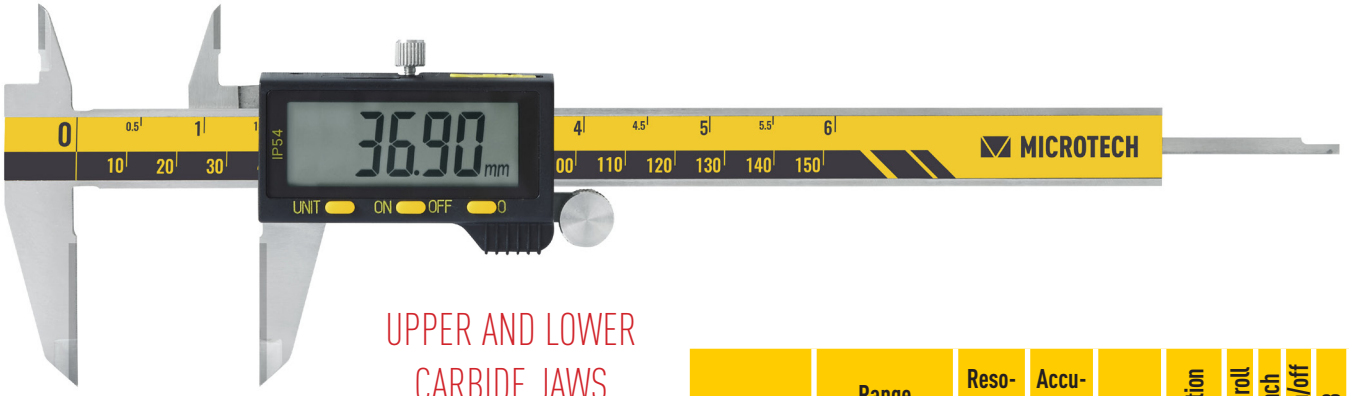
MADE IN UKRAINE

BIG SCREEN DIGITAL CALIPER IP54

- High quality Big screen digital caliper **IP54** waterproof with optimal price level
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range		Reso-lution	Accu-racy	Jaws	Protection	Thumb roller	Round rod	Thumb roll	mm/inch	Auto on/off	USB
	mm	inch	mm	µm								
141083111	0-150	0-6"	0,01	±20	40/16	IP-54			•	•	•	micro-USB
141083112							•					
141083112R							•	•	•	•	•	
141083211	0-200	0-8"		±20	50/17				•	•	•	
141083212							•					
141083311	0-300	0-12"		±30	60/20				•	•	•	
141083312							•					

BIG SCREEN DIGITAL CALIPER IP54 CARBIDE JAWS



UPPER AND LOWER CARBIDE JAWS

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

OPTIONAL ACCESSORIES

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

MADE IN UKRAINE

PRESET DIGITAL CALIPER IP54

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

PRESET
FUNCTION

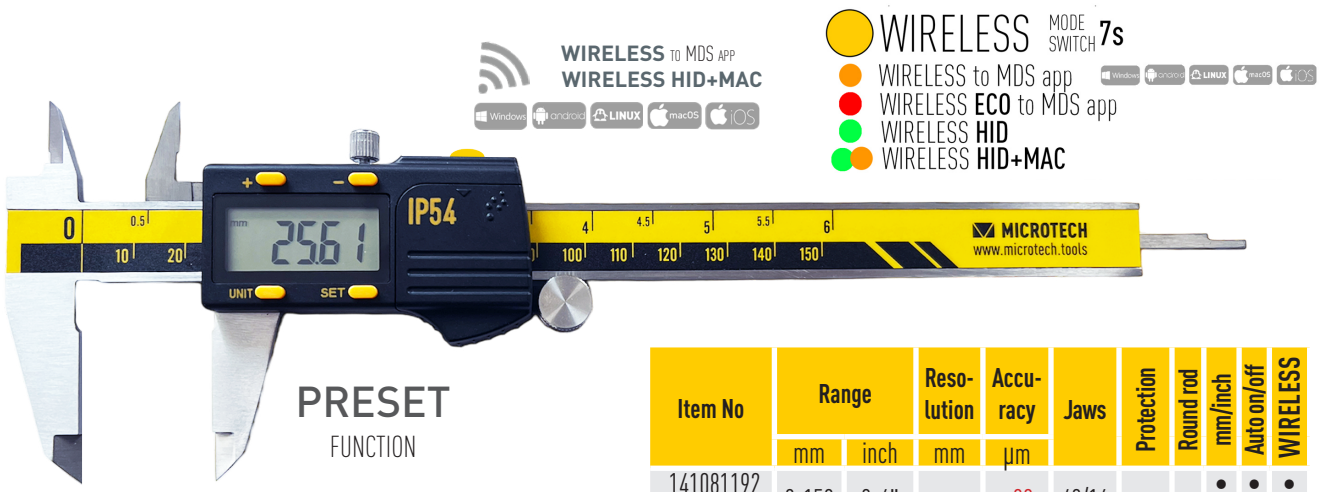
Item No	Range		Reso-lution	Accu-racy	Jaws	Protection	Round rod	Preset	mm/inch	Auto on/off	USB
	mm	inch	mm	µm							
141081112	0-150	0-6"	0,01	±20	40/16	IP-54		•	•	•	•
141081112R							•	•	•	•	•
141081212	0-200	0-8"		±20	50/17			•	•	•	•
141081312	0-300	0-12"		±30	60/20			•	•	•	•

OPTIONAL ACCESSORIES

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

WIRELESS CALIPER IP54

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



PRESET
FUNCTION

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

OPTIONAL ACCESSORIES

STANDARD MDS app
ACCESSORIES FOR DATA TRANSFER

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

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

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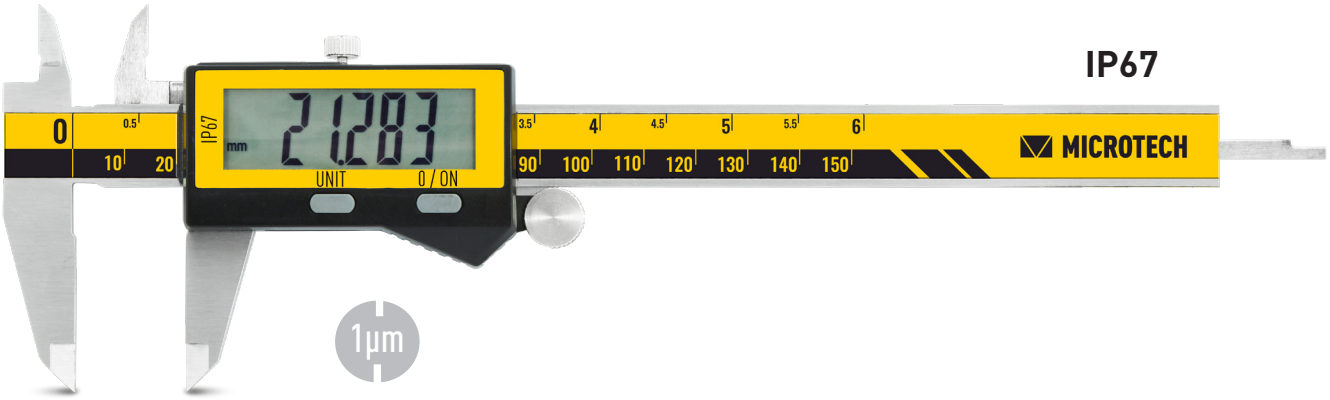
MADE IN UKRAINE

MICRON DIGITAL CALIPER IP67

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



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

RECHARGEABLE DIGITAL CALIPER IP54

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

RECHARGEABLE

OPTIONAL ACCESSORIES

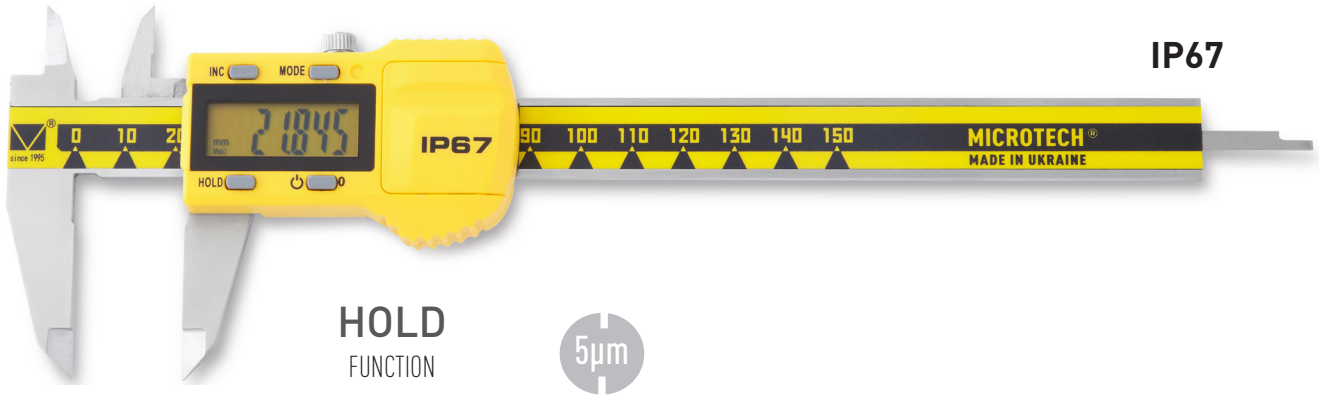
141083000 USB HID DATA TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A KEYBOARD

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

MADE IN UKRAINE

PRECISION DIGITAL CALIPER IP67

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



Item No	Range		Reso-lution	Accu-racy	Jaws	mm/inch	Auto on/off	HOLD
	mm	inch	mm	µm				
141085102	0-150	0-6"	0,01	±20	40/16	•	•	•
141085112			0,005			•	•	•
141085202	0-200	0-8"	0,01	±20	50/17	•	•	•
141085212			0,005			•	•	•
141085302	0-300	0-12"	0,01	±30	60/20	•	•	•
141085312			0,005			•	•	•

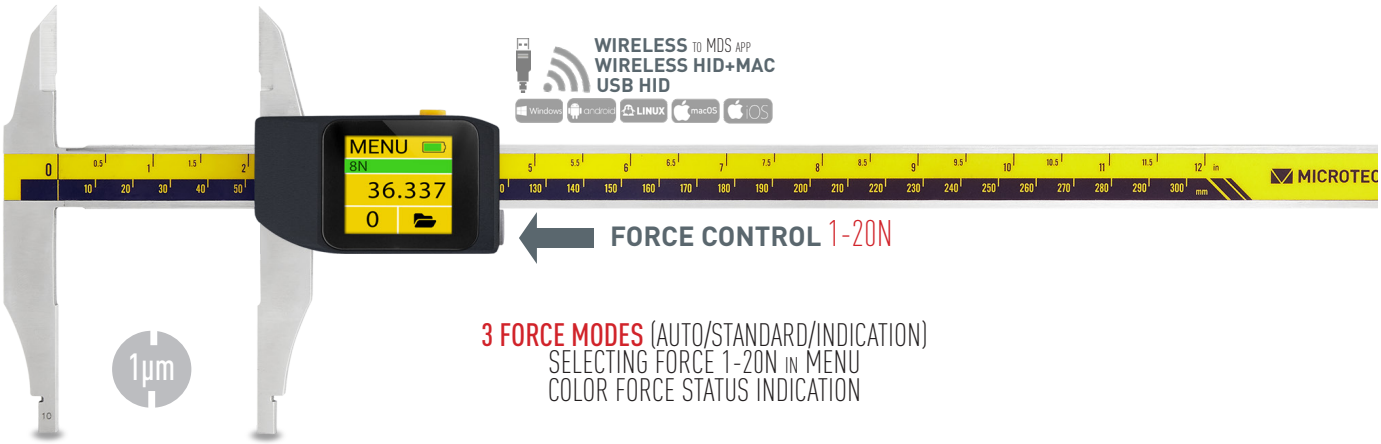
DIAL CALIPER

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

Item No	Range	Resolution	Accuracy	Display	Shock proof	Thumb roller
	mm	mm	µm			
141011150	0-150	0,01	±30	Dial	•	•
141011200	0-200		±30		•	•
141011301	0-300	0.02	±40		•	•

MADE IN UKRAINE

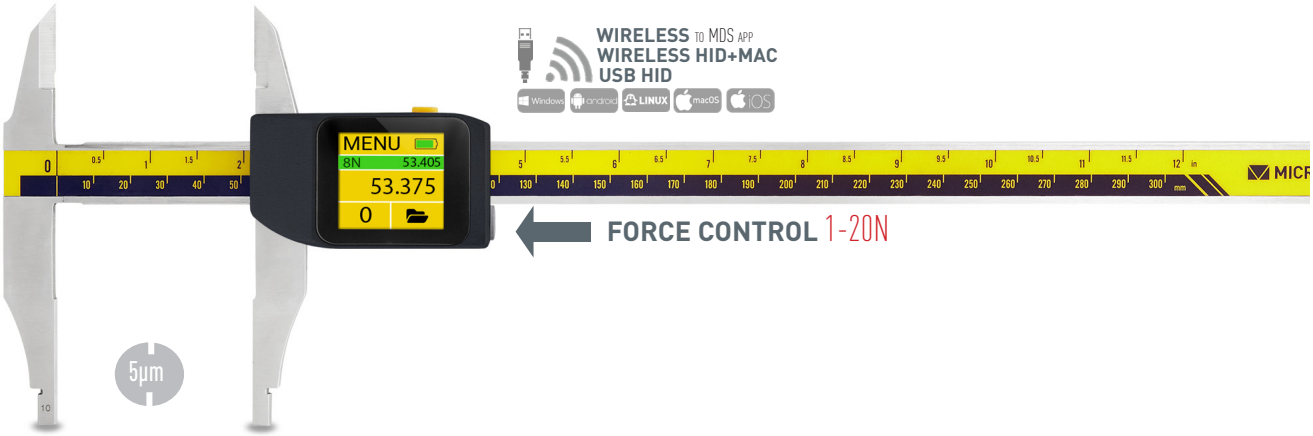
MICRON COMPUTERIZED E-FORCE CALIPER POINTS JAWS



3 FORCE MODES (AUTO/STANDARD/INDICATION)
SELECTING FORCE 1-20N IN MENU
COLOR FORCE STATUS INDICATION

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

COMPUTERIZED E-FORCE CALIPER POINTS JAWS

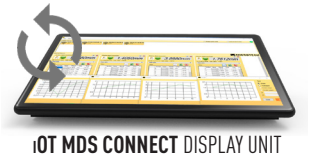


Item No	Range		Reso-lution	Accu-racy*	Force	Jaws	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Auto off	Memory	Statistics	WIRELESS	USB HID
	mm	inch	mm	µm	N	mm														
141077321A	0-300	0-12"	0,005	±15	1-20	60/40	•	•	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER



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

IOT DATA BUTTON

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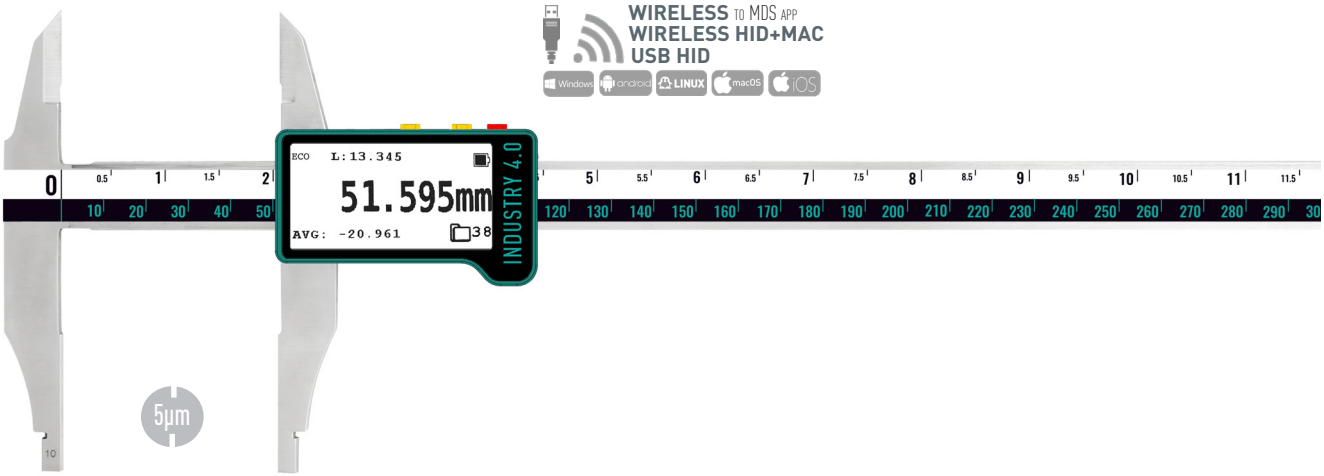
*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

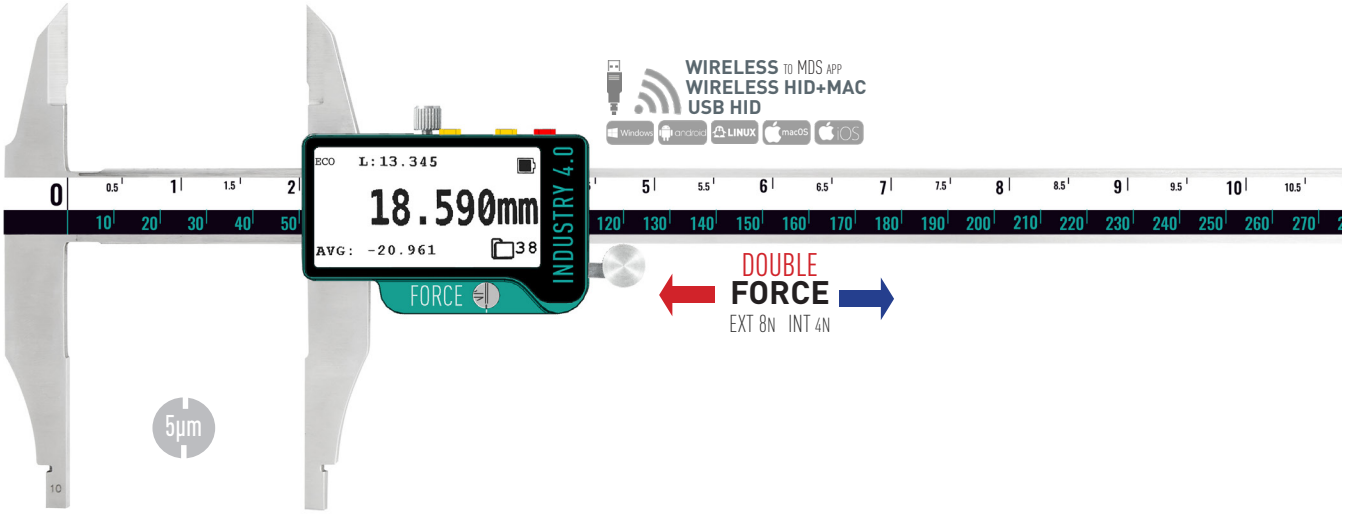
MADE IN UKRAINE

E-INK CALIPER POINTS JAWS



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

E-INK FORCE CALIPER POINTS JAWS



Item No	Range		Reso-lution	Accu-racy*	Force	Jaws	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Auto off	Memory	Statistics	WIRELESS
	mm	inch	mm	µm	N	mm														
141093321F	0-300	0-12"	0,005	±20	8 /4	60/40	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL ACCESSORIES

ACCESSORIES FOR DATA TRANSFER

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

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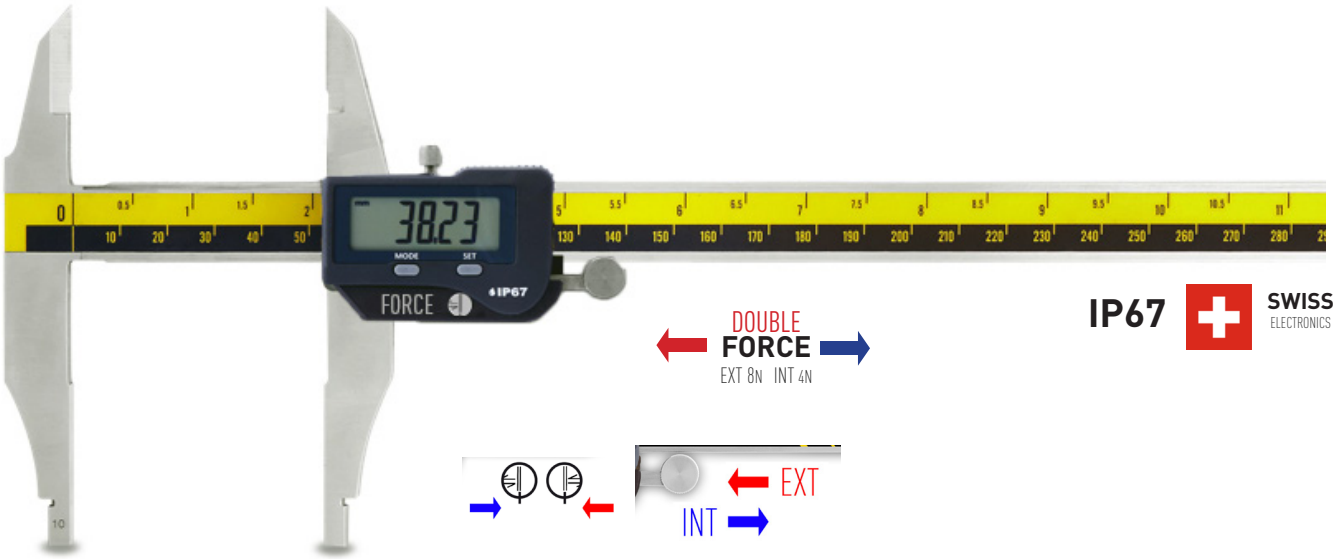
*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

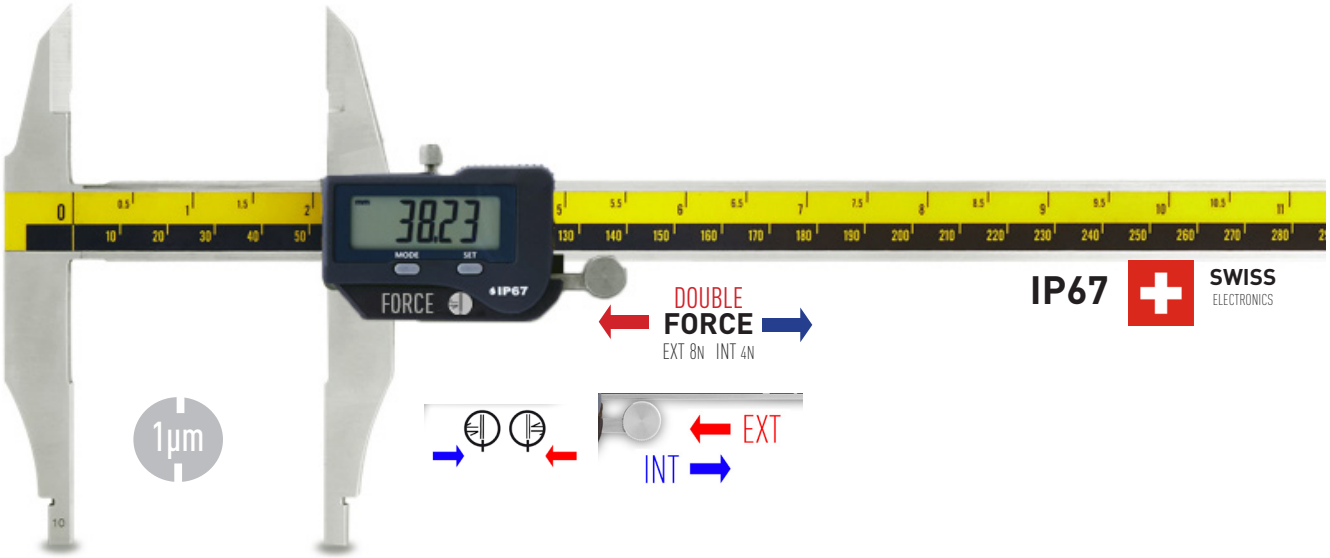
MADE IN UKRAINE

DOUBLE **FORCE** CALIPER IP67 **POINTS JAWS**



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

MICRON DOUBLE **FORCE** CALIPER IP67 **POINTS JAWS**

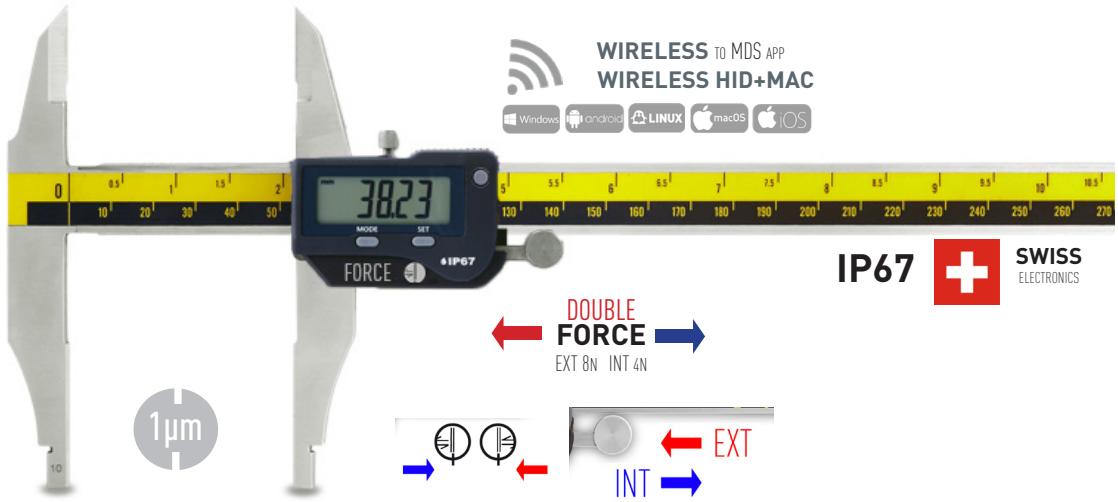


Item No	Range		Reso-lution	Accu-racy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off
	mm	inch	mm	µm	N	mm				
141079323	0-300	0-12"	0,001	±12	8 ext 4 int	60/40	IP-67	•	•	•

WIRELESS DOUBLE FORCE CALIPER IP67 POINTS JAWS

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

MICRON WIRELESS DOUBLE FORCE CALIPER IP67 POINTS JAWS



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

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

IOT DATA BUTTON

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DIGITAL CALIPER IP67 POINTS JAWS

IP67 SWISS ELECTRONICS

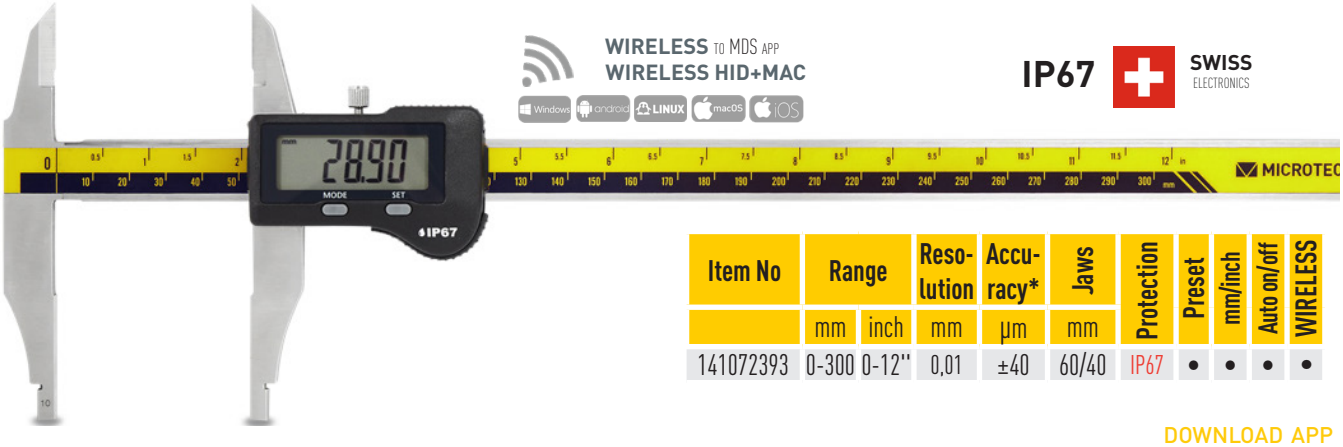
Item No	Range		Reso-lution	Accu-racy*	Jaws	Protection	Preset	mm/inch	Auto on/off
	mm	inch	mm	µm	mm				
141072323	0-300	0-12"	0,01	±30	60/40	IP67	•	•	•

MICRON DIGITAL CALIPER IP67 POINTS JAWS

IP67 SWISS ELECTRONICS

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

WIRELESS DIGITAL CALIPER IP67 POINTS JAWS



WIRELESS TO MDS APP
WIRELESS HID+MAC

Windows android LINUX macOS iOS

IP67 SWISS ELECTRONICS

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

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

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MICRON DIGITAL CALIPER IP67 POINTS JAWS

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

PRESET DIGITAL CALIPER IP54 POINTS JAWS

PRESET
FUNCTION

OPTIONAL ACCESSORIES

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

Item No	Range		Reso-lution	Accu-racy*	Jaws	Protection	Thumb roller	Preset	mm/inch	Auto on/off	USB
	mm	inch	mm	µm	mm						
141083321	0-300	0-12"	0,01	±30	60/40	IP-54	•	•	•	•	•

WIRELESS CALIPER IP54 POINTS JAWS

WIRELESS TO MDS APP
WIRELESS HID+MAC

Windows android LINUX macOS iOS

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

PRESET
FUNCTION

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

OPTIONAL ACCESSORIES

STANDARD MDS app
ACCESSORIES FOR DATA TRANSFER

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

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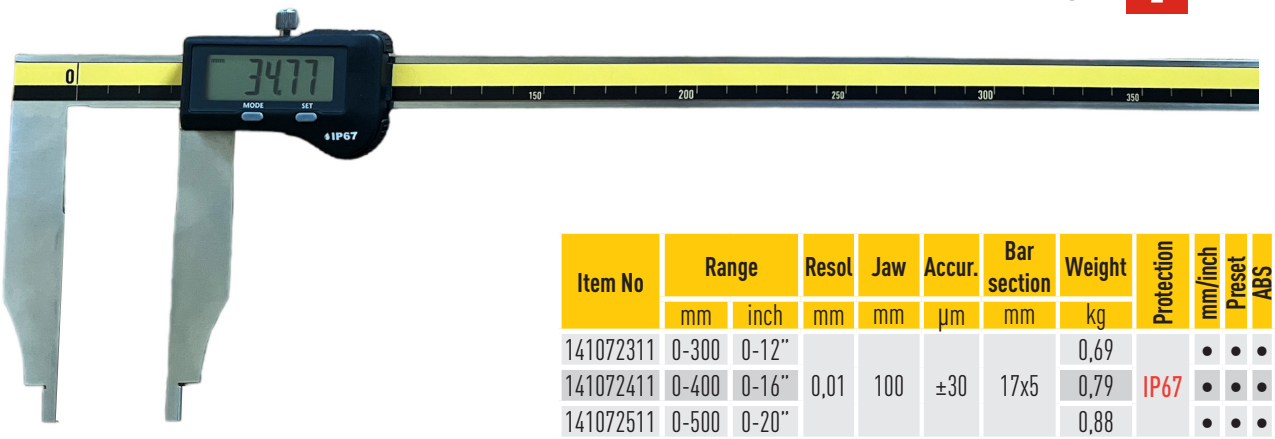
MADE IN UKRAINE

LIGHT LONG JAW DIGITAL CALIPER IP67

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

IP67 SWISS ELECTRONICS



Item No	Range		Resol	Jaw	Accur.	Bar section	Weight	Protection	mm/inch	Preset	ABS
	mm	inch	mm	mm	µm	mm	kg				
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		•	•	•

LONG JAW DIGITAL CALIPER IP67

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

IP67 SWISS ELECTRONICS

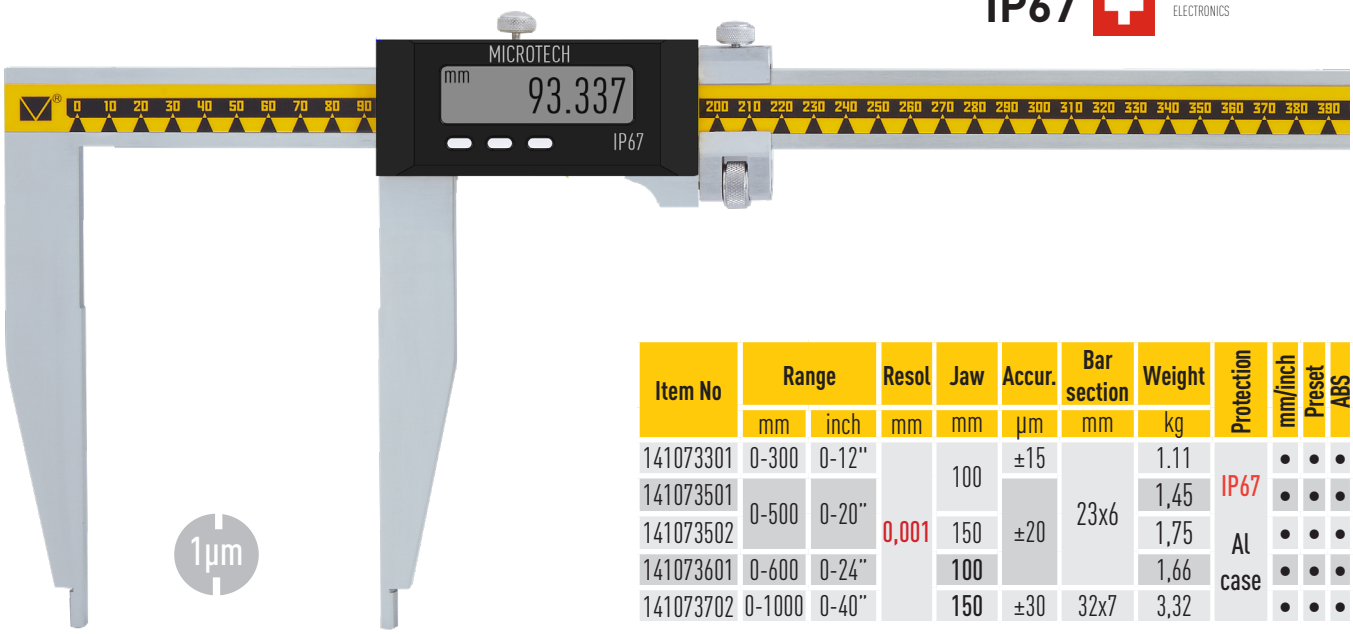
Item No	Range		Resol	Jaw	Accur.	Bar section	Weight	Protection	mm/inch	Preset	ABS
	mm	inch	mm	mm	µm	mm	kg				
141073512	0-500	0-20"	0,01	150	±30	23x6	1,7	IP67 Al case	•	•	•
141073515				300	±40		2,7		•	•	•
141073611	0-600	0-24"		100	±30		1,7		•	•	•
141073712	0-1000	0-40"		150	±40	32x7	3,3		•	•	•
141073715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

MADE IN UKRAINE

MICRON LONG JAW DIGITAL CALIPER IP67

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

IP67 SWISS ELECTRONICS

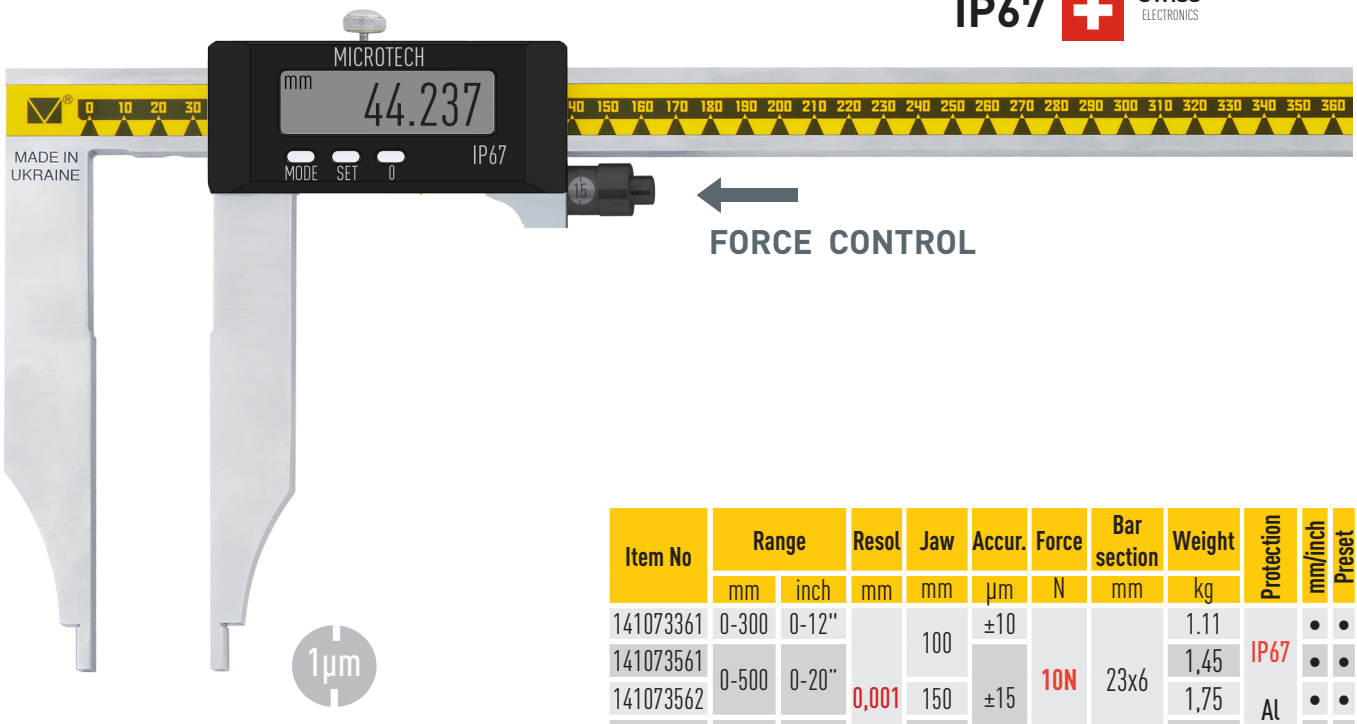


Item No	Range		Resol	Jaw	Accur.	Bar section	Weight	Protection	mm/inch	Preset	ABS
	mm	inch	mm	mm	µm	mm	kg				
141073301	0-300	0-12"	0,001	100	±15	23x6	1.11	IP67 Al case	•	•	•
141073501	0-500	0-20"			±20		1,45		•	•	•
141073502				150			1,75		•	•	•
141073601	0-600	0-24"		100			1,66		•	•	•
141073702	0-1000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

MICRON FORCE LONG JAW DIGITAL CALIPER IP67

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

IP67 SWISS ELECTRONICS



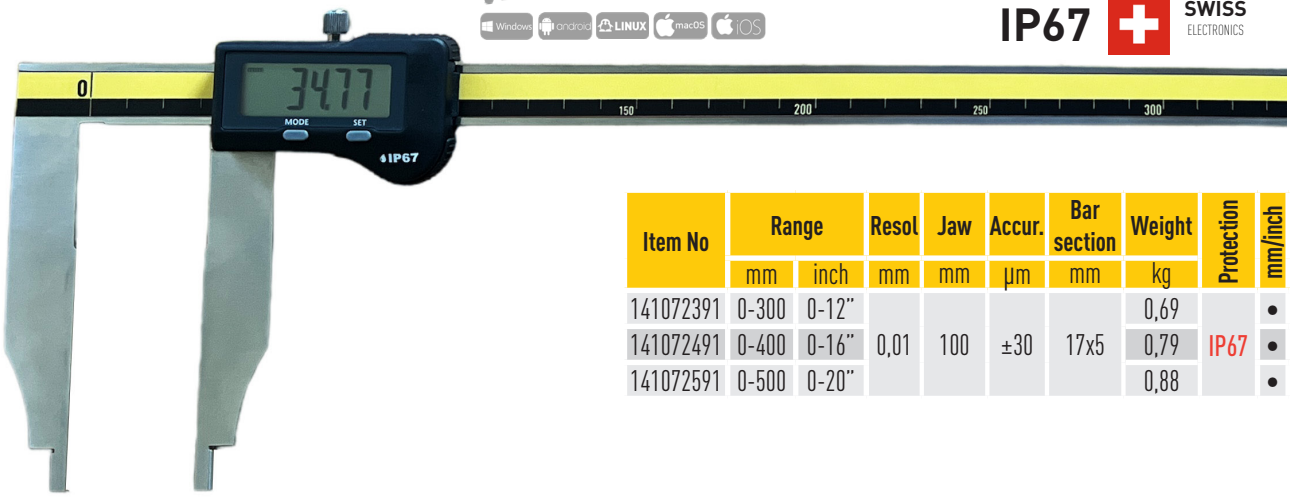
Item No	Range		Resol	Jaw	Accur.	Force	Bar section	Weight	Protection	mm/inch	Preset	ABS
	mm	inch	mm	mm	µm	N	mm	kg				
141073361	0-300	0-12"	0,001	100	±10	10N	23x6	1.11	IP67 Al case	•	•	•
141073561	0-500	0-20"			±15			1,45		•	•	•
141073562				150				1,75		•	•	•
141073661	0-600	0-24"		100				1,66		•	•	•
141073762	0-1000	0-40"		150	±20	15N	32x7	3,32		•	•	•

WIRELESS LIGHT LONG JAW DIGITAL CALIPER IP67

- Light 100mm jaw digital caliper with waterproof IP67 Swiss electronics with PRESET function
- 3 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

WIRELESS TO MDS APP
WIRELESS HID+MAC

IP67 SWISS ELECTRONICS



Item No	Range		Resol	Jaw	Accur.	Bar section	Weight	Protection	mm/inch	ABS	WIRELESS
	mm	inch	mm	mm	µm	mm	kg				
141072391	0-300	0-12"	0,01	100	±30	17x5	0,69	IP67	•	•	•
141072491	0-400	0-16"					0,79		•	•	•
141072591	0-500	0-20"					0,88		•	•	•

WIRELESS LONG JAW DIGITAL CALIPER IP67

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

WIRELESS TO MDS APP
WIRELESS HID+MAC

IP67 SWISS ELECTRONICS

Item No	Range		Resol	Jaw	Accur.	Bar section	Weight	Protection	mm/inch	Preset	ABS	WIRELESS
	mm	inch	mm	mm	µm	mm	kg					
141073592	0-500	0-20"	0,01	150	±30	23x6	1,75	IP67 Al case	•	•	•	•
141073595				300	±40		2,65		•	•	•	•
141073691	0-600	0-24"		100	±30		1,66		•	•	•	•
141073792	0-1000	0-40"		150	±40	32x7	3,32		•	•	•	•
141073795				300	±60		5,70		•	•	•	•
141073892	0-1500	0-60"		150	±50	42x8			•	•	•	•
141073895				300	±70				•	•	•	•
141073992	0-2000	0-80"		150	±60				•	•	•	•
141073995				300	±80				•	•	•	•
141073265	0-2500	0-100'			±90	53x8			•	•	•	•
141073315	0-3000	0-120'			±100				•	•	•	•
141073415	0-4000	0-160'			±130				•	•	•	•
141073515	0-5000	0-200'			±160				•	•	•	•

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

Download Windows App

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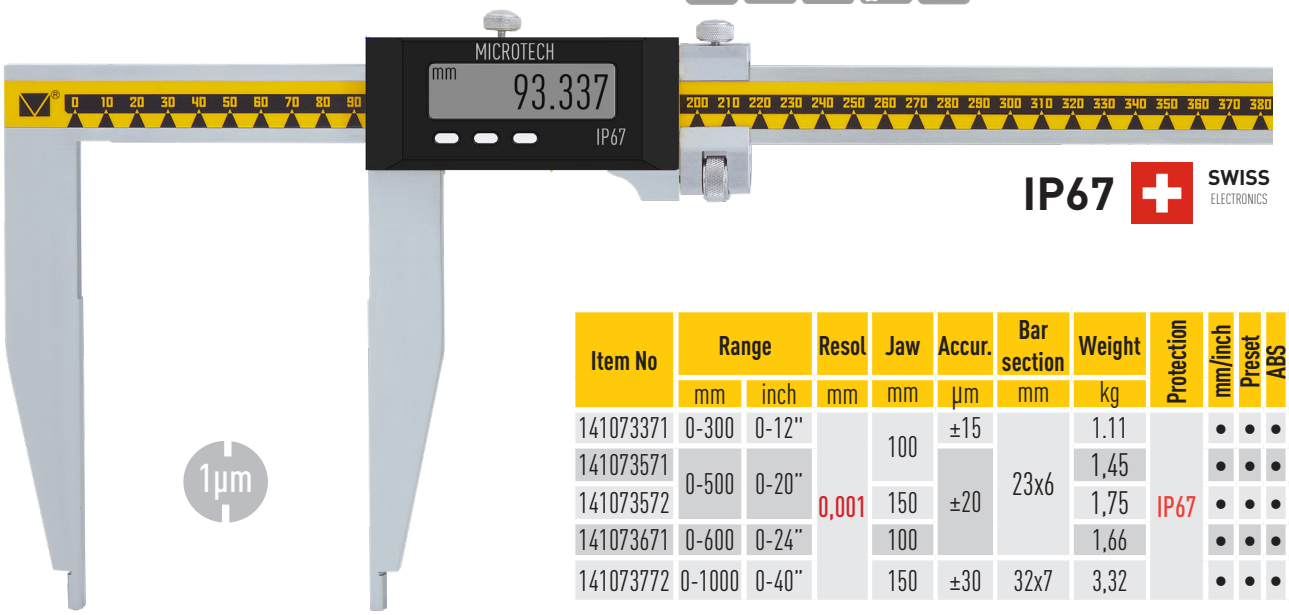
GET IT ON Google play

MADE IN UKRAINE

WIRELESS MICRON LONG JAW DIGITAL CALIPER IP67

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

WIRELESS TO MDS APP
WIRELESS HID+MAC



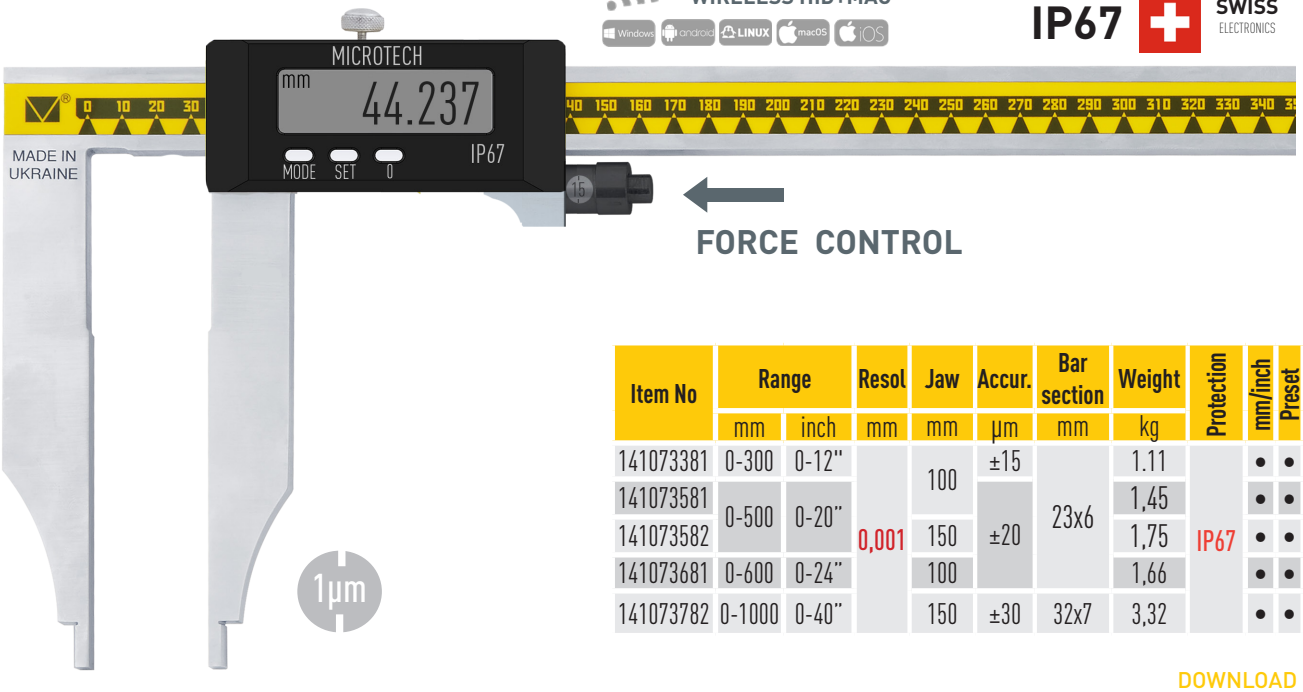
IP67 SWISS ELECTRONICS

Item No	Range		Resol	Jaw	Accur.	Bar section	Weight	Protection	mm/inch	Preset	ABS	WIRELESS
	mm	inch	mm	mm	µm	mm	kg					
141073371	0-300	0-12"	0,001	100	±15	23x6	1.11	IP67	•	•	•	•
141073571	0-500	0-20"			±20		1,45		•	•	•	•
141073572				150			1,75		•	•	•	•
141073671	0-600	0-24"		100			1,66		•	•	•	•
141073772	0-1000	0-40"		150	±30	32x7	3,32		•	•	•	•

WIRELESS MICRON FORCE LONG JAW DIGITAL CALIPER IP67

WIRELESS TO MDS APP
WIRELESS HID+MAC

IP67 SWISS ELECTRONICS



FORCE CONTROL

Item No	Range		Resol	Jaw	Accur.	Bar section	Weight	Protection	mm/inch	Preset	ABS	WIRELESS
	mm	inch	mm	mm	µm	mm	kg					
141073381	0-300	0-12"	0,001	100	±15	23x6	1.11	IP67	•	•	•	•
141073581	0-500	0-20"			±20		1,45		•	•	•	•
141073582				150			1,75		•	•	•	•
141073681	0-600	0-24"		100			1,66		•	•	•	•
141073782	0-1000	0-40"		150	±30	32x7	3,32		•	•	•	•

OPTIONAL ACCESSORIES

ACCESSORIES FOR DATA TRANSFER

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

DOWNLOAD APP

Download Windows App

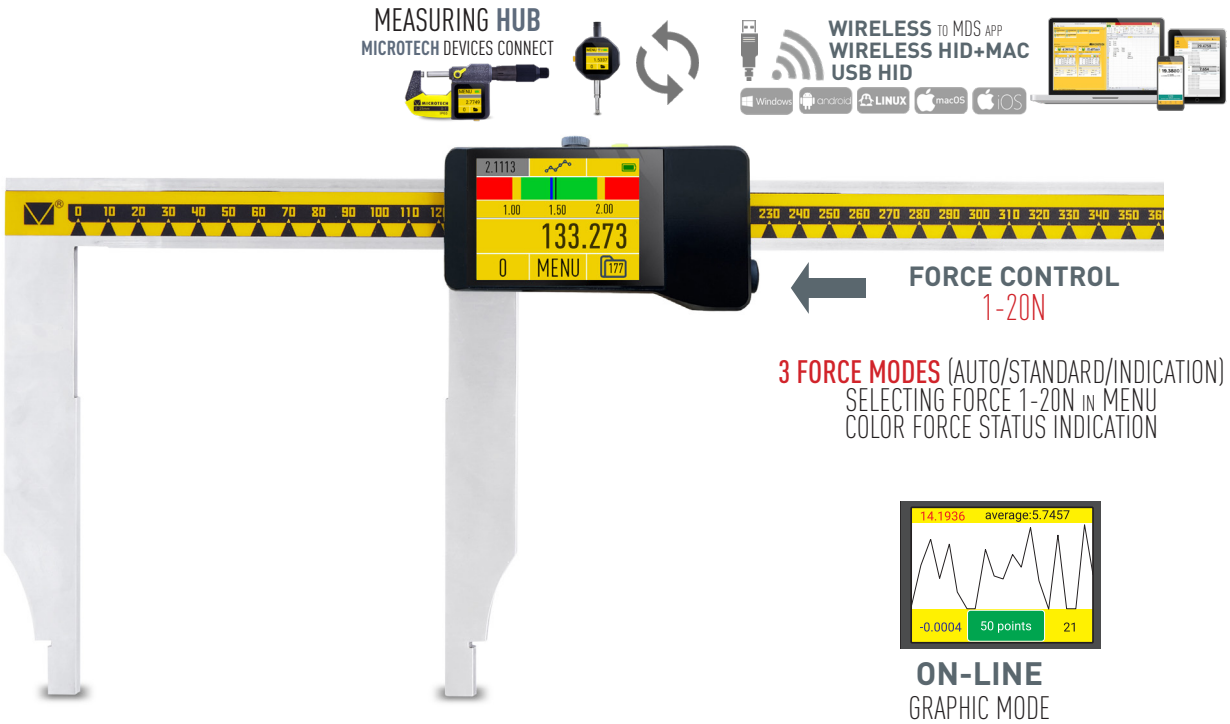
Download on the App Store

GET IT ON Google play

MADE IN UKRAINE

TABLET LONG JAW CALIPER

- **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))



ON-LINE
GRAPHIC MODE

Item No	Range mm	Range inch	Resol. mm	Jaws mm	Accuracy µm	eForce 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
141005216	0-500	0-20"	0,01	100	±30	1-20	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	•	•
141005226				150	±30		•	•	•	•	•	•	•	•	•	•	•	•			•	•
141005256				300	±30		•	•	•	•	•	•	•	•	•	•	•	•			•	•
141006216	0-630	0-25"		100	±30		•	•	•	•	•	•	•	•	•	•	•	•			•	•
141010216	0-1000	0-40"		150	±40		•	•	•	•	•	•	•	•	•	•	•	•			•	•
141010256				300	±50		•	•	•	•	•	•	•	•	•	•	•	•			•	•
141015216	0-1500	0-60"		150	±50		•	•	•	•	•	•	•	•	•	•	•	•			•	•
141015256				300	±60		•	•	•	•	•	•	•	•	•	•	•	•			•	•
141020216	0-2000	0-80"		150	±50		•	•	•	•	•	•	•	•	•	•	•	•			•	•
141020256				300	±60		•	•	•	•	•	•	•	•	•	•	•	•			•	•
141025256	0-2500	0-100"			±80		•	•	•	•	•	•	•	•	•	•	•	•			•	•
141030256	0-3000	0-120"			±90		•	•	•	•	•	•	•	•	•	•	•	•			•	•
141040256	0-4000	0-160"			±110		•	•	•	•	•	•	•	•	•	•	•	•			•	•
141050256	0-5000	0-200'			±130		•	•	•	•	•	•	•	•	•	•	•	•			•	•

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

IOT DATA BUTTON

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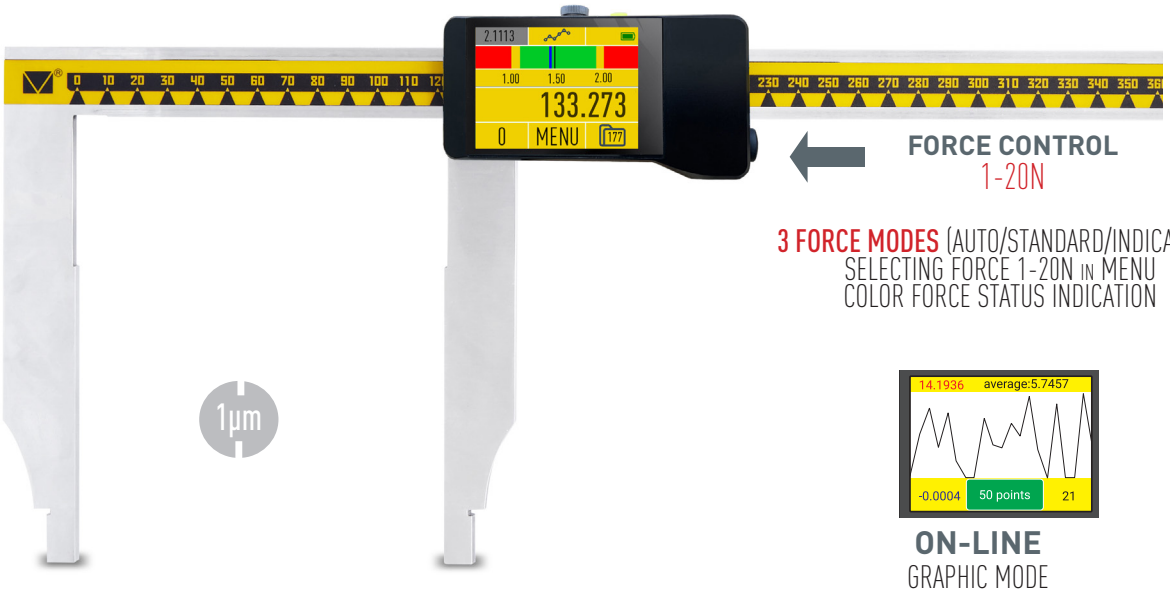
MADE IN UKRAINE

MICRON TABLET LONG JAW CALIPER



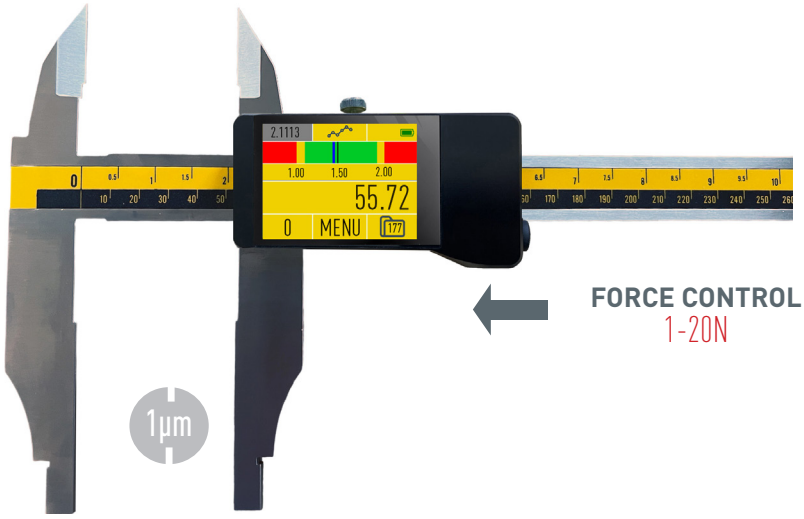
FORCE CONTROL
1-20N

3 FORCE MODES (AUTO/STANDARD/INDICATION)
SELECTING FORCE 1-20N IN MENU
COLOR FORCE STATUS INDICATION

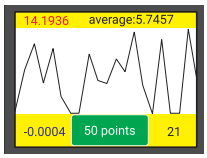
ON-LINE
GRAPHIC MODE

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

MICRON TABLET E-FORCE CALIPER POINTS JAWS



FORCE CONTROL
1-20N



ON-LINE
GRAPHIC MODE

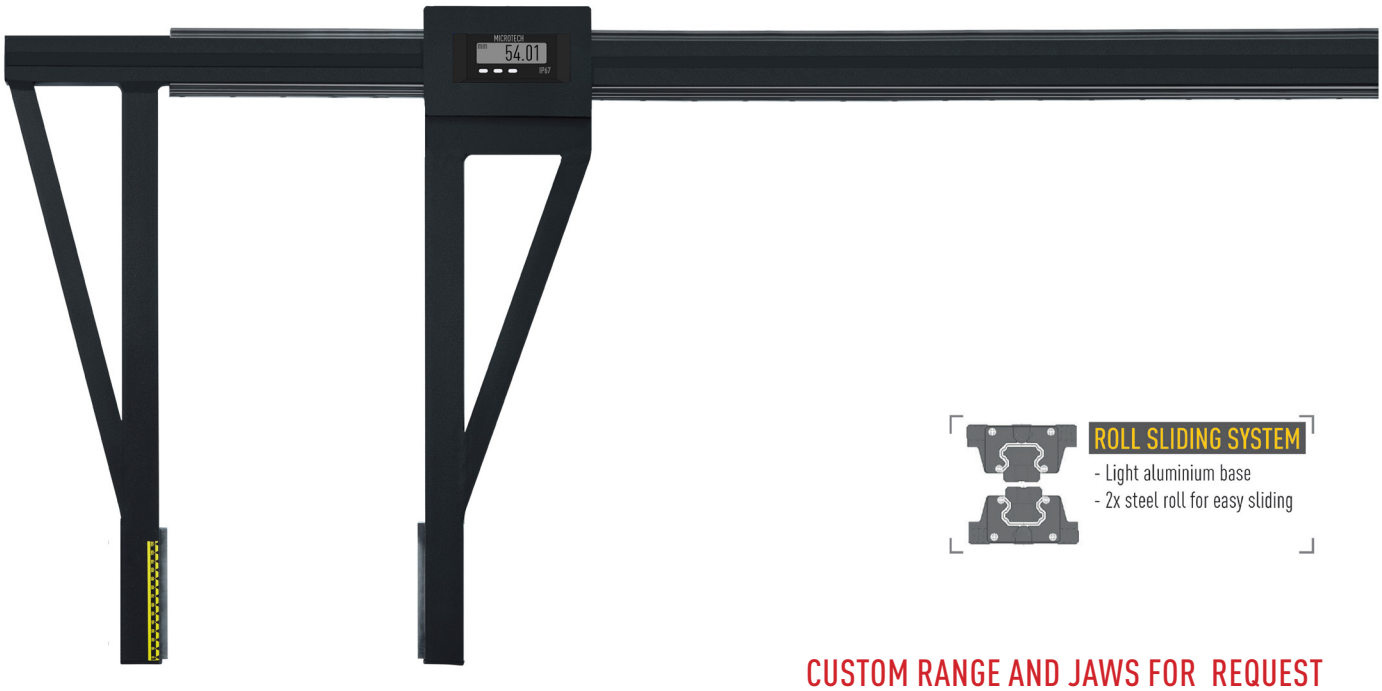
Item No	Range		Reso-lution	Accu-racy*	Force	Jaws	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Auto off	Password	Memory	Folders	Statistics	WIRELESS	USB HID	FW update
	mm	inch	mm	µm	N	mm																	
141077521A	0-500	0-20"	0,01	±30	1-20	100/40	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
141097521A			0,001	±20			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

MADE IN UKRAINE

EXTRA LONG JAW CALIPER IP67

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

IP67 SWISS ELECTRONICS



ROLL SLIDING SYSTEM
- Light aluminium base
- 2x steel roll for easy sliding

CUSTOM RANGE AND JAWS FOR REQUEST

Item No	Range mm	Range inch	Resol. mm	Jaws mm	Accuracy µm	Weight kg	Protection	mm/inch	Preset	ABS	Display
142408445	0-800	0-32"	0,001	400	±25	3,9	IP67 Al case	•	•	•	Big screen Swiss electronics IP67 in AL case
142408444			0,01		±30	3,9		•	•	•	
142411445	0-1000	0-40"	0,001	400	±30	4,3		•	•	•	
142411444			0,01		±40	4,3		•	•	•	
142411464				600	±50	4,7		•	•	•	
142418445	0-1800	0-60"	0,001	400	±40	6.2		•	•	•	
142418444			0,01		±50	6.2		•	•	•	
142418464				600	±60	6,6		•	•	•	
142120144	0-2000	0-80"		400	±60	17,5		•	•	•	
142120164				600	±85	18,0		•	•	•	
142120104				1000	±120	19,0		•	•	•	
142125144	0-2500	0-100"		400	±90	20.0		•	•	•	
142125164				600	±105	20,5		•	•	•	
142125104				1000	±140	21.5		•	•	•	
142130144	0-3000	0-120"		400	±100	24.0		•	•	•	
142130164				600	±110	24.5		•	•	•	
142130104				1000	±160	25.5		•	•	•	
142135144	0-3500	0-140"		400	±120	26.5		•	•	•	
142135164				600	±160	27.0		•	•	•	
142135104				1000	±240	28.0		•	•	•	

OPTIONAL ACCESSORIES

3-15N
FORCE MODULE

MADE IN UKRAINE

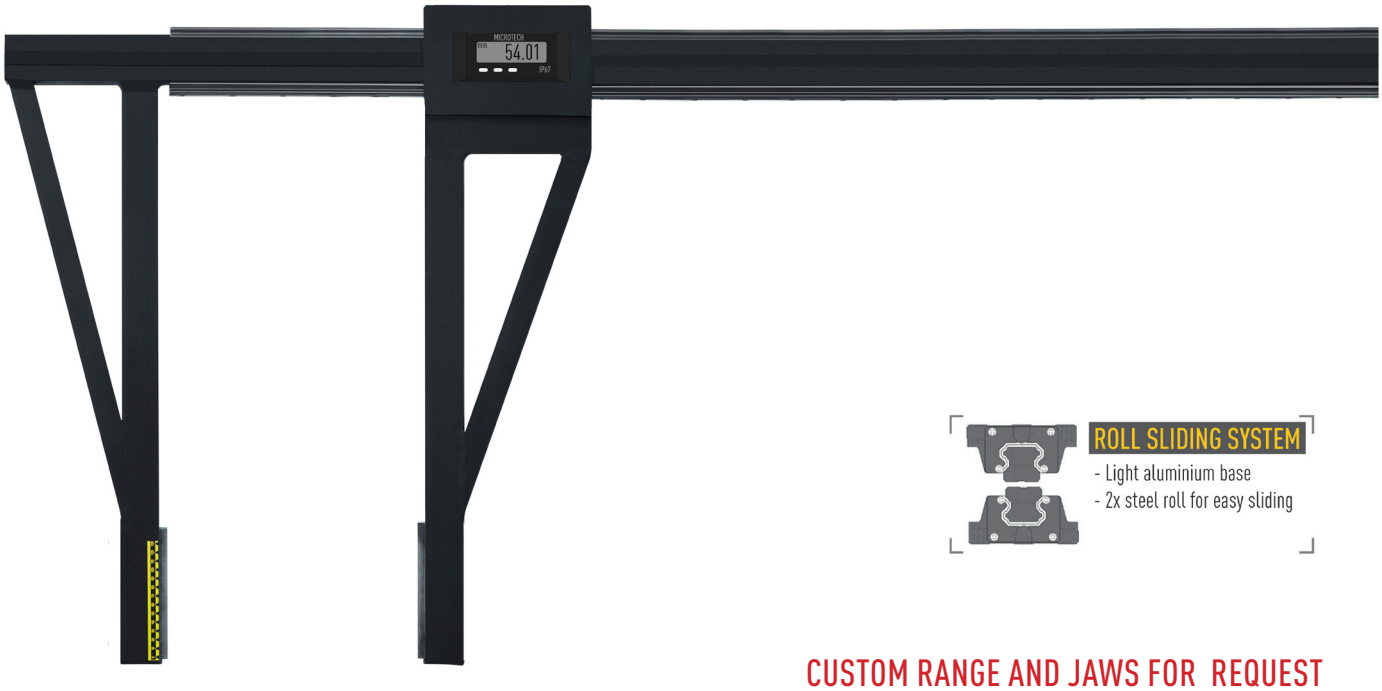
WIRELESS EXTRA LONG JAW CALIPER IP67

MICROTECH

- Extra Long jaw digital caliper with waterproof IP67 Swiss electronics in Al case
- Jaw length up to 1000m
- Aluminium construction with precision linear guides
- 3 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

IP67 SWISS ELECTRONICS

WIRELESS TO MDS APP
WIRELESS HID+MAC



ROLL SLIDING SYSTEM
- Light aluminium base
- 2x steel roll for easy sliding

CUSTOM RANGE AND JAWS FOR REQUEST

Item No	Range mm	Range inch	Resol. mm	Jaws mm	Accuracy µm	Weight kg	Protection	mm/inch	Preset	ABS	WIRELESS	Display
142408447	0-800	0-32"	0,001	400	±25	3,9	IP67 Al case	•	•	•	•	Big screen Swiss electronics IP67 in AL case
142408446			0,01		±30	3,9		•	•	•	•	
142411447	0-1000	0-40"	0,001	400	±30	4,3		•	•	•	•	
142411446			0,01		±40	4,3		•	•	•	•	
142411466				600	±50	4,7		•	•	•	•	
142418447	0-1800	0-60"	0,001	400	±40	6.2		•	•	•	•	
142418446			0,01		±50	6.2		•	•	•	•	
142418466				600	±60	6,6		•	•	•	•	
142120146	0-2000	0-80"		400	±60	17,5		•	•	•	•	
142120166				600	±85	18,0		•	•	•	•	
142120106				1000	±120	19,0		•	•	•	•	
142125146	0-2500	0-100"		400	±90	20.0		•	•	•	•	
142125166				600	±105	20,5		•	•	•	•	
142125106				1000	±140	21.5		•	•	•	•	
142130146	0-3000	0-120"		400	±100	24.0		•	•	•	•	
142130166				600	±110	24.5		•	•	•	•	
142130106				1000	±160	25.5		•	•	•	•	
142135146	0-3500	0-140"		400	±120	26.5		•	•	•	•	
142135166				600	±160	27.0		•	•	•	•	
142135106				1000	±240	28.0		•	•	•	•	

OPTIONAL ACCESSORIES

FORCE MODULE
3-15N

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

DOWNLOAD APP

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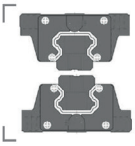
GET IT ON Google play

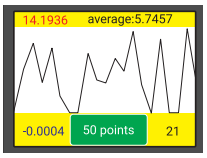
MADE IN UKRAINE

TABLET LIGHT LONG JAW CALIPER

- **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))



ROLL SLIDING SYSTEM
- Light aluminium base
- 2x steel roll for easy sliding



ON-LINE
GRAPHIC MODE

Item No	Range		Resol.	Jaws	Accu-racy	Weight	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID
	mm	inch	mm	mm	µm	kg															
142408442	0-800	0-32"	0,01	400	±30	3,9	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	•
142411442	0-1000	0-40"		400	±40	4,3	•	•	•	•	•	•	•	•	•	•	•	•			•
142411462				600	±60	4,7	•	•	•	•	•	•	•	•	•	•	•	•			•
142418442	0-1800	0-60"		400	±60	6.2	•	•	•	•	•	•	•	•	•	•	•	•			•
142418462				600	±80	6,6	•	•	•	•	•	•	•	•	•	•	•	•			•

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

IOT DATA BUTTON

DOWNLOAD APP

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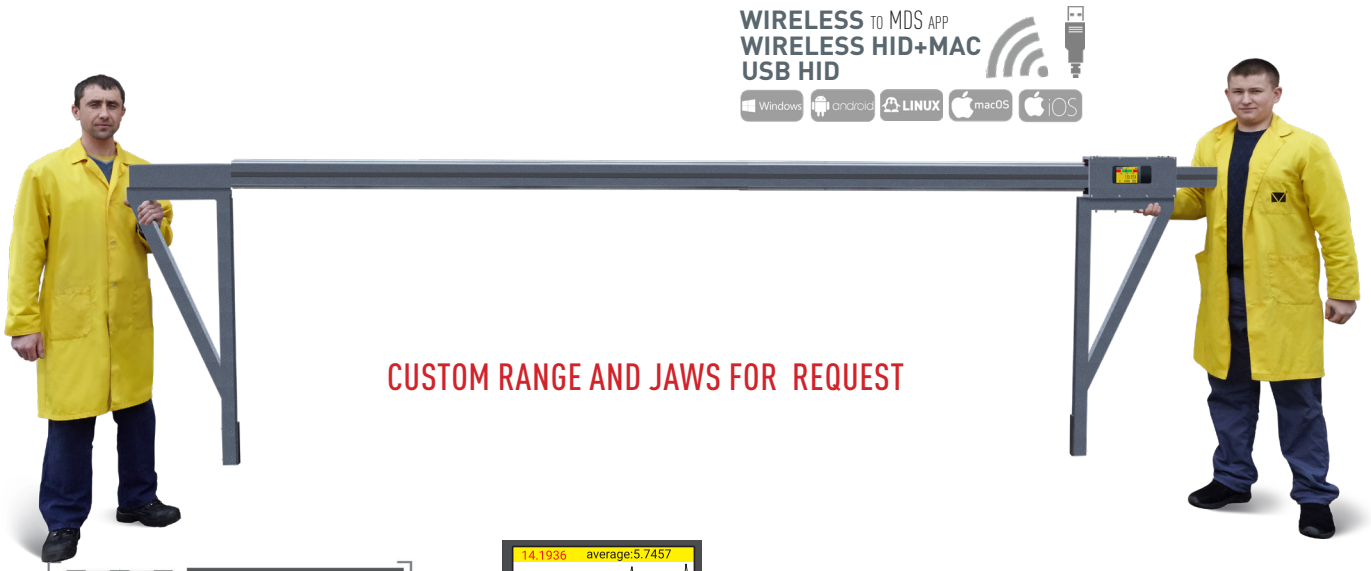
MADE IN UKRAINE

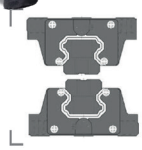
TABLET EXTRA LONG JAW CALIPER

MICROTECH

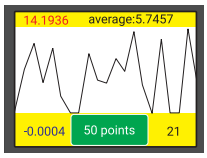
- **Industry 4.0** adopted Extra long jaw Tablet caliper with computerized MICS system with 2.4" color Touchscreen
- **Patents** US10184772, UA111194, UA112361, UA121681, UA2022205040
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction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



CUSTOM RANGE AND JAWS FOR REQUEST



ROLL SLIDING SYSTEM
- Light aluminium base
- 2x steel roll for easy sliding



ON-LINE
GRAPHIC MODE

Item No	Range mm	Range inch	Resol. mm	Jaws mm	Accu-racy µm	Weight kg	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID
142120142	0-2000	0-80"	0.01	400	±60	17,5	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	•
142120162				600	±85	18,0	•	•	•	•	•	•	•	•	•	•	•	•			•
142120102				1000	±120	19,0	•	•	•	•	•	•	•	•	•	•	•	•			•
142125142	0-2500	0-100"		400	±90	20.0	•	•	•	•	•	•	•	•	•	•	•	•			•
142125162				600	±105	20,5	•	•	•	•	•	•	•	•	•	•	•	•			•
142125102				1000	±140	21.5	•	•	•	•	•	•	•	•	•	•	•	•			•
142130142	0-3000	0-120"		400	±100	24.0	•	•	•	•	•	•	•	•	•	•	•	•			•
142130162				600	±110	24.5	•	•	•	•	•	•	•	•	•	•	•	•			•
142130102				1000	±160	25.5	•	•	•	•	•	•	•	•	•	•	•	•			•
142135142	0-3500	0-140"		400	±120	26.5	•	•	•	•	•	•	•	•	•	•	•	•			•
142135162				600	±160	27.0	•	•	•	•	•	•	•	•	•	•	•	•			•
142135102				1000	±240	28.0	•	•	•	•	•	•	•	•	•	•	•	•			•

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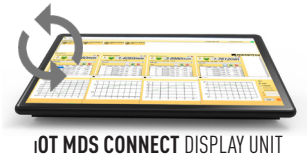
OPTIONAL ACCESSORIES

ACCESSORIES FOR DATA TRANSFER

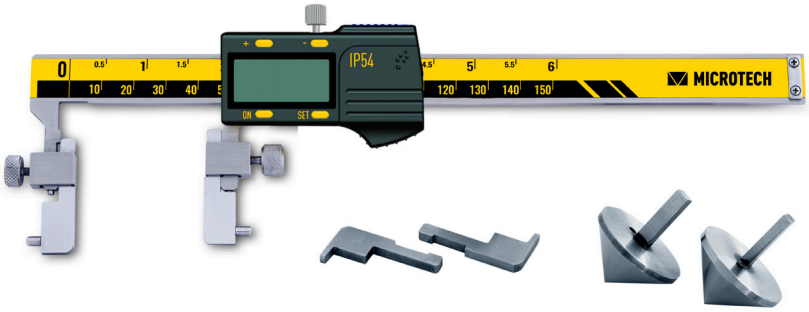


IOT MDS CONNECT DISPLAY UNIT
USB, WI-FI, RJ-45, RS-485, LoRa OUTPUT

IOT DATA BUTTON

MADE IN UKRAINE

- 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))

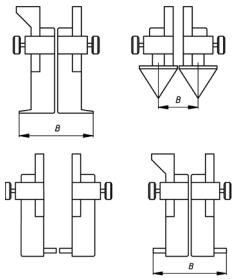


IP67 SWISS ELECTRONICS

OPTIONAL WIRELESS TO MDS APP WIRELESS HID+MAC

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

FORCE CONTROL 1-20N



3 PAIRS ANVILS

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

INTERCHANGEABLE POINTS CALIPER

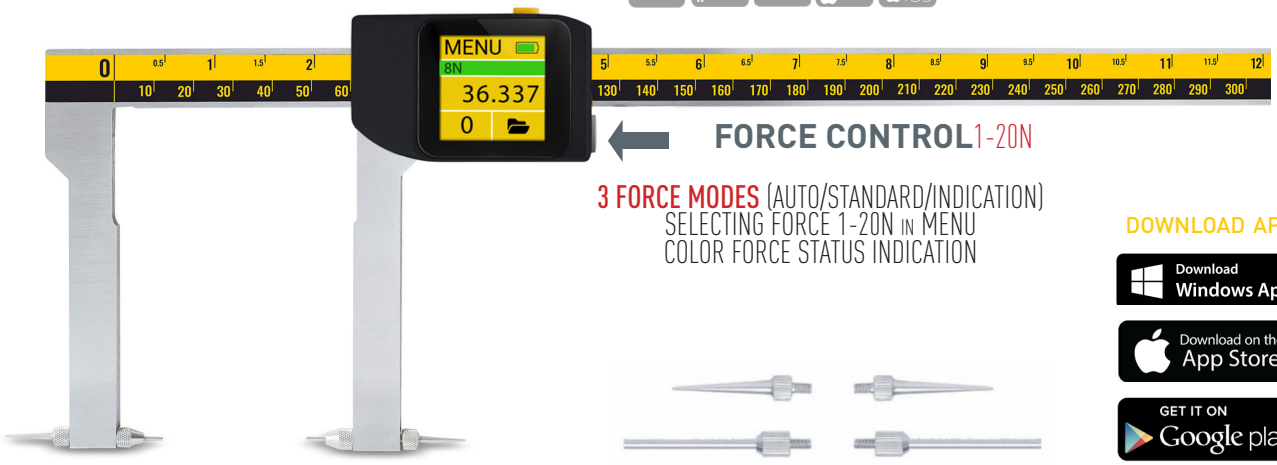
MICROTECH

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

IP67 SWISS ELECTRONICS

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

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



FORCE CONTROL 1-20N

3 FORCE MODES (AUTO/STANDARD/INDICATION)
SELECTING FORCE 1-20N IN MENU
COLOR FORCE STATUS INDICATION

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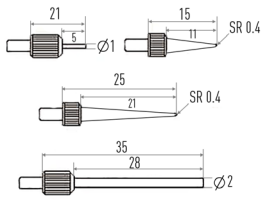
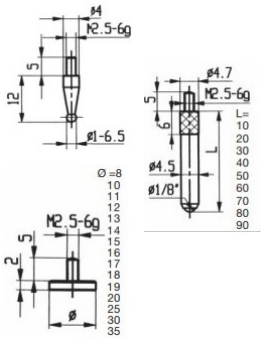
Item No	Range mm	Range inch	Depth mm	Reso-lution mm	Accu-racy µm	Anvils SET	Force N	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
INTERCHANGEABLE ANVIL DIGITAL CALIPER IP54																				
141650301	0-300	0-12"	90	0.01	±40	4 pairs	-	IP54	•											•
141650501	0-500	0-20"	150		±50				•											•
INTERCHANGEABLE ANVIL DIGITAL CALIPER IP67																				
141650303	0-300	0-12"	90	0.01	±40	4 pairs	-	IP67	•						•					
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	•						•				•	
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	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	•
141650507	0-500	0-20"	150	0,01	±30				•	•	•	•	•	•	•	•	•			•



4 PAIR ANVILS



OPTIONAL ANVILS

MADE IN UKRAINE

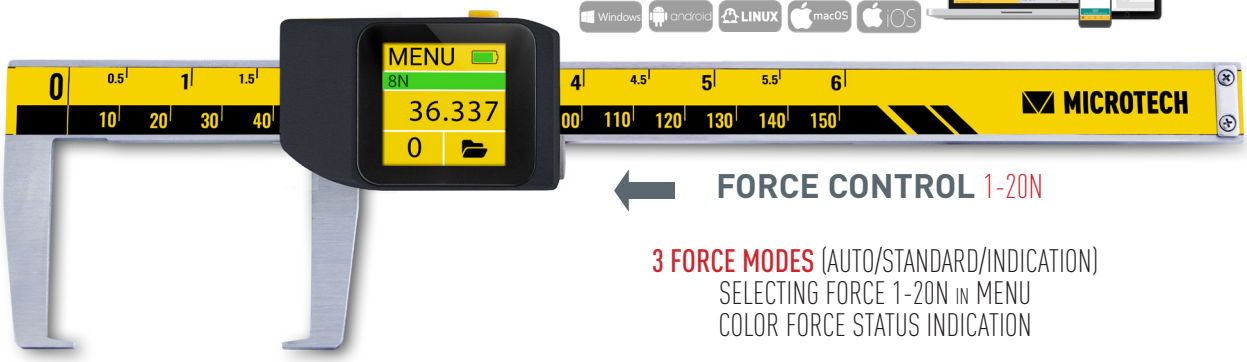
OUTSIDE GROOVE CALIPER

- 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))

IP67 SWISS ELECTRONICS

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

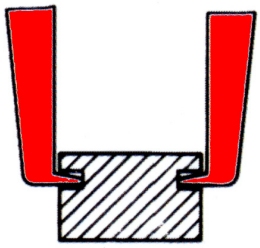
WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID
Windows android LINUX macOS iOS

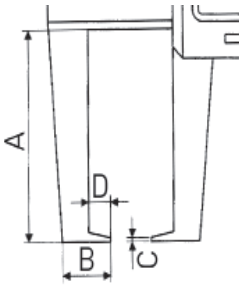


FORCE CONTROL 1-20N

3 FORCE MODES (AUTO/STANDARD/INDICATION)
SELECTING FORCE 1-20N IN MENU
COLOR FORCE STATUS INDICATION

Item No	Range mm	Range inch	Reso-lution mm	Accu-racy µm	Force N	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID
OUTSIDE GROOVE DIGITAL CALIPER IP54																		
141430150	0-150	0-6"	0,01	±30	-	IP54												•
141430200	0-200	0-8"		±30														•
141430300	0-300	0-12"		±30														•
OUTSIDE GROOVE DIGITAL CALIPER IP67																		
141430156	0-150	0-6"	0,001	±10	8/4	IP67							•					
141430153			0,01	±30	-		•						•					
141430203	0-200	0-8"		±30			•						•					
141430303	0-300	0-12"		±30			•						•					
OUTSIDE GROOVE WIRELESS CALIPER IP67																		
141430154	0-150	0-6"	0,01	±30	-		•						•				•	
141430204	0-200	0-8"		±30			•						•				•	
141430304	0-300	0-12"		±30			•						•				•	
OUTSIDE GROOVE COMPUTERIZED CALIPER IP54																		
141430157	0-150	0-6"	0,005	±20	1-20	IP54	•	•	•	•	•	•	•	•	•	•	•	•
141430207	0-200	0-8"		±25			•	•	•	•	•	•	•	•	•	•	•	•
141430307	0-300	0-12"		±25			•	•	•	•	•	•	•	•	•	•	•	•





	A	B	C	D
mm	mm	mm	mm	mm
0-150	25	9	1	5
0-200	25	9	1.5	8
0-300	43	16	1.5	8

MADE IN UKRAINE

OUTSIDE POINT CALIPER

- 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 mm	Range inch	Resolution mm	Jaws Depth mm	Jaws D point mm	Accuracy µm	Force N	Protection	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID
OUTSIDE POINT DIGITAL CALIPER IP54																							
141403141	0-300	0-12"	0.005	90	1	±40		IP54															
141405141	0-500	0-20"	0,01	150		±50						•											
141405151				300	3							•											
141410151	0-1000	0-40"				±80						•											
OUTSIDE POINT DIGITAL CALIPER IP67																							
141403143	0-300	0-12"	0,01	90	1	±30	12N	IP67				•						•					
141405143	0-500	0-20"		150		±40						•						•					
141405153				300	3							•						•					
141410153	0-1000	0-40"				±70						•						•					
WIRELESS OUTSIDE POINT WIRELESS CALIPER IP67																							
141403144	0-300	0-12"	0,01	90	1	±30	12N	IP67				•						•				•	
141405144	0-500	0-20"		150		±40						•						•				•	
141405154				300	3							•						•				•	
141410154	0-1000	0-40"				±70						•						•				•	
OUTSIDE POINT COMPUTERIZED CALIPER IP54																							
141403146	0-300	0-12"	0.005	90	1	±25	1-20	IP54				•	•	•	•	•	•	•	•	•	•	•	•
141405146	0-500	0-20"	0,01	150		±40			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
141405156				300	3				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
141410156	0-1000	0-40"				±60			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL
ACCESSORIES

ACCESSORIES FOR DATA TRANSFER

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

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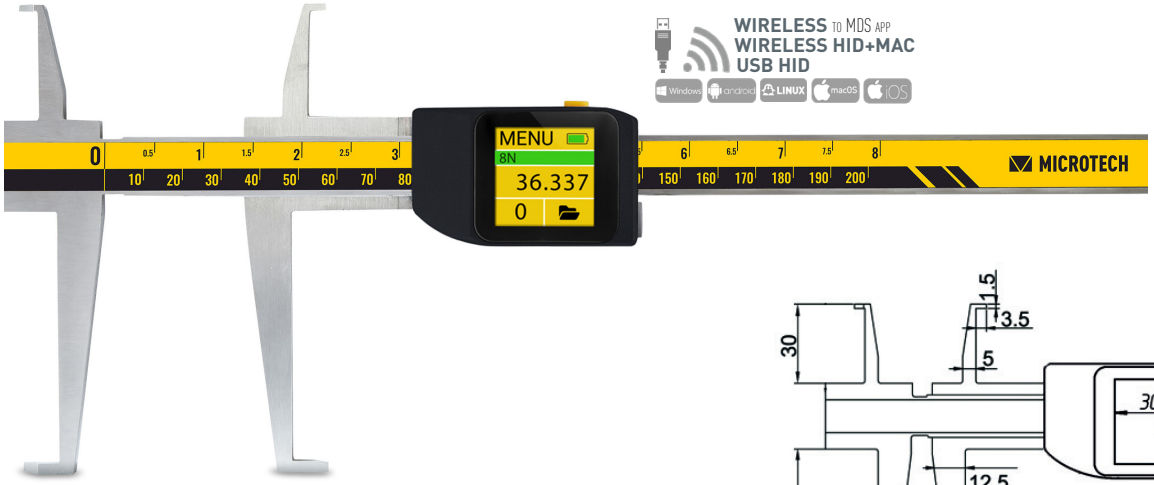
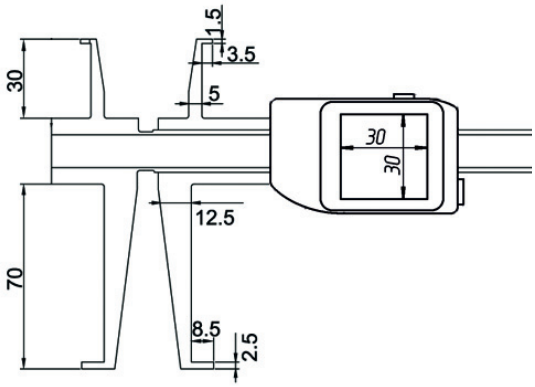
MADE IN UKRAINE

INSIDE GROOVE CALIPER

- 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 upper mm	Range upper inch	Range lower mm	Range lower inch	Jaws upper mm	Jaws lower mm	Pins upper mm	Pins lower mm	Reso-lution mm	Accu-racy µm	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Calibr date	Memory	WIRELESS	USB HID
INSIDE GROOVE DIGITAL CALIPER IP54																					
141220200	9-200	0.4-8"	17-200	0,7-8"	30	70	3,5x1,5	8,5x2,5	0,01	±30	IP54										•
141220300	9-300	0.4-12"	17-300	0,7-12"						±40											•
INSIDE GROOVE DIGITAL CALIPER IP67																					
141220206	9-199	0.4-8"	17-199	0,7-8"	30	70	3,5x1,5	8,5x2,5	0,001	±20	IP67	•									
141220203	9-200		17-200						0,01	±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	•								•	
141220304	9-300	0.4-12"	17-300	0,7-12"						±40		•								•	
INSIDE GROOVE COMPUTERIZED CALIPER IP54																					
141220207	9-200	0.4-8"	17-200	0,7-8"	30	70	3,5x1,5	8,5x2,5	0,005	±20	IP54	•	•	•	•	•	•	•	•	•	•
141220307	9-300	0.4-12"	17-300	0,7-12"						±25		•	•	•	•	•	•	•	•	•	•

MADE IN UKRAINE

INSIDE POINT CALIPER

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

IP67

SWISS ELECTRONICS

CUSTOM RANGE AND JAWS FOR REQUEST

Item No	Range mm	Range inch	Resolution mm	Jaws Depth mm	Jaws D point mm	Accuracy µm	Measuring HUB	Analog scale	Line Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID
INSIDE POINT DIGITAL CALIPER IP54																					
141305141	42-542	1.7-22"	0,01	150	1	±50				•											•
141305151	75-575	3-23"		300	3					•											•
141310151	85-1000	4-44"				±80				•											•
INSIDE POINT DIGITAL CALIPER IP67																					
141305143	42-542	1.7-22"	0,01	150	1	±50				•						•					
141305153	75-575	3-23"		300	3					•						•					
141310153	85-1000	4-44"				±80				•						•					
INSIDE POINT WIRELESS CALIPER IP67																					
141305144	42-542	1.7-22"	0,01	150	1	±50				•						•				•	
141305154	75-575	3-23"		300	3					•						•				•	
141310154	85-1000	4-44"				±80				•						•				•	
INSIDE POINT COMPUTERIZED CALIPER IP54																					
141305146	42-52	1.7-22"	0,01	150	1	±40	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
141305156	75-575	3-23"		300	3		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
141310156	85-1085	4-44"				±60	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL
ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

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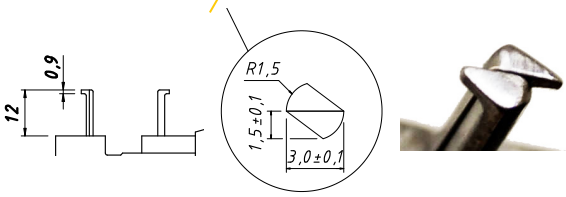
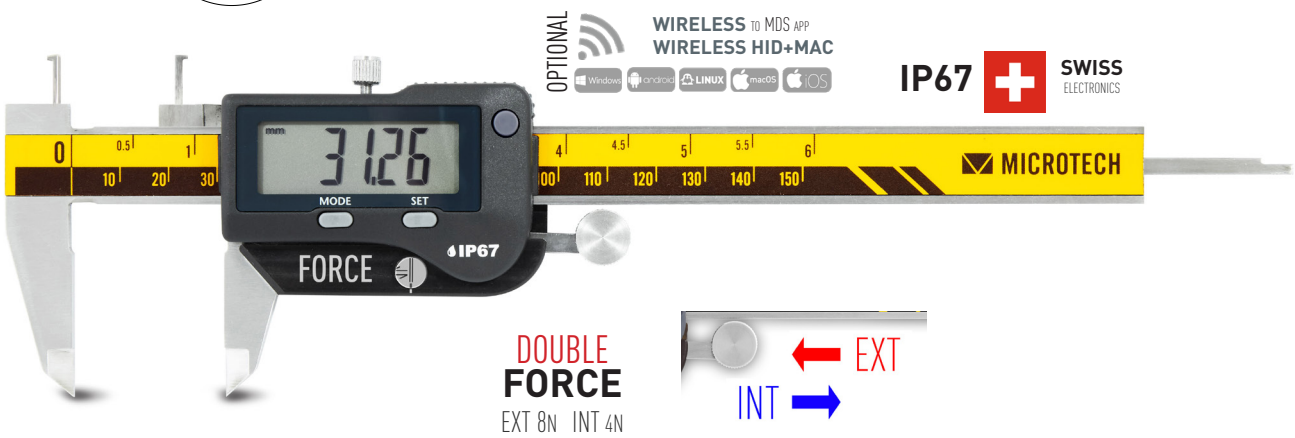
MADE IN UKRAINE

SMALL GROOVES DIGITAL CALIPER IP67





DOUBLE
FORCE
EXT 8N INT 4N

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

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FLAT INTERNAL JAWS DIGITAL CALIPER

LONG FLAT INTERNAL JAWS WITH LENGTH 60mm

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

MADE IN UKRAINE

LONG INTERNAL JAW CALIPER

MICROTECH

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

IP67 SWISS ELECTRONICS

Item No	Range mm	Range inch	Reso-lution mm	Accuracy µm	Jaws External mm	Jaws Internal mm	Protection	mm/inch	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	USB	WIRELESS
LONG INTERNAL JAW DIGITAL CALIPER IP54																				
141130151	0-150	0-6"	0,01	±30	40	41.5	IP54	•	•										•	
141130301	0-300	0-12"		±40				•	•										•	
LONG INTERNAL JAW DIGITAL CALIPER IP67																				
141130153	0-150	0-6"	0,01	±30	40	41.5	IP67	•	•											
141130303	0-300	0-12"		±40				•	•											
LONG INTERNAL JAW WIRELESS CALIPER IP67																				
141130154	0-150	0-6"	0,01	±30	40	41.5	IP67	•	•											•
141130304	0-300	0-12"		±40				•	•											•
LONG INTERNAL JAW COMPUTERIZED CALIPER																				
141130156	0-150	0-6"	0,005	±20	40	41.5	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•
141130306	0-300	0-12"		±30				•	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

IOT DATA BUTTON

DOWNLOAD APP

Download Windows App

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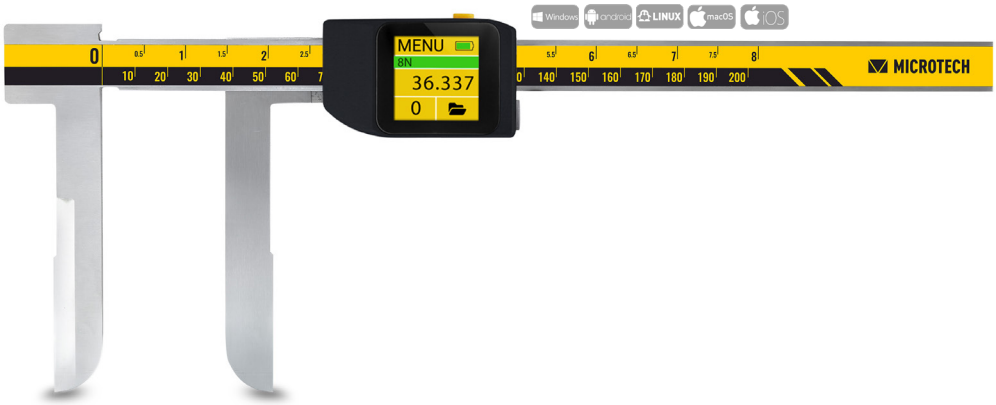
MADE IN UKRAINE

KNIFE EDGE INSIDE CALIPER

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

OPTIONAL WIRELESS TO MDS APP
WIRELESS HID+MAC

IP67 SWISS ELECTRONICS



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

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

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

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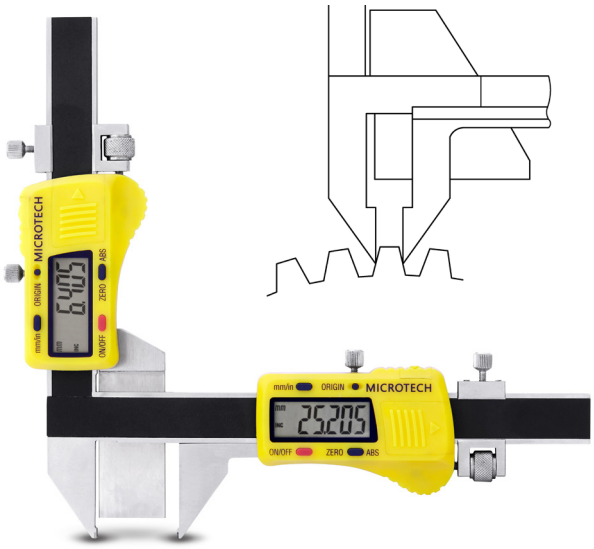
MADE IN UKRAINE

GEAR TOOTH DIGITAL CALIPER IP54



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

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

MICRON GEAR TOOTH DIGITAL CALIPER IP67

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

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

MICRON WIRELESS GEAR TOOTH DIGITAL CALIPER IP67

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

DOWNLOAD APP

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MADE IN UKRAINE

OFFSET CENTERLINE CALIPER

- OFFSET CENTERLINE caliper for hole center distance measurings
- Digital IP54 or IP67 SWISS electronics with PRESET funciton
- MODIFICATION with **WIRELESS** data transfer **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

SWISS ELECTRONICS
IP67

WIRELESS TO MDS APP
WIRELESS HID+MAC

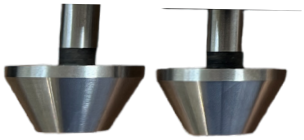
SWISS ELECTRONICS
IP67

CUSTOM RANGE AND ANVILS FOR REQUEST

Item No	Range mm	Range inch	Reso-lution mm	Accu-racy µm	Anvil D standard mm	Anvil D option mm	Protection	Preset	USB
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				•	

ANVIL D=10MM

ANVIL D=20MM



ANVIL D=35MM

CUSTOM RANGE AND ANVILS FOR REQUEST

MADE IN UKRAINE

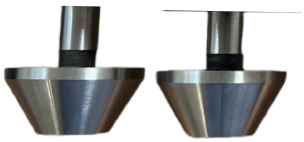
OFFSET CENTERLINE CALIPER

MICROTECH

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

ANVIL D=10MM

ANVIL D=20MM



ANVIL D=35MM

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
					standard	option															
	mm	inch	mm	µm	mm	mm	N														
141730157	10-160	0.4-6.4"	0,005	±20	10	20, 35	1-20	IP54	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	•
141730207	10-210	0.4-8.4"							•	•	•	•	•	•	•	•	•	•			•
141270307	10-310	0.4-12.4"		±25					•	•	•	•	•	•	•	•	•	•			•
141730517	20-520	0.8-20.4"	0,01	±30	20	35, 50			•	•	•	•	•	•	•	•	•	•			•
141731017	20-1020	0,8-40,4"		±40					•	•	•	•	•	•	•	•	•	•			•
141731517	20-1520	0,8-40,4"		±50					•	•	•	•	•	•	•	•	•	•			•
141732017	20-2020	0,8-60,4"		±60					•	•	•	•	•	•	•	•	•	•			•
141733017	20-3020	0,8-80,4"		±70					•	•	•	•	•	•	•	•	•	•			•

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

IOT DATA BUTTON

DOWNLOAD APP

Download Windows App

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MADE IN UKRAINE

- OFFSET caliper for measure hard to get dimensions
- Digital IP54 / IP67 or Computerized MICS indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range	Jaws slide	Jaws fix	Reso-lution	Accu-racy	Force	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	mm	mm	mm	mm	µm	N														
OFFSET DIGITAL CALIPER IP54																				
141740150	0-150	110	40	0,01	±30		IP54													•
141740300	0-300	130	60		±40															•
OFFSET DIGITAL CALIPER IP67																				
141740153	0-150	110	40	0,01	±30		IP67	•												
141740303	0-300	130	60		±40			•												
OFFSET WIRELESS CALIPER IP67																				
141740154	0-150	110	40	0,01	±30		IP67	•											•	
141740304	0-300	130	60		±40			•											•	
OFFSET COMPUTERIZED CALIPER IP54																				
141740157	0-150	110	40	0,005	±20	1-20	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•
141740307	0-300	130	60		±30			•	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

IOT DATA BUTTON

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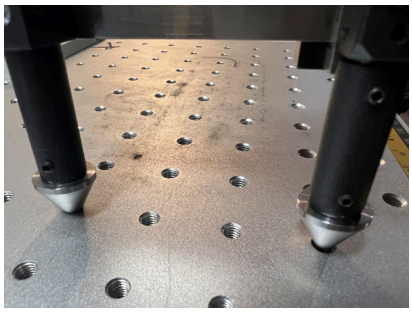
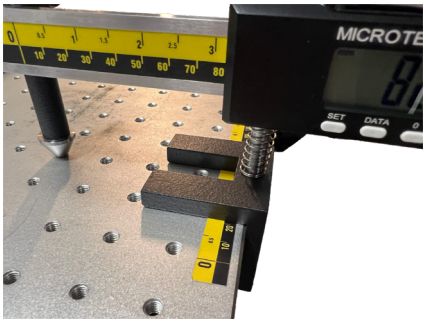
MADE IN UKRAINE

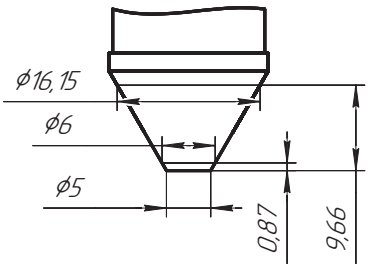
OFFSET CORNER CALIPER

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

IP67 SWISS ELECTRONICS







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

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

IOT DATA BUTTON

DOWNLOAD APP

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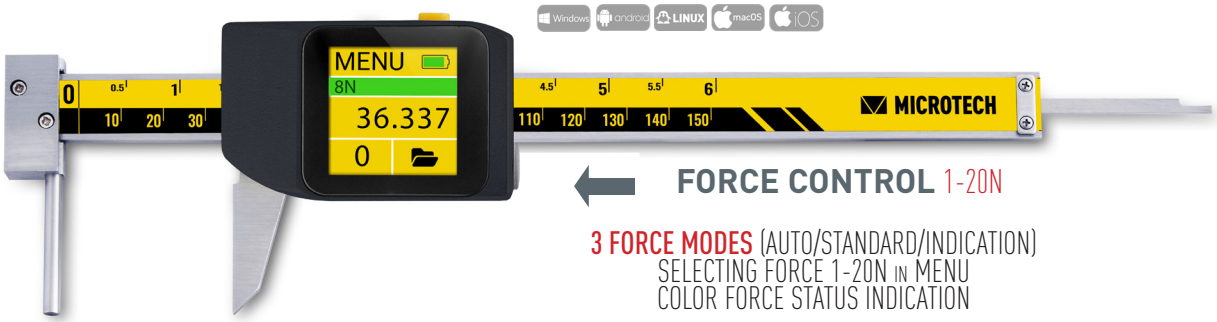
MADE IN UKRAINE

- TUBE caliper for wall depth 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))

WIRELESS TO MDS APP
WIRELESS HID+MAC

IP67 SWISS ELECTRONICS

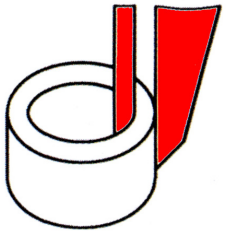
WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

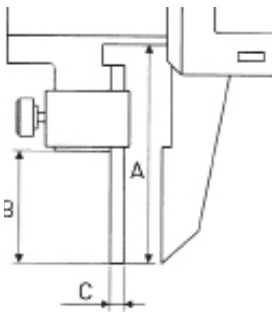


FORCE CONTROL 1-20N

3 FORCE MODES (AUTO/STANDARD/INDICATION)
SELECTING FORCE 1-20N IN MENU
COLOR FORCE STATUS INDICATION

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





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

THREAD DIGITAL CALIPER IP67

- 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))

DOUBLE FORCE
EXT 8N INT 4N

IP67 SWISS ELECTRONICS

INTERNAL & EXTERNAL ANVILS ARE OPTIONAL

CUSTOM RANGE AND ANVILS FOR REQUEST

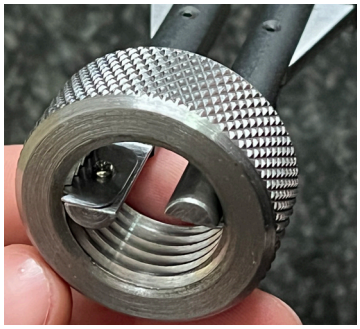
Item No	Range		Reso-lution	Double force	Protection	Fixator	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	N						
141076122T	0-150	0-6"	0,001	8 ext 4 int	IP-67	•	•	•	•	
141078122T			0,01			•	•	•	•	
141078192T						•	•	•	•	•
141078322T	0-300	0-12"				•	•	•	•	
141078392T						•	•	•	•	•

THREAD ANVILS (PAIR)

Item No	Pitch	Angle
	mm	grad
141377110T	1,0	60°
141377112T	1,25	
141377115T	1,5	
141377120T	2,0	
141377125T	2,5	
141377130T	3,0	
141377135T	3,5	
141377140T	4,0	
141377145T	4,5	
141377150T	5,0	
141377155T	5,5	
141377160T	6,0	
141377165T	6,5	
141377170T	7,0	
141377106T	SET Metric 60° 1,5-6mm (10pcs)	
141377107T	SET Metric 60° 1,5-7mm (12pcs)	

Item No	Pitch	Angle
	mm	grad
141377302T	2	Tr 30°
141377303T	3	
141377304T	4	
141377305T	5	
141377306T	6	
141377307T	7	
141377308T	8	
141377309T	9	
141377310T	10	
141377312T	12	
141377316T	16	
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
141377291T	SET BSF 55° 4-11 TPI (9pcs)	



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

MADE IN UKRAINE

DEPTH DIGITAL CALIPER IP54

Item No	Range		Reso-lution	Accu-racy	Base	Protection	USB
	mm	inch	mm	µm	mm		
1432010152	0-150	0-6"	0,01	±20	102	IP54	•
1432010202	0-200	0-8"		±30			•
1432010302	0-300	0-12"		±30			•
1432010502	0-500	0-20"		±50			•

DEPTH DIGITAL CALIPER IP67

IP67 SWISS ELECTRONICS

Item No	Range		Reso-lution	Accu-racy	Base	Protection	Preset
	mm	inch	mm	µm	mm		
1432010153	0-150	0-6"	0,01	±20	102	IP67	•
1432010203	0-200	0-8"		±30			•
1432010303	0-300	0-12"					•
1432010503	0-500	0-20"		±40			•
1432011003	0-1000	0-40"		±50	150		•
1432012003	0-2000	0-80"		±80			•
1432013003	0-3000	0-120"		±100			•

MICRON DEPTH DIGITAL CALIPER IP67

IP67 SWISS ELECTRONICS

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

MADE IN UKRAINE

WIRELESS DEPTH DIGITAL CALIPER IP67

WIRELESS TO MDS APP
WIRELESS HID+MAC

Windows android LINUX macOS iOS

IP67 SWISS ELECTRONICS

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

MICRON WIRELESS DEPTH DIGITAL CALIPER IP67

WIRELESS TO MDS APP
WIRELESS HID+MAC

Windows android LINUX macOS iOS

IP67 SWISS ELECTRONICS

1µm

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

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

IOT DATA BUTTON

DOWNLOAD APP

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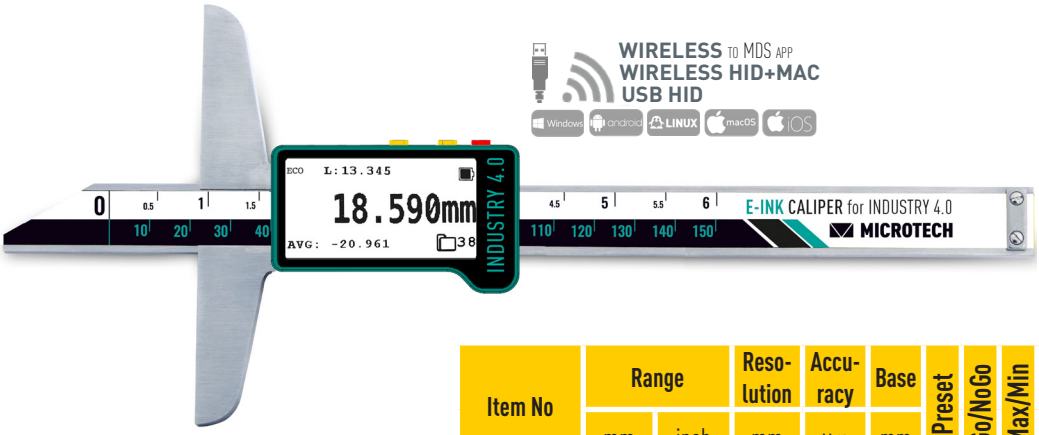
MADE IN UKRAINE

E-INK DEPTH CALIPER

- **Industry 4.0** adopted Intelligent depth caliper with computerized MICS system (Patents US10184772, UA174949, UA126928)
- ENERGY ECONOMY 2.13'' E-ink display (200+ working hours / 1 charging)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Resolution selecting, Connection indication
- **Memory manager:** 1000 values, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))



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

COMPUTERIZED DEPTH CALIPER

- **Industry 4.0** adopted depth caliper with computerized MICS system (Patents US10184772, UA174949, UA126928)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range		Reso-lution	Accu-racy	Base	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	mm												
1432010157	0-150	0-6"	0,005	±15	102	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
1432010207	0-200	0-8"		±20		•	•	•	•	•	•	•	•	•			
1432010307	0-300	0-12"		±25		•	•	•	•	•	•	•	•	•			
1432010507	0-500	0-20"	0,01	±40		•	•	•	•	•	•	•	•	•			
1432011007	0-1000	0-40"		±50	150	•	•	•	•	•	•	•	•	•			
1432012007	0-2000	0-40"		±70		•	•	•	•	•	•	•	•	•			
1432013007	0-3000	0-40"		±90		•	•	•	•	•	•	•	•	•			

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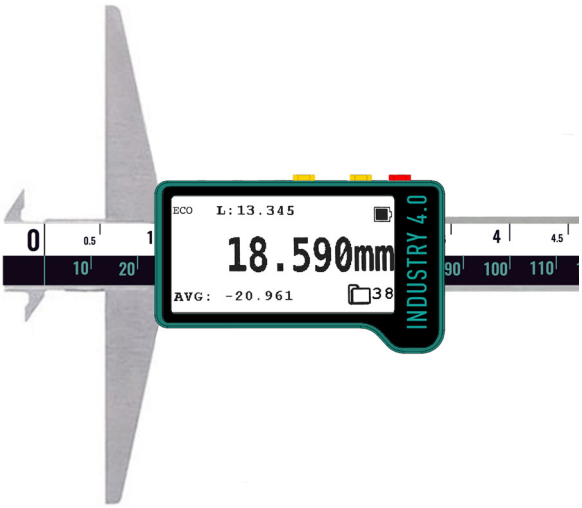
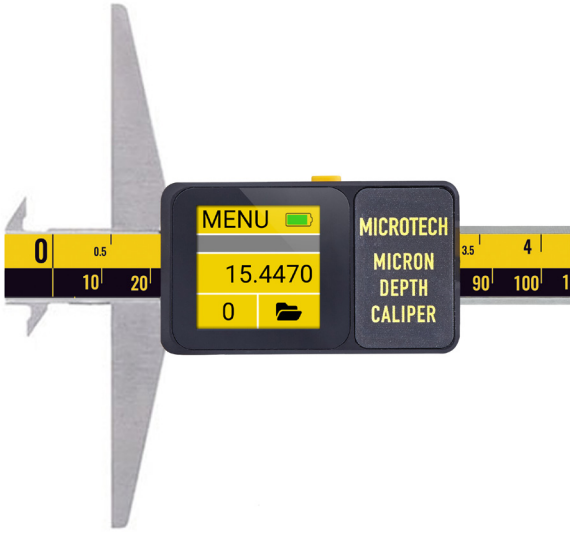
MADE IN UKRAINE

DEPTH CALIPER DOUBLE HOOK

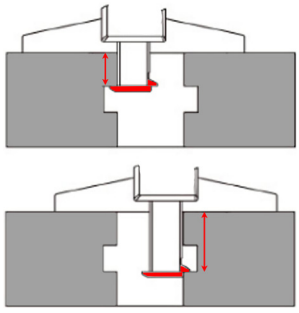
- Double hook depth calipers
- Digital IP54 / IP67 or Computerized MICS indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))

IP67 SWISS ELECTRONICS





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



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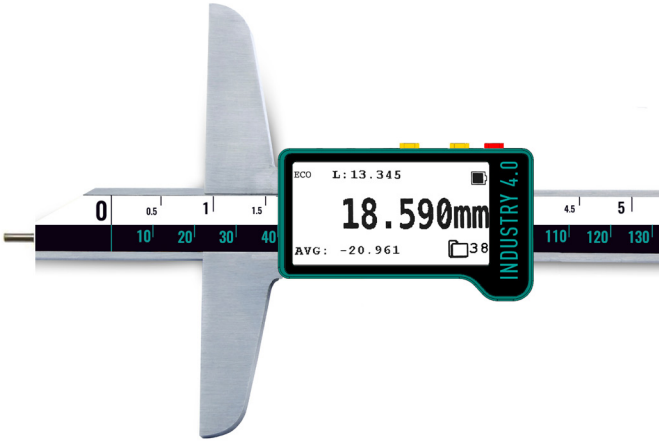
MADE IN UKRAINE

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



Item No	Range		Reso-lution	Accu-racy	Base	Pin	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	mm	mm													
DIGITAL DEPTH CALIPER IP67 PIN TIP																			
1432030153	0-150	0-6"	0,01	±20	102	D 1,5	IP67	•											
1432030303	0-300	0-12"		±30				•											
1432030503	0-500	0-20"		±40				•											
WIRELESS DEPTH CALIPER IP67 PIN TIP																			
1432030154	0-150	0-6"	0,01	±20	102	D 1,5	IP67	•										•	
1432030304	0-300	0-12"		±30				•										•	
1432030504	0-500	0-20"		±40				•										•	
E-INK DEPTH CALIPER IP54 PIN TIP																			
1432030158	0-150	0-6"	0,005	±15	102	D 1,5	IP54	•	•	•	•	•	•	•	•	•	•	•	•
1432030308	0-300	0-12"		±25				•	•	•	•	•	•	•	•	•	•	•	•
COMPUTERIZED DEPTH CALIPER IP54 PIN TIP																			
1432030157	0-150	0-6"	0,005	±15	102	D 1,5	IP54	•	•	•	•	•	•	•	•	•	•	•	•
1432030307	0-300	0-12"		±25				•	•	•	•	•	•	•	•	•	•	•	•
1432030507	0-500	0-20"		±30				•	•	•	•	•	•	•	•	•	•	•	•

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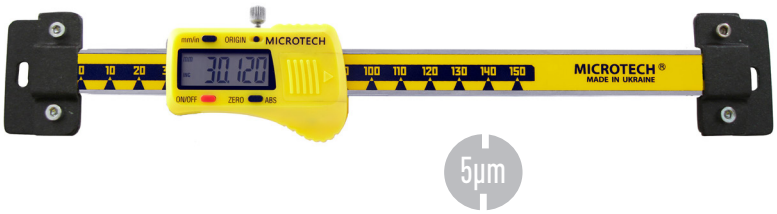
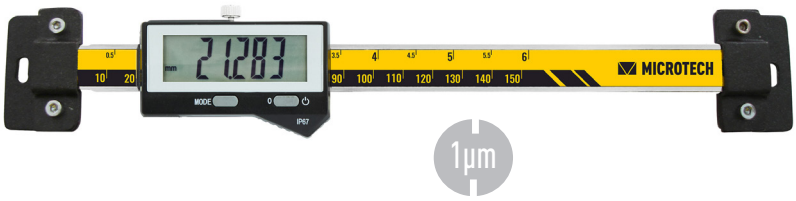
READOUT LINEAR SCALE DIGITAL



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

MICRON READOUT LINEAR SCALE DIGITAL IP67

IP67



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

MICRON READOUT LINEAR SCALE DIGITAL IP67

IP67 SWISS ELECTRONICS

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

MICRON WIRELESS READOUT LINEAR SCALE DIGITAL IP67

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

IP67 SWISS ELECTRONICS

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OPTIONAL ACCESSORIES

STANDARD MDS app

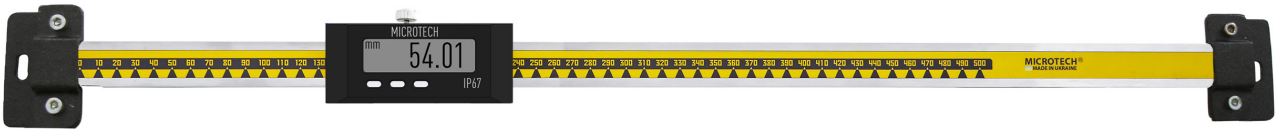
ACCESSORIES FOR DATA TRANSFER

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

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

MADE IN UKRAINE

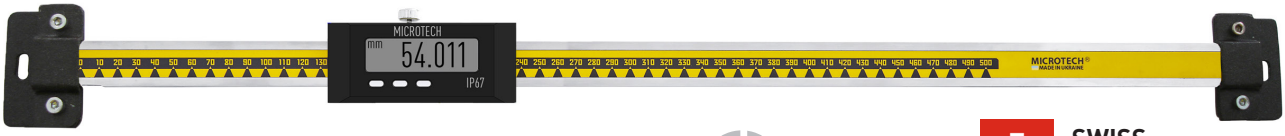
READOUT LINEAR SCALE DIGITAL IP67



IP67 SWISS ELECTRONICS

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

MICRON READOUT LINEAR SCALE DIGITAL IP67



1µm

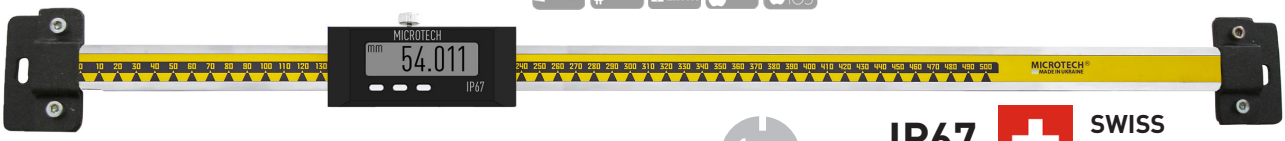
IP67 SWISS ELECTRONICS

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

MICRON WIRELESS READOUT LINEAR SCALE DIGITAL IP67

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

Windows android LINUX macOS iOS



1µm

IP67 SWISS ELECTRONICS

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

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

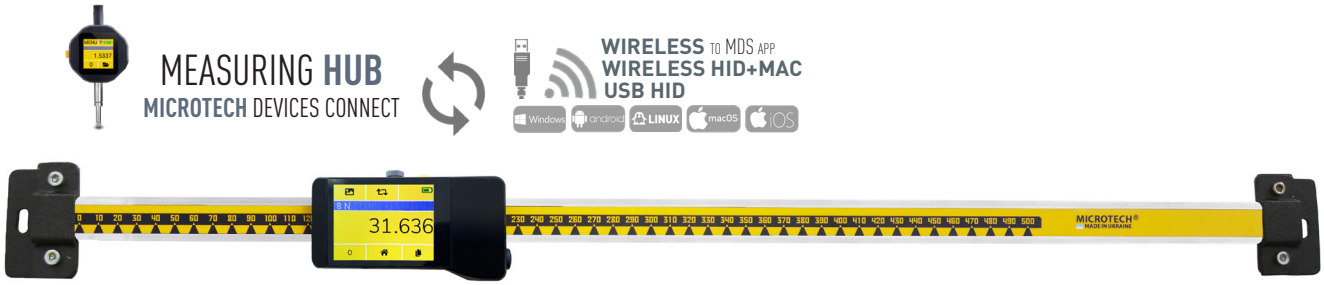
IOT MDS CONNECT DISPLAY UNIT
USB, WI-FI, RJ-45, RS-485, LoRa OUTPUT

MADE IN UKRAINE

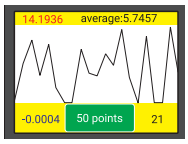
READOUT LINEAR SCALE COMPUTERIZED

MICROTECH

- **Industry 4.0** adopted linear scale with computerized MICS system (Patents US10184772, UA174949, UA126928)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **RANGE up to 5000 mmm**
- **4 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso-lution	Accu-racy	Protection	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	Display
	mm	inch	mm	µm																	
142501140	0-150	0-6"	0,005	±10	IP54		•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	Touch 1.54"
142502140	0-200	0-8"		±15			•	•	•	•	•	•	•	•	•	•	•				
142503140	0-300	0-12"		±20			•	•	•	•	•	•	•	•	•	•	•				
142501141	0-150	0-6"	0,001	±8			•	•	•	•	•	•	•	•	•	•	•				
142502141	0-200	0-8"		±12			•	•	•	•	•	•	•	•	•	•	•				
142503141	0-300	0-12"		±15			•	•	•	•	•	•	•	•	•	•	•				
142505140	0-500	0-20"	0,01	±30		•	•	•	•	•	•	•	•	•	•	•	•				Touch 2.4"
142510140	0-1000	0-40"		±40		•	•	•	•	•	•	•	•	•	•	•	•				
142515140	0-1500	0-60"		±50		•	•	•	•	•	•	•	•	•	•	•	•				
142520140	0-2000	0-80"		±60		•	•	•	•	•	•	•	•	•	•	•	•				
142525140	0-2500	0-100"		±70		•	•	•	•	•	•	•	•	•	•	•	•				
142530140	0-3000	0-120"		±80		•	•	•	•	•	•	•	•	•	•	•	•				
142540140	0-4000	0-160"		±100		•	•	•	•	•	•	•	•	•	•	•	•				
142550140	0-5000	0-200"		±110		•	•	•	•	•	•	•	•	•	•	•	•				

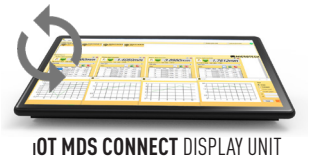


ON-LINE
GRAPHIC MODE

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER



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

IOT DATA BUTTON

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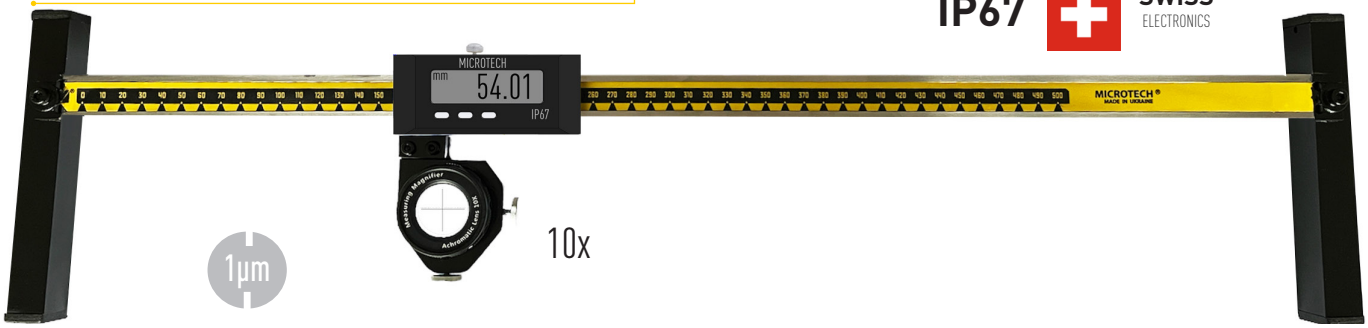
MADE IN UKRAINE

MICRON LINEAR SCALE WITH MAGNIFIER

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

IP67 SWISS ELECTRONICS



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

LINEAR SCALE COMPUTERIZED WITH MAGNIFIER

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

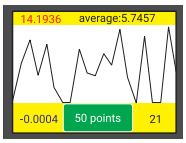
CUSTOM RANGE AND CONFIGURATION FOR REQUEST

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	USB HID
	mm	inch	mm	µm																		
142505156	0-500	0-20"	0,01	±30	10x magnifier	IP54	•	•	•	•	•	•	•	•	•	•	•	•	2000 val	•	•	•
142510156	0-1000	0-06"		±40			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142515156	0-1500	0-60"		±50			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142520156	0-2000	0-80"		±70			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142530156	0-3000	0-120"		±80			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•

LINEAR SCALE COMPUTERIZED WITH LED MICROSCOPE

MICROTECH

- **Industry 4.0** adopted linear scale with computerized MICS system (Patents US10184772, UA174949, UA126928)
- **ROLL SLIDING SYSTEM**
- **MICROSCOPE** with 7" display and 12Mp camera
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **RANGE up to 3500 mmm**
- **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

Windows android LINUX macOS iOS

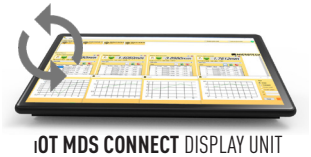
ROLL SLIDING SYSTEM
- Light aluminium base
- 2x steel roll for easy sliding

Item No	Range		Reso-lution	Accu-racy	Vision	Roll system	Fine adjust	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	Folders	WIRELESS	USB HID
	mm	inch	mm	µm																			
142505158	0-550	0-22"	0,01	±20	Digital 7'LED 12Mp	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2000 val	•	•	•
142510158	0-1150	0-46"		±30		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142515158	0-1500	0-60"		±40		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142520158	0-2000	0-80"		±50		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142525158	0-2500	0-100"		±55		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142530158	0-3000	0-120"		±60		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142535158	0-3500	0-140"		±65		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER



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

IOT DATA BUTTON

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MADE IN UKRAINE

BORE DIGITAL CALIPER

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

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

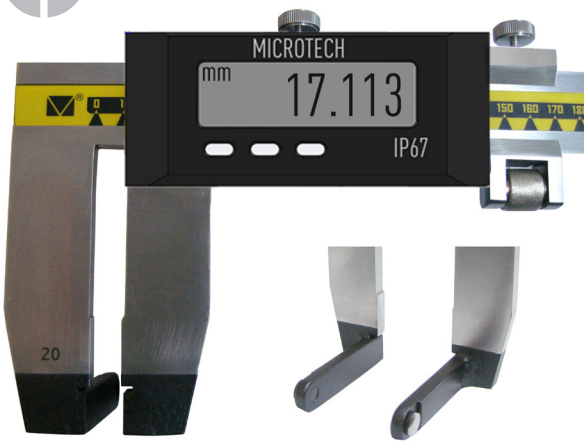
MICRON BORE DIGITAL CALIPER IP67

IP67 SWISS ELECTRONICS

1µm

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

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



BORE COMPUTERIZED CALIPER

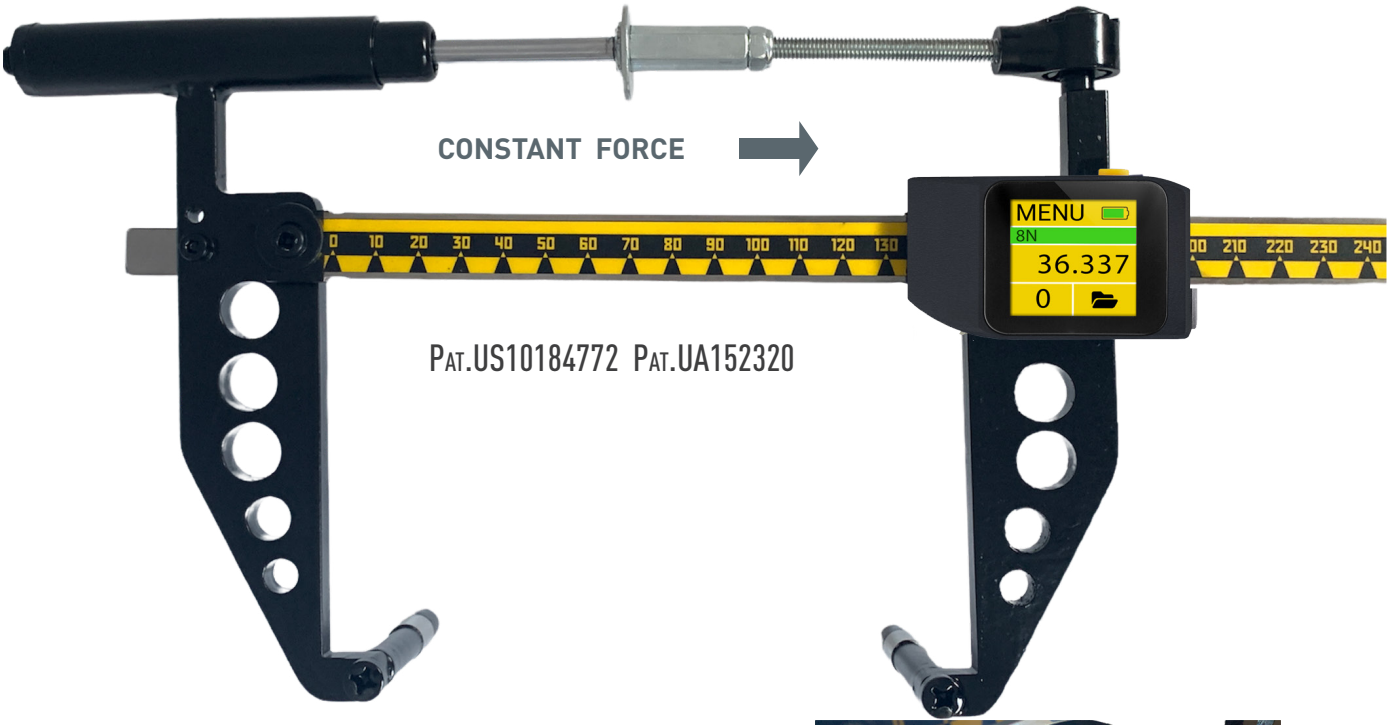
- Bore calipers for bore reading without removing the bar
- Computerized MICS indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))

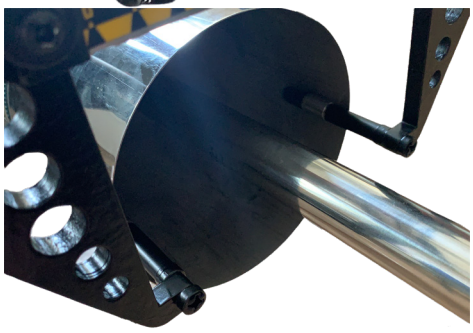
Item No	Range				Reso-lution	Accu-racy	Jaws		Constant Force	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	Internal		External				Down	Depth																
	mm	inch	mm	inch	mm	µm	mm	mm																
141851127	22-300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

CONSTANT FORCE BORE CALIPER

MICROTECH

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





Item No	Range Internal mm	Range Internal inch	Reso-lution mm	Accu-racy µm	Jaws Down mm	Jaws Depth mm	Jaws Anvil D mm	Max bore D mm	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
141851037	20-300	0.9-12"	0,01	±20	100	60	10	180	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
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	•	•	•	•	•	•	•	•	•	•	•	•	•	•			

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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USB, WI-FI, RJ-45, RS-485, LoRa OUTPUT

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MADE IN UKRAINE

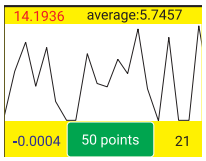
TABLET HEIGHT GAUGE

- **Industry 4.0** adopted Tablet height gauge with computerized MICS system with 2.4" color Touchscreen
- **Patents** US10184772, UA144230, UA126928, UA99686, UA2022050400
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode
- **4 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

Windows android LINUX macOS iOS

MEASURING **HUB**
MICROTECH DEVICES CONNECT



ON-LINE
GRAPHIC MODE

Item No	Range mm	Range inch	Resol. mm	Accur. µm	eForce control N	2D connect	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
144303260	0-300	0-12"	0,01	±20	-	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
144305260	0-500	0-20"		±30		•	•	•	•	•	•	•	•	•	•	•	•	•			
144310260	0-1000	0-40"		±50		•	•	•	•	•	•	•	•	•	•	•	•	•			
144315260	0-1500	0-60"		±60		•	•	•	•	•	•	•	•	•	•	•	•	•			
144320260	0-2000	0-80"		±80		•	•	•	•	•	•	•	•	•	•	•	•	•			

OPTIONAL ACCESSORIES

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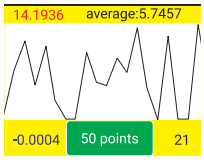
MADE IN UKRAINE

TABLET E-FORCE HEIGHT GAUGE

MICROTECH

- **Industry 4.0** adopted Tablet Force height gauge with computerized MICS system with 2.4" color Touchscreen
- **Patents** US10184772, UA144230, UA126928, UA99686, UA2022050400
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode
- **4 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))



ON-LINE
GRAPHIC MODE

Item No	Range		Resol.	Accur.	eForce control	2D connect	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	N																
144303263	0-300	0-12"	0,001	±15	1-20N	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
144303262			0,01	±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

ACCESSORIES FOR DATA TRANSFER

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MADE IN UKRAINE

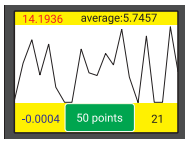
MANUAL MICRON HEIGHT GAUGE

- **Industry 4.0** adopted Tablet double column micron height gauge with computerized MICS system with 3.5" color Touchscreen
- **Patents** US10184772, UA144230, UA126928, UA2022050400
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

Windows android LINUX macOS iOS

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



ON-LINE
GRAPHIC MODE

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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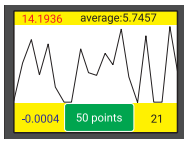
MADE IN UKRAINE

- **Industry 4.0** adopted Tablet double column micron height gauge with computerized MICS system with 3.5" color Touchscreen
- **MANUAL 2D MEASURING with CONTACT or NON-CONTACT (Laser) axis**
- **Patents** US10184772, UA144230, UA126928, UA2022050400
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))



ON-LINE
GRAPHIC MODE

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

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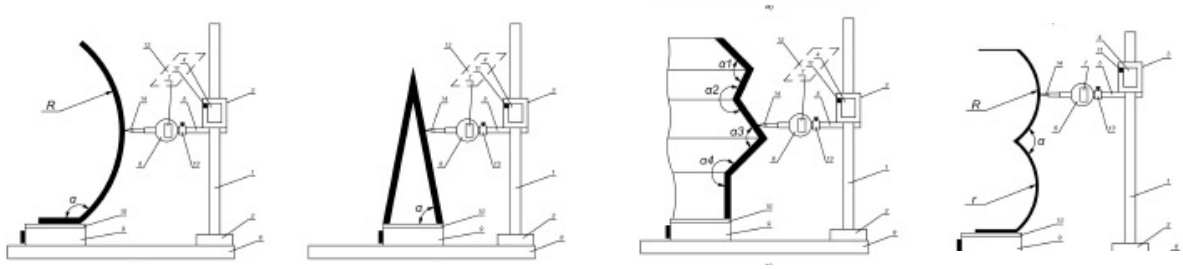
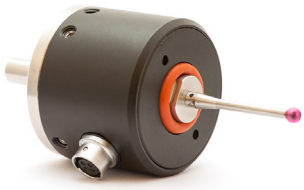


MADE IN UKRAINE

MOTORIZED MICRON HEIGHT GAUGE

- **Industry 4.0** adopted Tablet double column micron height gauge with computerized MICS system with 3.5" color Touchscreen
- MOTORIZED height gauge with AUTO measuring modes
- **Touch-trigger Probe** (Standard or Precision modification)
- Interchangeable stylus
- **Patents** US10184772, UA144230, UA126928, UA2022050400
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

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



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

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

Windows android LINUX macOS iOS

MEASURING **HUB**
MICROTECH DEVICES CONNECT

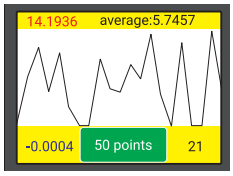
MADE IN UKRAINE

MOTORIZED MICRON HEIGHT GAUGE TTP-01 TOUCHPROBE

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

MOTORIZED MICRON HEIGHT GAUGE TTP-03 TOUCHPROBE

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



ON-LINE
GRAPHIC MODE

MOTORIZED
WITH AUTO MODE

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OPTIONAL ACCESSORIES

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ACCESSORIES FOR DATA TRANSFER

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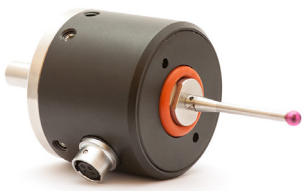


PRECISION TOUCH PROBE TTP-02

MADE IN UKRAINE

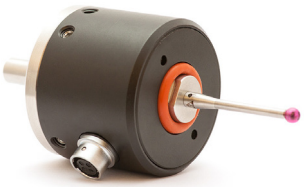
MOTORIZED HEIGHT GAUGE GRANITE BASE

- **Industry 4.0** adopted Motorized Tablet micron height gauge with computerized MICS system with 3.5" color Touchscreen
- Motorized column and Granite base
- **Touch-trigger Probe** (Standard or Precision modification)
- Interchangeable stylus
- External display with motorized column operating, indication, data output
- **Patents** US10184772, UA144230, UA126928, UA2022050400
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

EXTERNAL DISPLAY

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

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



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

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

Windows android LINUX macOS iOS

MEASURING **HUB**
MICROTECH DEVICES CONNECT

GRANITE BASE

0,1µm

MADE IN UKRAINE

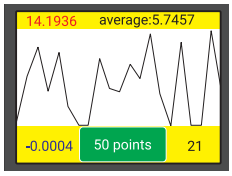
MOTORIZED HEIGHT GAUGE GRANITE BASE TTP-01 TOUCHPROBE

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

MOTORIZED HEIGHT GAUGE GRANITE BASE TTP-03 TOUCHPROBE

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

CUSTOM RANGE AND GRANITE BASE SIZE FOR REQUEST



ON-LINE
GRAPHIC MODE

MOTORIZED
WITH AUTO MODE

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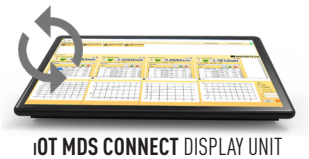
OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER



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

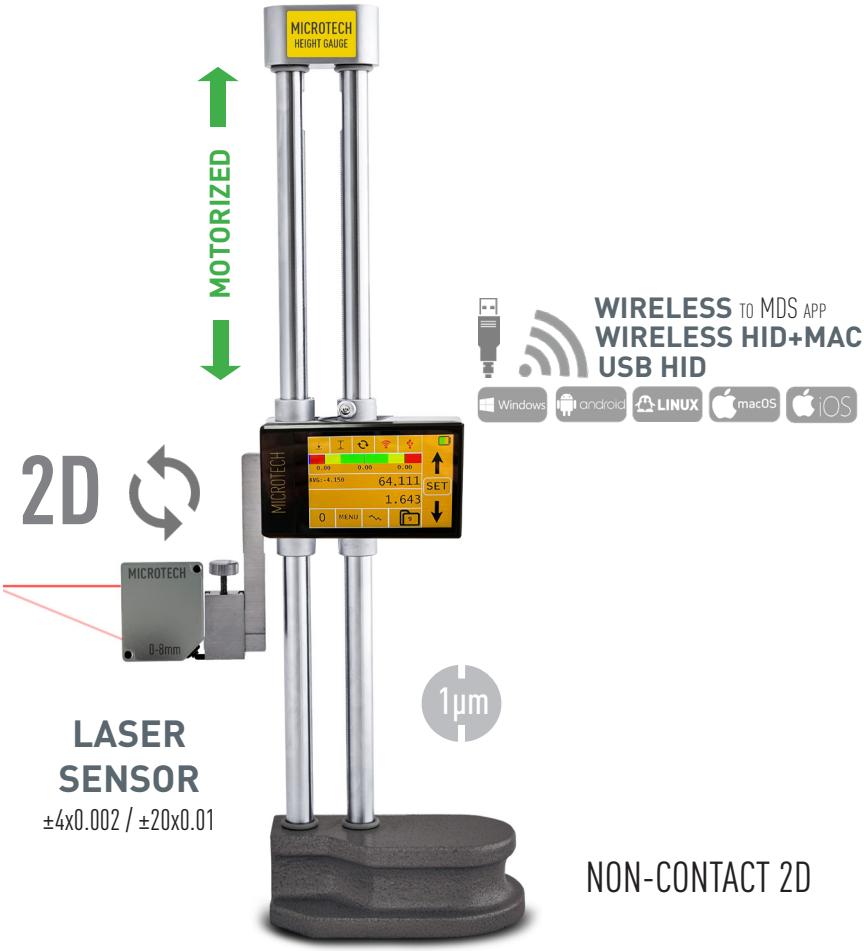
IOT DATA BUTTON

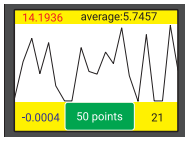
PROBES AND EXTENSIONS

MADE IN UKRAINE

MOTORIZED 2D HEIGHT GAUGE WITH LASER SENSOR

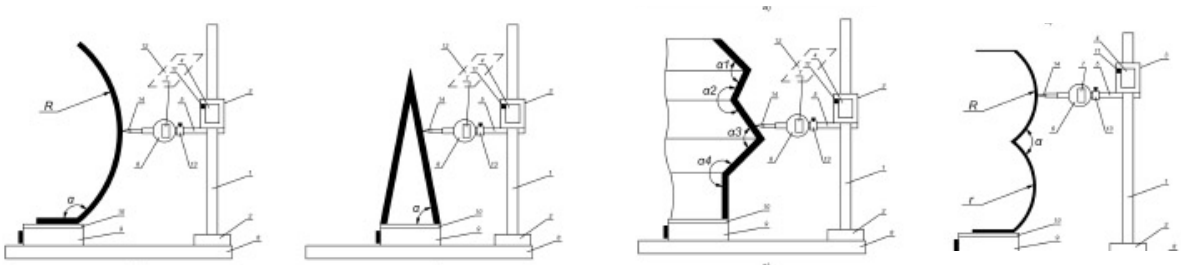
- **Industry 4.0** adopted Tablet double column micron height gauge with computerized MICS system with 3.5" color Touchscreen
- MOTORIZED 2D height gauge **with NON-CONTACT (Laser) axis**
- **2D MEASURING NON-CONTACT (Laser) axis** (with measuring range ±4x0.002mm or ±20x0.01 mm)
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))





ON-LINE
GRAPHIC MODE

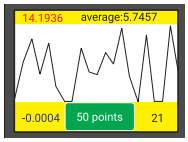
Item No	Range Z mm	Range X mm	Resolut. Z mm	Resolut. X mm	Accur. µm	LASER sensor	2D connection	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Memory	WIRELESS	USB
144303391	30-330	±4	0,001	0,002	±15	•	•	•	•	•	•	•	•	•	•	•	•	•
144303392		±20		0,010		•	•	•	•	•	•	•	•	•	•	•	•	•
144306391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



MADE IN UKRAINE

2D MOTORIZED HEIGHT GAUGE WITH LASER SENSOR

- **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 ±4x0.002mm or ±20x0.01 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))



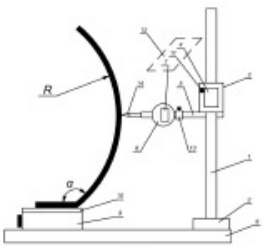
ON-LINE
GRAPHIC MODE

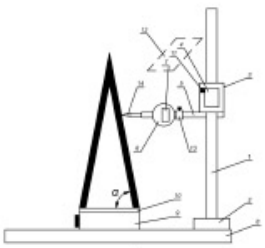
WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

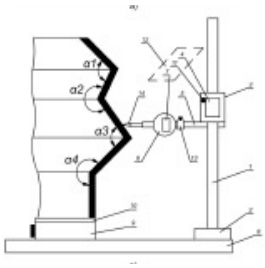
EXTERNAL DISPLAY

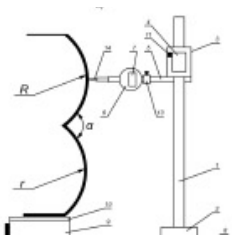
- MOTORIZED COLUMN OPERATING
- LASER SENSOR CONNECTION
- 2D AXIS GRAPHIC MODE
- GEOMETRIC MEASURING
- PROGRAMMABLE MEASURINGS

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









TABLET SUB-MICRON MICROMETER

- **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))

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
	mm	inch	mm	µm	µm															
110180259	0-25	0-1"	0,0001	±1,0	0,5	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
110180509	25-50	1-2"		±1,3	0,5	•	•	•	•	•	•	•	•	•	•	•	•			
110180759	50-75	2-3"		±1,5	0,8	•	•	•	•	•	•	•	•	•	•	•	•			
110181009	75-100	3-4"		±1,8	0,8	•	•	•	•	•	•	•	•	•	•	•	•			
110181259	100-125	4-5"		±2,3	1,0	•	•	•	•	•	•	•	•	•	•	•	•			
110181509	125-150	5-6"		±2,5	1,0	•	•	•	•	•	•	•	•	•	•	•	•			
110181759	150-175	6-7"		±3,0	1,0	•	•	•	•	•	•	•	•	•	•	•	•			
110182009	175-200	7-8"		±3,0	1,0	•	•	•	•	•	•	•	•	•	•	•	•			
110182259	200-225	8-9"		±3,0	1,0	•	•	•	•	•	•	•	•	•	•	•	•			
110182509	225-250	9-10"		±3,0	1,0	•	•	•	•	•	•	•	•	•	•	•	•			
110182759	250-275	10-11"		±3,0	1,0	•	•	•	•	•	•	•	•	•	•	•	•			
110183009	275-300	11-12"		±3,0	1,0	•	•	•	•	•	•	•	•	•	•	•	•			
110183509	300-350	12-14"		±4,5	1,0	•	•	•	•	•	•	•	•	•	•	•	•			
110183909	350-400	14-16"		±5,0	1,0	•	•	•	•	•	•	•	•	•	•	•	•			
TABLET MICROMETER SETS																				
110181119	0-100	0-4"	TABLET micrometer - 4pcs; Setting rods -3pcs																	
110181519	0-150	0-6"	TABLET micrometer - 6pcs; Setting rods -5pcs																	
110182119	0-200	0-8'	TABLET micrometer - 8pcs; Setting rods -7pcs																	
110183119	0-300	0-12'	TABLET micrometer - 12pcs; Setting rods -11pcs																	
110184119	0-400	0-16"	TABLET micrometer - 14pcs; Setting rods -13pcs																	

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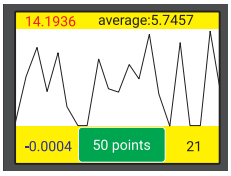
MADE IN UKRAINE

NON-ROTATING MICROMETER

MICROTECH

- **Industry 4.0** adopted sub-micron micrometer with computerized MICS system with 2,4" color Touchscreen
- WIDE RANGE (40mm) with NON-ROTATING SPINDLE
- SOLID CARBIDE SPINDLE
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- Top quality Aluminium housing and handle (CNC machined solid block)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



ON-LINE
GRAPHIC MODE

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

OPTIONAL ACCESSORIES

STANDARD MDS app
ACCESSORIES FOR DATA TRANSFER

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

IOT DATA BUTTON

MICROMETER STAND

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MADE IN UKRAINE

COMPUTERIZED SUB-MICRON MICROMETER

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

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

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

IOT DATA BUTTON

MICROMETER STAND

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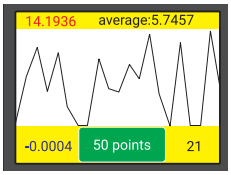
MADE IN UKRAINE

LABORATORY BENCH TABLET MICROMETER

MICROTECH

- **Industry 4.0** adopted sub-micron Tablet micrometer with computerized MICS system with 2.4" color Touchscreen
- Bench configuration for laboratory using
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- Top quality Aluminium housing (CNC machined solid block)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



ON-LINE
GRAPHIC MODE

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
	Stand		Micrometer head																			
	mm	inch	mm	inch	mm	µm																
110180278	0-25	0-1"	0-25	0-1"	0,0001	±1.0		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110180288						±1.3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110180578	0-50	0-2"	0-50	0-2"		±1.5		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

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OPTIONAL ACCESSORIES

ACCESSORIES FOR DATA TRANSFER

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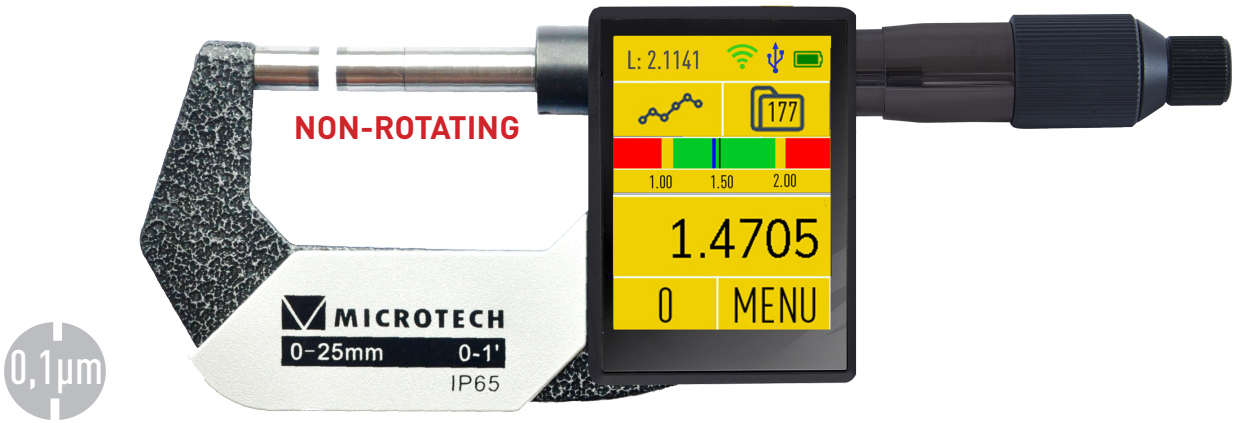
USB, WI-FI, RJ-45, RS-485, LoRa OUTPUT

IOT DATA BUTTON

MICROMETER STAND

MADE IN UKRAINE

NON-ROTATING SUB-MICRON MICROMETER



Item No	Range		Reso-lution	Accu-racy	Repeat-ability	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	µm															
110170259	0-25	0-1"	0,0001	±1.5	0,5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110170509	25-50	1-2"		±2	0,5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

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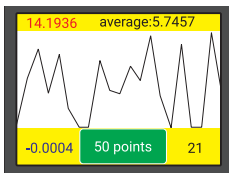
DOUBLE RANGE SUB-MICRON MICROMETER



ON-LINE
GRAPHIC MODE

Item No	Range		Resolution	Accuracy	Repeat-ability	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	µm															
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																	

MADE IN UKRAINE

WIDE RANGE SUB-MICRON MICROMETER WITH INTERCHANGEABLE ANVILS

MICROTECH

- **Industry 4.0** adopted sub-micron WIDE range micrometer with computerized MICS system with 2.4" color Touchscreen
- Interchangeable anvils (5pcs) for Wide measuring range 150mm
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- Top quality Aluminium housing (CNC machined solid block)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

0,1µm

MEASURING **HUB**
MICROTECH DEVICES CONNECT

Item No	Range		Micro-meter head range	Reso-lution	Accu-racy	Repeat-ability	Anvils	Setting rods	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch		mm	µm	µm																	
110181539	0-150	0-2"	25	0,0001	±3.5	1	5	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110183039	150-300	2-4"			±4	1	5	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

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OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

IOT DATA BUTTON

MICROMETER STAND

MADE IN UKRAINE

PRECISION DIGITAL MICROMETER IP65

- High accuracy up to ±2μm (in 2 times better than DIN 863-1)
- Friction thimble micrometer head
- Functions: mm/inch, origin, hold
- Aluminium housing with IP65 protection
- **Calibration** certificate included (ISO17025 (Ilac MRA))

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

OPTIONAL ACCESSORIES

MICROMETER STAND

MADE IN UKRAINE

NON-ROTATING DIGITAL MICROMETER IP65

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

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

DOUBLE RANGE DIGITAL MICROMETER IP65

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

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

OPTIONAL ACCESSORIES

MICROMETER STAND

MADE IN UKRAINE

OUTSIDE MICROMETER

- High accuracy up to ±2μm (in 2 times better than DIN 863-1)
- Ratchet stop micrometer head
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range	Reso-lution	Accu-racy	Anvil D
	mm	mm	μm	mm
110110251	0-25	0,01	±2	6.5
110110501	25-50		±2	
110110751	50-75		±3	
110111001	75-100		±3	
110111251	100-125		±4	
110111501	125-150		±4	
110111751	150-175		±4	
110112001	175-200		±4	
110112251	200-225		±5	
110112501	225-250		±5	
110112751	250-275		±5	
110113001	275-300		±5	
OUTSIDE MICROMETER SET				
110110111	0-100	4 pcs in set		
110110151	0-150	6 pcs in set		
110110311	0-300	12 pcs in set		

MICRON OUTSIDE MICROMETER

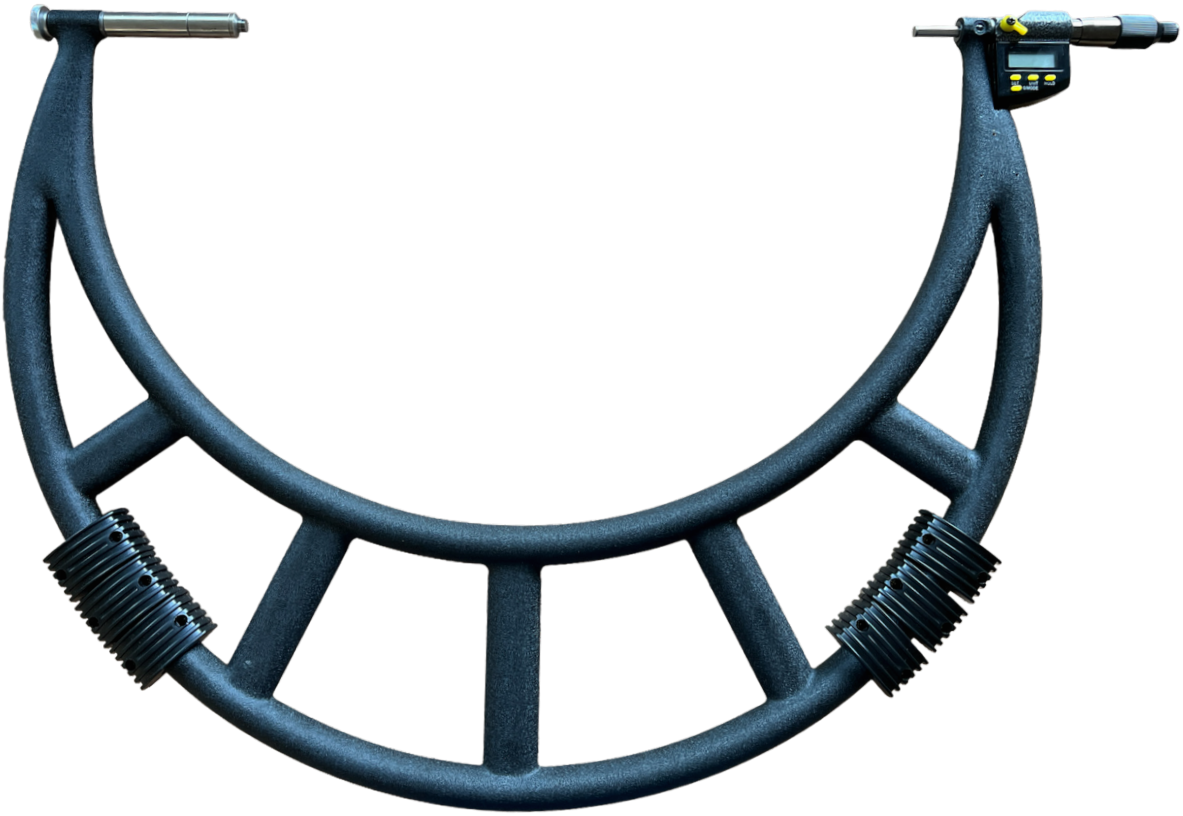
- High accuracy up to ±2μm (in 2 times better than DIN 863-1)
- Friction thimble micrometer head
- 1 micron resolution
- **Calibration** certificate included (ISO17025 (Ilac MRA))

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		

MADE IN UKRAINE

WIDE RANGE DIGITAL MICROMETER

- Wide range digital micrometers with range up to 3 m
- Digital micrometer head with IP65 proof
- Setting rods included
- **Calibration** certificate included (ISO17025 (Ilac MRA))



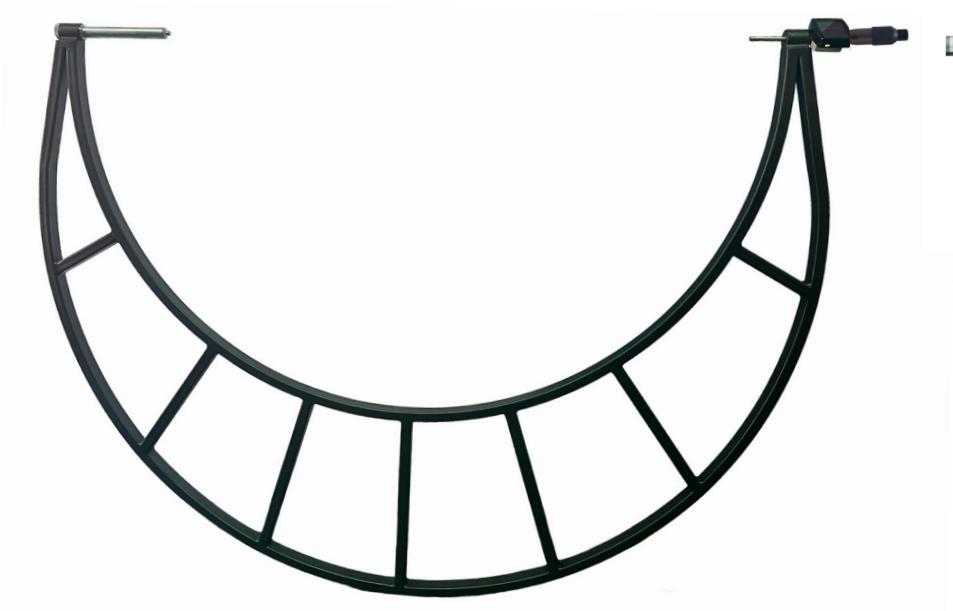
Item No	Range		Resol.	Accuracy	Micrometer head range	Weight	Setting rod
	mm	inch	mm	µm	mm	kg	
110174001	300-400	12-15"	0,001	±7	25	1,9	•
110175001	400-500	15-20"		±7		2,2	•
110176001	500-600	20-24"		±8		2,6	•
110177001	600-700	24-28"		±8		2,9	•
110178001	700-800	28-32"		±15		4,8	•
110179001	800-900	32-36"		±15		5,5	•
110171101	900-1000	36-40"		±15		6,7	•
110171201	1000-1200	40-48"		±18	50	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	•

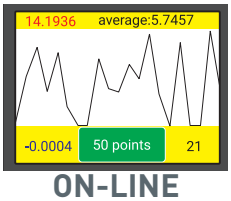
MADE IN UKRAINE

WIDE RANGE COMPUTERIZED MICROMETER

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

MEASURING **HUB**
MICROTECH DEVICES CONNECT





ON-LINE
GRAPHIC MODE

Item No	Range		Resol.	Accuracy	Micro-meter head range	Weight	Setting rod	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	2D Sync	Memory	WIRELESS	USB
	mm	inch	mm	µm	mm	kg																	
110184008	300-400	12-15"	0,0001	±5	25	1,9	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
110185008	400-500	15-20"		±5		2,2	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110186008	500-600	20-24"		±6		2,6	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110187008	600-700	24-28"		±7		2,9	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110188008	700-800	28-32"		±8		4,8	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110189008	800-900	32-36"		±10		5,5	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110181108	900-1000	36-40"		±10		6,7	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110181208	1000-1200	40-48"		±14	50	9,2	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110181408	1200-1400	48-56"		±16		11,0	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110181608	1400-1600	56-64"		±20		13,3	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110181808	1600-1800	64-72"		±24		16,2	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110182008	1800-2000	72-80"		±30		19,5	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110182208	2000-2200	80-88"		±33		25	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110182408	2200-2400	88-96"		±36		27	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110182608	2400-2600	96-104"		±40		28,5	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110182808	2600-2800	104-112"		±42		30,5	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110183108	2800-3000	112-120"		±45		33	•	•	•	•	•	•	•	•	•	•	•	•	•	•			

OPTIONAL ACCESSORIES

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ACCESSORIES FOR DATA TRANSFER

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IOT DATA BUTTON

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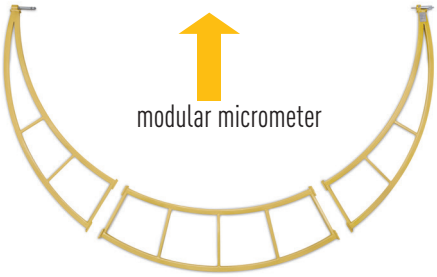
MADE IN UKRAINE

- Wide range micrometers with range up to 10 m
- Patented Modular construction for easy transportation (assembling 15 minutes)
- **Patents** UA108044, UA99686, UA2022050400
- Computerized MICS indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- Setting rods included
- **Calibration** certificate included (ISO17025 (Ilac MRA))

CUSTOM RANGE AND GAUGE CONFIGURATION FOR REQUEST

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



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MADE IN UKRAINE

UNIVERSAL COMPUTERIZED MICROMETER

- **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))

MEASURING **HUB**
MICROTECH DEVICES CONNECT

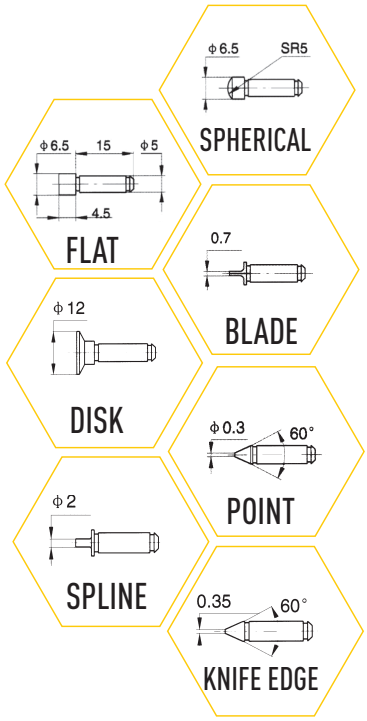
WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

0,1µm

7 PAIRS ANVILS INCLUDES

Item No	Range mm	Range inch	Resol. mm	Accur. µm	NON-ROTATING	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	2D Synchronize	Memory	WIRELESS	USB
110750258	0-25	0-1"	0,0001	±3	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
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



OPTIONAL ACCESSORIES

STANDARD MDS app
ACCESSORIES FOR DATA TRANSFER

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

IOT DATA BUTTON

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MADE IN UKRAINE

UNIVERSAL BENCH COMPUTERIZED MICROMETER

MICROTECH

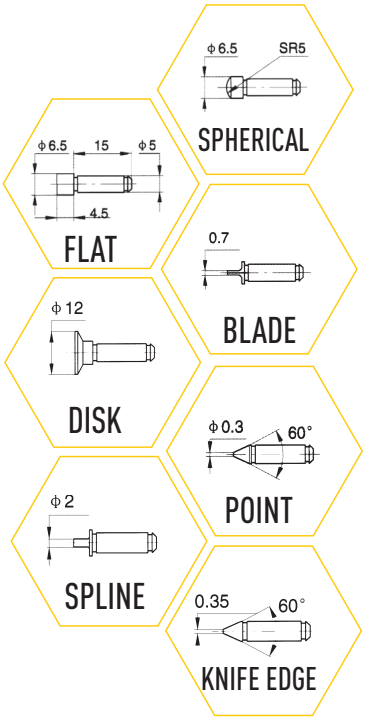
- **Industry 4.0** adopted sub-micron Universal BENCH micrometer with computerized MICS system with 2.4" color Touchscreen
- **Patents** UA126928, UA99686, UA2022050400
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **INCLUDE 7 pairs** of interchangeable anvils (Flat, Spherical, Disk, Blade, Point, Spline, Knife edge). Custom anvils for request
- **4 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

MEASURING **HUB**
MICROTECH DEVICES CONNECT

0,1µm

Item No	Range		Resol.	Accur.	NON-ROTATING	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm															
110750298	0-25	0-1"	0,0001	±2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

7 PAIRS OF ANVILS



OPTIONAL ACCESSORIES

STANDARD MDS app
ACCESSORIES FOR DATA TRANSFER

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

IOT DATA BUTTON

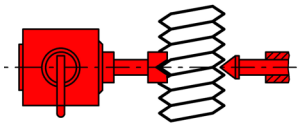
MADE IN UKRAINE

- **Industry 4.0** adopted sub-micron Thread micrometer with computerized MICS system with 2.4" color Touchscreen
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- Interchangeable anvils SET includes (Metric 60 or Whitworth 55). Custom anvils for request.
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

NON-ROTATING

Item No	Range mm	Range inch	Resol. mm	Accur. µm	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
110710258	0-25	0-1"	0,0001	±3	0.4-7mm 6pcs		•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
110710508	25-50	1-2"		±3		•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110710758	50-75	2-3"		±4		•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110711008	75-100	3-4"		±4		•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110711258	100-125	4-5"		±5		•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110711508	125-150	5-6"		±5		•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110711758	150-175	6-7"		±6		•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110712008	175-200	7-8"		±7		•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110712258	200-225	8-9"		±7		•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110712508	225-250	9-10"		±8		•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110712758	250-275	10-11"		±8		•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110713008	275-300	11-12"		±8		•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110713258	325-350	12-13"		±9		•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110713508	350-375	13-14"		±9		•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110713758	250-375	14-15"		±10		•	•	•	•	•	•	•	•	•	•	•	•	•	•			
110714008	375-400	15-16"		±10		•	•	•	•	•	•	•	•	•	•	•	•	•	•			

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



OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

IOT DATA BUTTON

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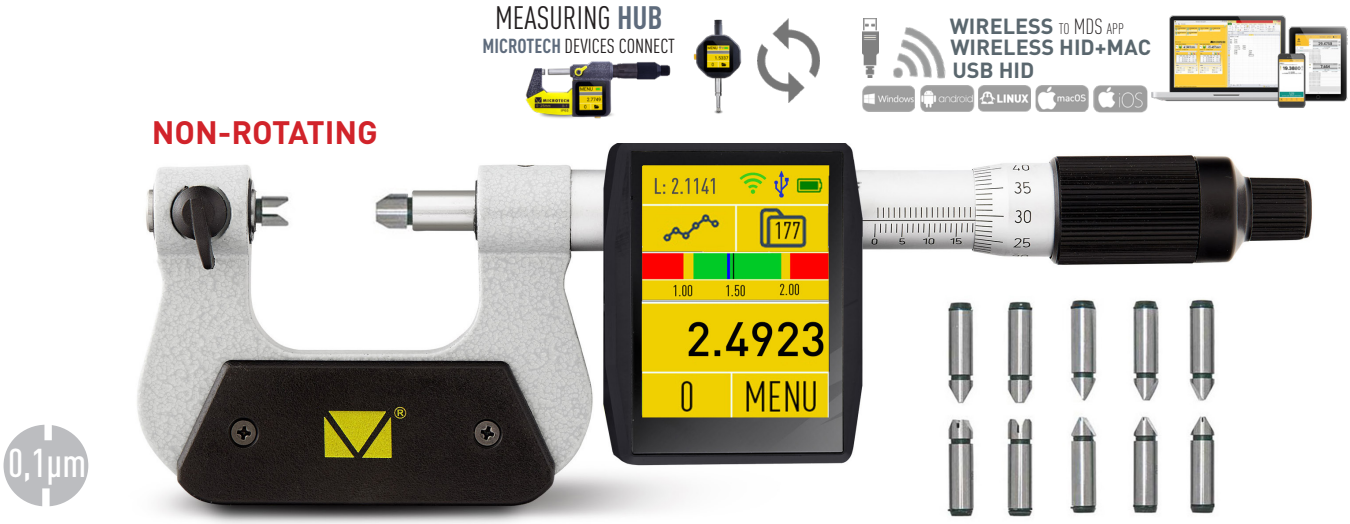
MADE IN UKRAINE

THREAD COMPUTERIZED MICROMETER

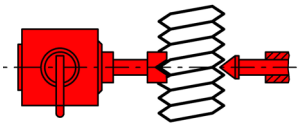
MICROTECH

- **Industry 4.0** adopted sub-micron Thread micrometer with computerized MICS system with 2.4" color Touchscreen
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- Interchangeable anvils SET includes (Metric 60 or Whitworth 55). Custom anvils for request.
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range mm	Range inch	Resol. mm	Accur. µm	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
110720258	0-25	0-1"	0,0001	±3	60-3.5 TPI 10pcs		•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
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		•	•	•	•	•	•	•	•	•	•	•	•	•	•			

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



OPTIONAL **ACCESSORIES**

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

IOT DATA BUTTON

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MADE IN UKRAINE

DISK DIGITAL MICROMETER

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

NON-ROTATING

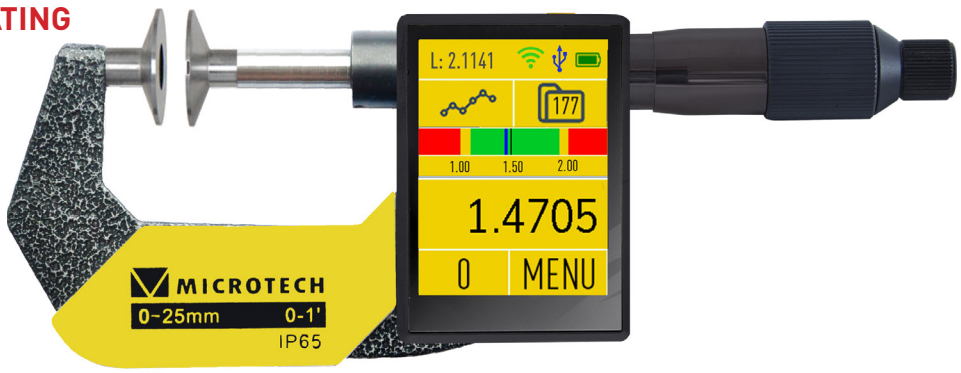
Item No	Range		Reso-lution	Accu-racy	Disk	NON-ROTATING
	mm	inch	mm	µm	mm	
110780251	0-25	0-1"	0,001	±4	D 20	•
110780501	25-50	1-2"		±4		•
110780751	50-75	2-3"		±5		•
110781001	75-100	3-4"		±5		•

D 20MM

DISK COMPUTERIZED MICROMETER

- **Industry 4.0** adopted sub-micron DISK micrometer with computerized MICS system for measuring Gear tooth width
- **NON-rotating spindle** with Disk anvils D 20
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

NON-ROTATING



0,1µm

20MM

Item No	Range		Reso-lution	Accu-racy	Disk	NON-ROTATING	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	mm															
110780258	0-25	0-1"	0,0001	±3	D 20	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000	Long range	USB HID /
110780508	25-50	1-2"		±3		•	•	•	•	•	•	•	•	•	•	•	•			
110780758	50-75	2-3"		±4		•	•	•	•	•	•	•	•	•	•	•	•			
110781008	75-100	3-4"		±4		•	•	•	•	•	•	•	•	•	•	•	•			

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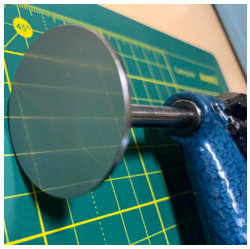
MADE IN UKRAINE

BIG DISK COMPUTERIZED MICROMETER

MICROTECH

- **Industry 4.0** adopted sub-micron DISK micrometer with computerized MICS system for measuring Gear tooth width
- **NON-rotating spindle** with Disk anvils D 35mm (custom Disk anvils up to 60mm for request)
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

D 35мм



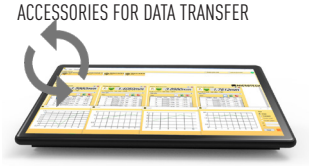
Item No	Range mm	Range inch	Reso-lution mm	Accu-racy µm	Disk mm	NON-ROTATING	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
110780257	0-25	0-1"	0,0001	±4	D 35	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
110780507	25-50	1-2"		±4		•	•	•	•	•	•	•	•	•	•	•	•			
110780757	50-75	2-3"		±5		•	•	•	•	•	•	•	•	•	•	•	•			
110781007	75-100	3-4"		±5		•	•	•	•	•	•	•	•	•	•	•	•			
110781257	100-125	4-5"		±7		•	•	•	•	•	•	•	•	•	•	•	•			
110781507	125-150	5-6"		±7		•	•	•	•	•	•	•	•	•	•	•	•			
110781757	150-175	6-7"		±8		•	•	•	•	•	•	•	•	•	•	•	•			
110782007	175-200	7-8"		±8		•	•	•	•	•	•	•	•	•	•	•	•			
110782257	200-225	8-9"		±8		•	•	•	•	•	•	•	•	•	•	•	•			
110782507	225-250	9-10"		±8		•	•	•	•	•	•	•	•	•	•	•	•			
110782757	250-275	10-11"		±8		•	•	•	•	•	•	•	•	•	•	•	•			
110783007	275-300	11-12"		±8		•	•	•	•	•	•	•	•	•	•	•	•			
110783257	300-325	12-13"		±9		•	•	•	•	•	•	•	•	•	•	•	•			
110783507	325-350	13-14"		±9		•	•	•	•	•	•	•	•	•	•	•	•			
110783757	350-375	14-15"		±9		•	•	•	•	•	•	•	•	•	•	•	•			
110784007	375-400	15-16"		±9		•	•	•	•	•	•	•	•	•	•	•	•			
110784257	400-425	16-17"		±10		•	•	•	•	•	•	•	•	•	•	•	•			
110784507	425-450	17-18"		±10		•	•	•	•	•	•	•	•	•	•	•	•			
110784757	450-475	18-19"		±10		•	•	•	•	•	•	•	•	•	•	•	•			
110785007	475-500	19-20"		±10		•	•	•	•	•	•	•	•	•	•	•	•			

OPTIONAL

ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER



IOT MDS CONNECT DISPLAY UNIT
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MADE IN UKRAINE

- **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))

BALL ANVILS OPTIONAL

Item No	Range mm	Range inch	Resol. mm	Accur. µm	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
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
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		•	•	•	•	•	•	•	•	•	•	•	•	•			

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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		

OPTIONAL

ACCESSORIES

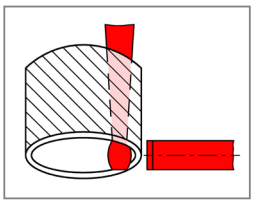
STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

TUBE DIGITAL MICROMETER

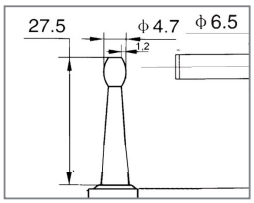
- **Digital** TUBE micrometers
- **Calibration** certificate included (ISO17025 (Ilac MRA))

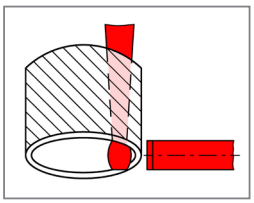


Item No	Range		Reso-lution	Accu-racy	Anvils types	Proof
	mm	inch	mm	µm		
110350251	0-25	0-1"	0,001	±3	Tube D 4.7	IP-65
110350501	25-50	1-2"		±3		
110350751	50-75	2-3"		±3		
110351001	75-100	3-4"		±3		

TUBE COMPUTERIZED MICROMETER

- **Computerized** TUBE micrometers with 0.1 micron resolution
- Computerized MICS indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))





Item No	Range		Reso-lution	Accu-racy	Anvils types	Proof	Preset	Analog scale	Graphic	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm																
110350258	0-25	0-1"	0,0001	±2	Tube D 4.7	IP-65	•	•	•	•	•	•	•	•	•	•	•	2000 val	Long+ HID	USB HID
110350508	25-50	1-2"		±2			•	•	•	•	•	•	•	•	•	•	•			
110350758	50-75	2-3"		±2.5			•	•	•	•	•	•	•	•	•	•	•			
110351008	75-100	3-4"		±2.5			•	•	•	•	•	•	•	•	•	•	•			

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OPTIONAL ACCESSORIES

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ACCESSORIES FOR DATA TRANSFER

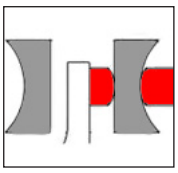
IOT MDS CONNECT DISPLAY UNIT
USB, WI-FI, RJ-45, RS-485, LoRa OUTPUT

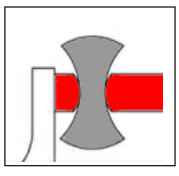
IOT DATA BUTTON

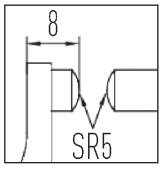
MADE IN UKRAINE

DOUBLE SPHERICAL DIGITAL MICROMETER

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



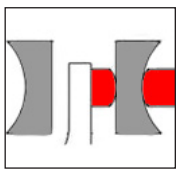


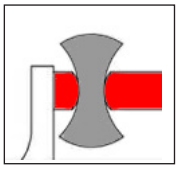


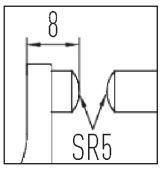
Item No	Range		Resolution	Accuracy	Anvils types	Proof
	mm	inch	mm	µm		
110360251	0-25	0-1"	0,001	±3	Sphere R 5mm	IP-65
110360501	25-50	1-2"		±3		
110360751	50-75	2-3"		±3		
110361001	75-100	3-4"		±3		

DOUBLE SPHERICAL COMPUTERIZED MICROMETER

- **Computerized** DOUBLE SPHERICAL micrometers with 0.1 micron resolution
- Computerized MICS indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))







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

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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MADE IN UKRAINE

BLADE DIGITAL MICROMETER

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

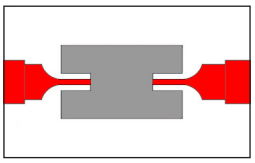
NON-ROTATING

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

BLADE COMPUTERIZED MICROMETER

- **Computerized** BLADE micrometers with 0.1 micron resolution
- Computerized MICS indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))

NON-ROTATING



Item No	Range		Reso-lution	Accu-racy	Anvils types	Proof	Preset	Analog scale	Graphic	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm																
110660258	0-25	0-1"	0,0001	±3	6,5x 0,75mm	IP-65	•	•	•	•	•	•	•	•	•	•	•	2000 val	Long+ HID	USB HID
110660508	25-50	1-2"		±3			•	•	•	•	•	•	•	•	•	•	•			
110660758	50-75	2-3"		±4			•	•	•	•	•	•	•	•	•	•	•			
110661008	75-100	3-4"		±4			•	•	•	•	•	•	•	•	•	•	•			

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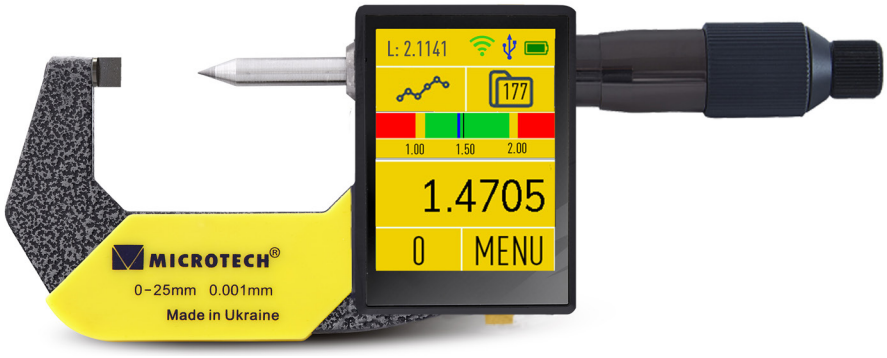
CABLE CRIMPING DIGITAL MICROMETER

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

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

CABLE CRIMPING COMPUTERIZED MICROMETER

- **Computerized** CABLE CRIMPING micrometers with 0.1 micron resolution
- Computerized MICS indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))

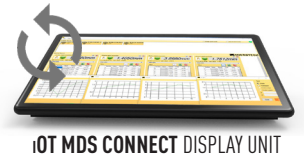


Item No	Range		Resolution	Accuracy	Anvils types	Proof	Preset	Analog scale	Graphic	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm																
110550258	0-20	0-0.8"	0,0001	±3	Point & Blade 0.75x6.5	IP-65	•	•	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER



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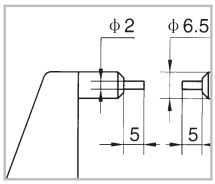
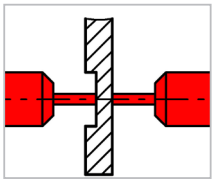
MADE IN UKRAINE

SMALL TIP DIGITAL MICROMETER

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

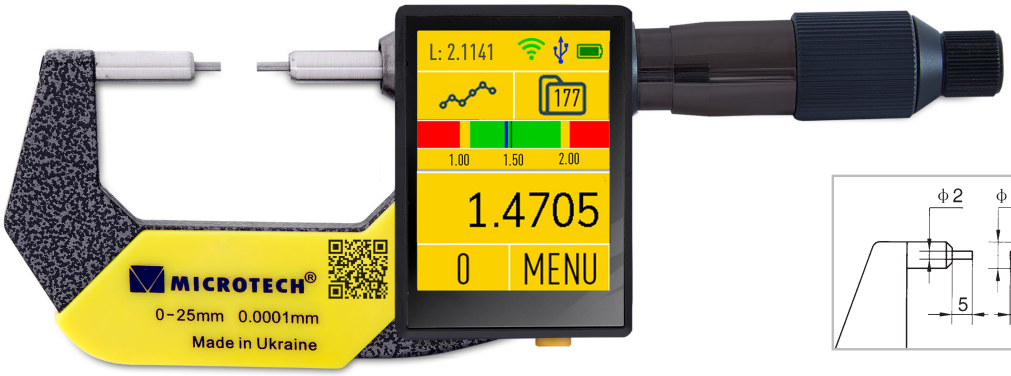


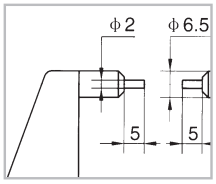


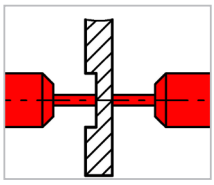
Item No	Range		Reso-lution	Accu-racy	Anvils types	Proof
	mm	inch	mm	µm		
110650251	0-25	0-1"	0,001	±4	D 2mm	IP-65
110650501	25-50	1-2"		±4		
110650751	50-75	2-3"		±5		
110651001	75-100	3-4"		±5		

SMALL TIP COMPUTERIZED MICROMETER

- **Computerized** SMALL TIP micrometers with 0.1 micron resolution
- Computerized MICS indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))







Item No	Range		Reso-lution	Accu-racy	Anvils types	Proof	Preset	Graphic	Analog scale	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm																
110650258	0-25	0-1"	0,0001	±3	D 2mm	IP-65	•	•	•	•	•	•	•	•	•	•	•	2000 val	Long+ HID	USB HID
110650508	25-50	1-2"		±3			•	•	•	•	•	•	•	•	•	•	•			
110650758	50-75	2-3"		±4			•	•	•	•	•	•	•	•	•	•	•			
110651008	75-100	3-4"		±4			•	•	•	•	•	•	•	•	•	•	•			

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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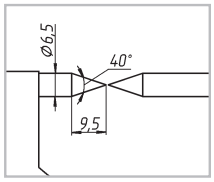
POINT DIGITAL MICROMETER

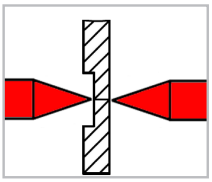
- **Digital** POINT micrometers
- **Calibration** certificate included (ISO17025 (Ilac MRA))

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

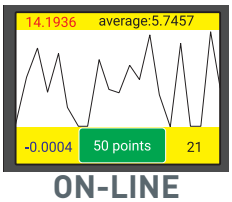
POINT COMPUTERIZED MICROMETER

- **Computerized** POINT micrometers with 0.1 micron resolution
- Computerized MICS indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))





Item No	Range		Reso-lution	Accu-racy	Anvils types	Proof	Preset	Graphic	Analog scale	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm																
110450258	0-25	0-1"	0,0001	±3	Pointed	IP-65	•	•	•	•	•	•	•	•	•	•	•	2000 val	Long+ HID	USB HID
110450508	25-50	1-2"		±3			•	•	•	•	•	•	•	•	•	•	•			
110450758	50-75	2-3"		±4			•	•	•	•	•	•	•	•	•	•	•			
110451008	75-100	3-4"		±4			•	•	•	•	•	•	•	•	•	•	•			



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MADE IN UKRAINE

DIGITAL MICROMETER HEAD

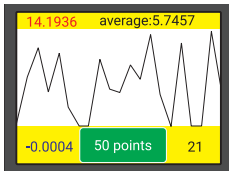
- Digital IP65 electronics
- Rotating or Non-rotating
- **Calibration** certificate included (ISO17025 (Ilac MRA))

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

COMPUTERIZED MICROMETER HEAD

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

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



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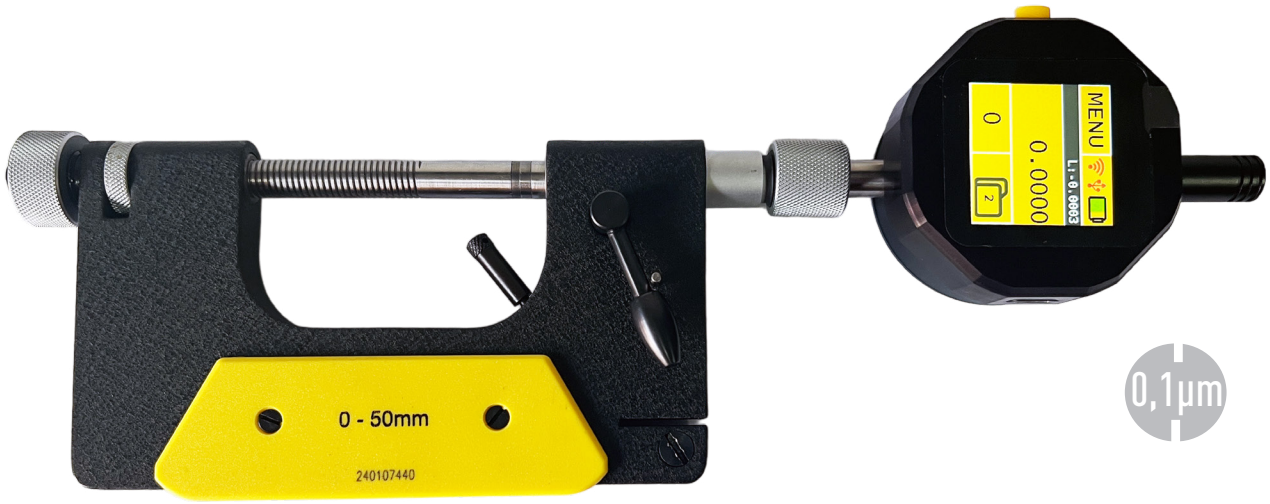
MADE IN UKRAINE

COMPUTERIZED SNAP GAUGE

- **Industry 4.0** adopted sub-micron Computerized Snap gauge
- Anvils D 8 mm
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



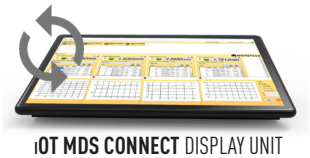
0,1µm

Item No	Range		Reso-lution	Accu-racy	Depth	Anvils type	Travel	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	mm		mm												
115050507	0-50	0-2"	0,0001	±3	32	D 8mm	3	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID
115051007	50-100	2-4"		±4	62			•	•	•	•	•	•	•	•	•			
115051507	100-150	4-6"		±4	85			•	•	•	•	•	•	•	•	•			
115052007	150-200	6-8"		±4	110			•	•	•	•	•	•	•	•	•			
115052507	200-250	8-10"		±6	110			•	•	•	•	•	•	•	•	•			
115053007	250-300	10-12"		±7	110			•	•	•	•	•	•	•	•	•			
115053507	300-350	12-14"		±8	110			•	•	•	•	•	•	•	•	•			
115054007	350-400	14-16"		±9	110			•	•	•	•	•	•	•	•	•			
115054507	400-450	16-18"		±10	110			•	•	•	•	•	•	•	•	•			
115055007	450-500	18-20"		±10	110			•	•	•	•	•	•	•	•	•			

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER



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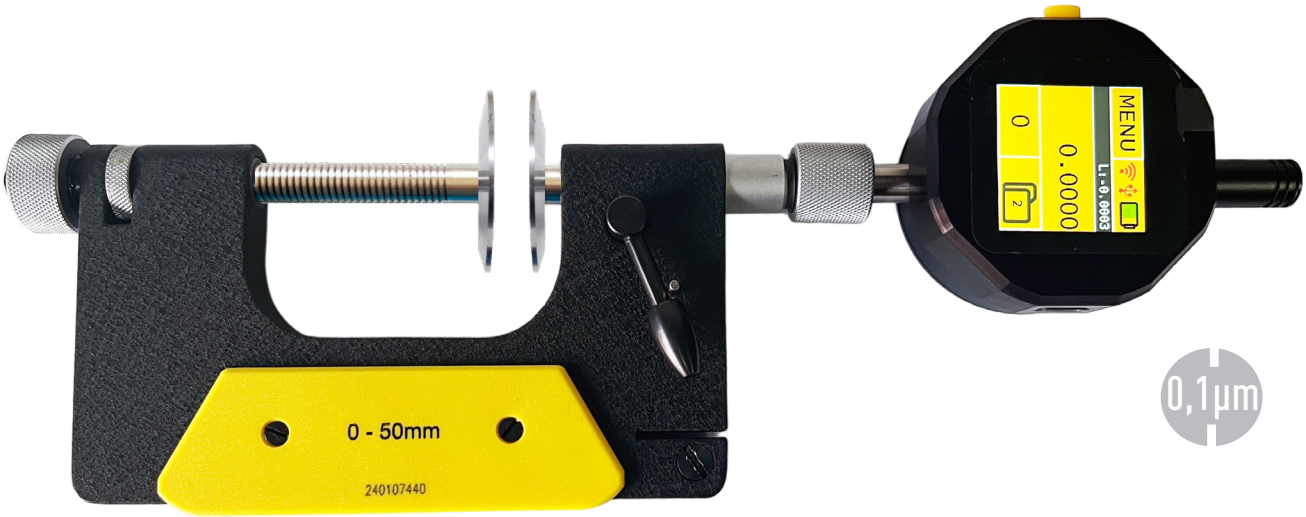
MADE IN UKRAINE

COMPUTERIZED DISK SNAP GAUGE

MICROTECH

- **Industry 4.0** adopted sub-micron Computerized Snap gauge
- Disk Anvils D 35 mm (other Diameter for request)
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



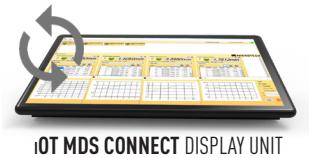
Item No	Range		Reso-lution	Accu-racy	Depth	Anvils type	Travel	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	mm		mm												
115050517	0-50	0-2"	0,0001	±4	32	D 35mm	3	•	•	•	•	•	•	•	•	•	•	•	•
115051017	50-100	2-4"		±4	62			•	•	•	•	•	•	•	•	•	•	•	•
115051517	100-150	4-6"		±6	85			•	•	•	•	•	•	•	•	•	•	•	•
115052017	150-200	6-8"		±7	110			•	•	•	•	•	•	•	•	•	•	•	•

D 35MM

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER



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MADE IN UKRAINE

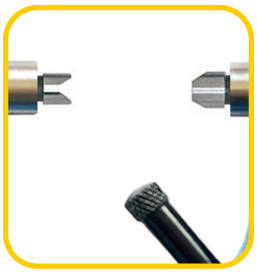
UNIVERSAL SNAP GAUGE

- **Industry 4.0** adopted sub-micron Universal Computerized Snap gauge
- Interchangeable optional anvils
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

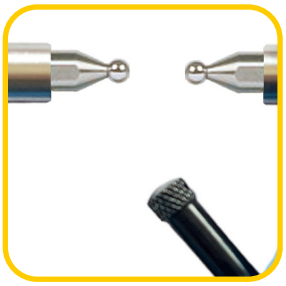
0,1µm

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

ANVILS ARE OPTIONAL



THREAD ANVILS



BALLS ANVILS

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	32	OPTIONAL	3	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID
115050977	40-90	2-4"		±4	62			•	•	•	•	•	•	•	•	•			
115051477	90-140	4-6"		±4	85			•	•	•	•	•	•	•	•	•			
115051977	140-190	6-8"		±4	110			•	•	•	•	•	•	•	•	•			
115052377	170-230	8-10"		±6	110			•	•	•	•	•	•	•	•	•			
115052577	200-250	8-10"		±6	110			•	•	•	•	•	•	•	•	•			
115053077	250-300	10-12"		±7	110			•	•	•	•	•	•	•	•	•			
115053577	300-350	12-14"		±8	110			•	•	•	•	•	•	•	•	•			
115054077	350-400	14-16"		±9	110			•	•	•	•	•	•	•	•	•			
115054577	400-450	16-18"		±10	110			•	•	•	•	•	•	•	•	•			
115055077	450-500	18-20"		±10	110			•	•	•	•	•	•	•	•	•			

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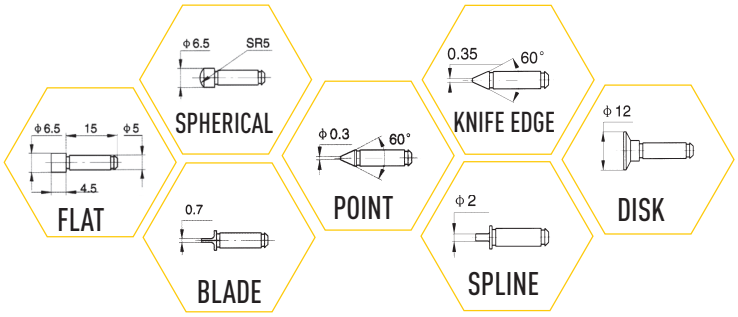
UNIVERSAL SNAP GAUGE

UNIVERSAL ANVILS SET



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

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		

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

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

OPTIONAL ACCESSORIES

ACCESSORIES FOR DATA TRANSFER

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

IOT DATA BUTTON

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MADE IN UKRAINE

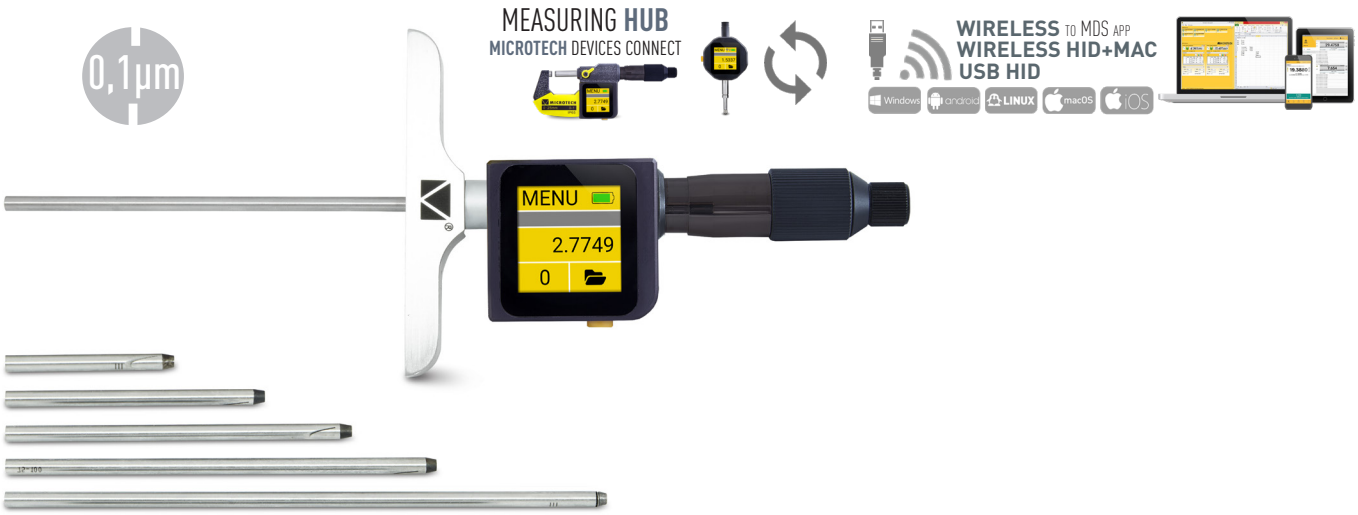
DEPTH DIIGITAL MICROMETER

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

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

DEPTH COMPUTERIZED MICROMETER

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



Item No	Range		Reso-lution	Accu-racy	Base	Proof	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	mm													
110900158	0-150	0-6"	0,0001	±4	100	IP-65	•	•	•	•	•	•	•	•	•	2000 val	Long+ HID	USB HID
110900208	0-200	0-8"		±5			•	•	•	•	•	•	•	•	•			
110900308	0-300	0-12"		±6			•	•	•	•	•	•	•	•	•			

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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IOT DATA BUTTON

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MADE IN UKRAINE

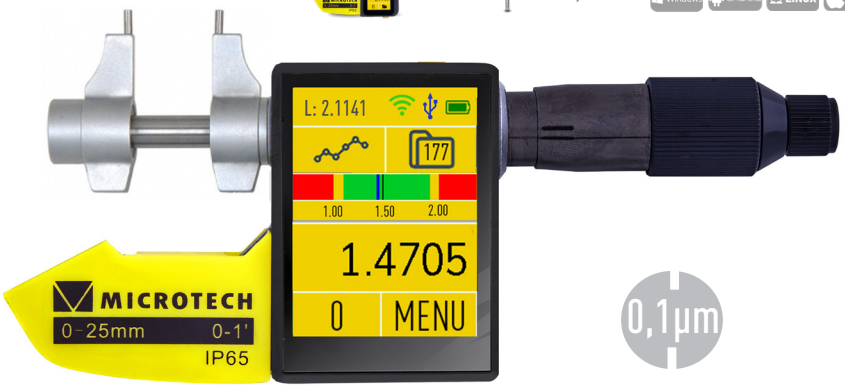
INSIDE DIIGITAL MICROMETER

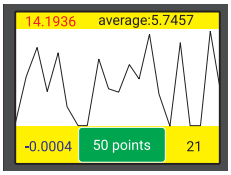
- Digital IP65 inside micrometer
- **Calibration** certificate included (ISO17025 (Ilac MRA))

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

INSIDE COMPUTERIZED MICROMETER

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



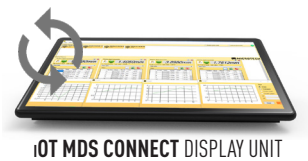


ON-LINE
GRAPHIC MODE

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

OPTIONAL ACCESSORIES

STANDARD MDS app
ACCESSORIES FOR DATA TRANSFER



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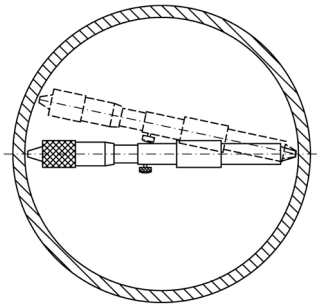
MADE IN UKRAINE

TUBULAR INSIDE MICROMETER

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

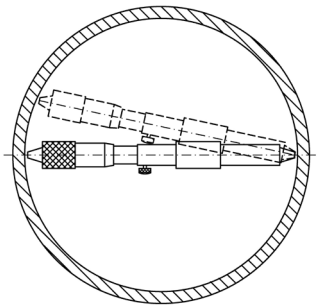
Item No	Range		Reso-lution	Accu-racy	Tube D	Extension rods	Proof	Preset
	mm	inch	mm	µm	mm	mm		
133800102	125-1000	5-40"	0,001	±20	22	25, 50 (2pcs), 100, 200 ,400	IP65	•
133800152	125-1500	5-60"		±25		25, 50 (2pcs), 100 (2pcs), 200 ,400 (2pcs)		•
133800202	125-2100	5-84"		±30		25, 50 (2pcs), 100 (2pcs), 200 (2pcs) ,400 (3pcs)		•
133800302	125-3000	5-120"		±40		25, 50 (2pcs), 100 (2pcs), 200 (3pcs) ,400 (5pcs)		•
133800402	125-4000	5-160"		±50		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)		•



TUBULAR INSIDE MICROMETER

MICROTECH

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



Item No	Range		Reso-lution	Accu-racy	Tube D	Extension rods	Proof	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	mm	mm													
133800100	125-1000	5-40"		±15		25, 50 (2pcs), 100 (2pcs), 200 (3pcs) ,400 (10pcs)		•	•	•	•	•	•	•	•	•			
133800150	125-1500	5-60"		±15		25, 50 (2pcs), 100 (2pcs), 200 (4pcs) ,400 (12pcs)		•	•	•	•	•	•	•	•	•			
133800200	125-2100	5-84"		±20	22	25, 50 (2pcs), 100 (2pcs), 200 (2pcs) ,400 (3pcs)		•	•	•	•	•	•	•	•	•			
133800300	125-3000	5-120"	0,0001	±30		25, 50 (2pcs), 100 (2pcs), 200 (3pcs) ,400 (5pcs)	IP65	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
133800400	125-4000	5-160"		±40		25, 50 (2pcs), 100 (2pcs), 200 (2pcs) ,400 (8pcs)		•	•	•	•	•	•	•	•	•			
133800500	125-5000	5-200"		±50	33	25, 50 (2pcs), 100 (2pcs), 200 (3pcs) ,400 (10pcs)		•	•	•	•	•	•	•	•	•			
133800600	125-6000	5-240"		±60		25, 50 (2pcs), 100 (2pcs), 200 (4pcs) ,400 (12pcs)		•	•	•	•	•	•	•	•	•			

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

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MADE IN UKRAINE

COMPUTERIZED 3 POINT INTERNAL MICROMETER

- **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

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

UP TO 1000 MM RANGE

Item No	Range		Reso-lution	Accur.	Max depth	Setting ring	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	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
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"		±10	1150		•	•	•	•	•	•	•	•	•			

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COMPUTERIZED 3 POINT INTERNAL MICROMETER SET

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

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

MADE IN UKRAINE

LONG COMPUTERIZED 3 POINT INTERNAL MICROMETER

MICROTECH

- **Industry 4.0** adopted Long range (up to 3m) 3-point internal micrometer with computerized MICS system
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range mm	Range inch	Reso-lution mm	Accur. µm	Max depth mm	Setting ring	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
133702511	20-25	0.8-1"	0,0001	±4	1000	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
133702512				±6	2000	•	•	•	•	•	•	•	•	•	•			
133703011	25-30	1-1.2"		±4	1000	•	•	•	•	•	•	•	•	•	•			
133703012				±6	2000	•	•	•	•	•	•	•	•	•	•			
133704011	30-40	1.2-1.6"		±4	1000	•	•	•	•	•	•	•	•	•	•			
133704012				±6	2000	•	•	•	•	•	•	•	•	•	•			
133705011	40-50	1.6-2"		±4	1000	•	•	•	•	•	•	•	•	•	•			
133705012				±6	2000	•	•	•	•	•	•	•	•	•	•			
133707011	50-70	2-3"		±4	1000	•	•	•	•	•	•	•	•	•	•			
133707012				±6	2000	•	•	•	•	•	•	•	•	•	•			
133707013				±8	3000	•	•	•	•	•	•	•	•	•	•			
133710011	70-100	3-4"		±4	1000	•	•	•	•	•	•	•	•	•	•			
133710012				±6	2000	•	•	•	•	•	•	•	•	•	•			
133710013				±8	3000	•	•	•	•	•	•	•	•	•	•			
133715011	100-150	4-6"		±4	1000	•	•	•	•	•	•	•	•	•	•			
133715012				±6	2000	•	•	•	•	•	•	•	•	•	•			
133715013				±8	3000	•	•	•	•	•	•	•	•	•	•			
133725011	150-250	6-10"		±5	1000	•	•	•	•	•	•	•	•	•	•			
133725012				±7	2000	•	•	•	•	•	•	•	•	•	•			
133725013				±9	3000	•	•	•	•	•	•	•	•	•	•			
133730011	200-300	8-12"		±6	1000	option	•	•	•	•	•	•	•	•	•			
133730012				±8	2000		•	•	•	•	•	•	•	•	•			
133730013				±9	3000		•	•	•	•	•	•	•	•	•			
133790012	200-1000	8-40"		±11	2000		•	•	•	•	•	•	•	•	•			
133790013				±14	3000		•	•	•	•	•	•	•	•	•			

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LONG COMPUTERIZED 3 POINT INTERNAL MICROMETER SET

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

MADE IN UKRAINE

COMPUTERIZED PISTOL GRIP BORE GAUGE

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

Item No	Range		Resol.	Accur.	Setting rings	Max depth	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm		mm												
133500810	6-8	0.25-0.32"	0,0001	±3	•	50+100	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
133501010	8-10	0.32-0.4"		±3	•	50+100	•	•	•	•	•	•	•	•	•			
133501210	10-12	0.4-0.5"		±3	•	50+100	•	•	•	•	•	•	•	•	•			
133501610	12-16	0.5-0.63"		±3	•	65+150	•	•	•	•	•	•	•	•	•			
133502010	16-20	0.63-0.8"		±3	•	65+150	•	•	•	•	•	•	•	•	•			
133502510	20-25	0.8"-1"		±3	•	91+150	•	•	•	•	•	•	•	•	•			
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	•	•	•	•	•	•	•	•	•			

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COMPUTERIZED PISTOL GRIP BORE GAUGE SET's

Item No	Range		Measuring heads	Setting rings	Max depth
	mm	inch			mm
133570612	6-12	0.25-0.5"	3pcs	3pcs	50+100
133571220	12-20	0.5-0.8"	2pcs	1pcs	65+150
133572050	20-50	0.8-2"	4pcs	2pcs	91+150
133575090	50-100	2-4"	4pcs	2pcs	65+150
133579130	6-150	0.25-6"	15pcs	up to 100mm	
LONG PISTOL GRIP BORE GAUGE SET					
133572051	20-50	0.8-2"	4pcs	2pcs	1000
133573053	30-50	1.2-2"	4pcs	2pcs	3000
133575091	50-100	2-4"	4pcs	2pcs	1000
133575093			4pcs	2pcs	3000
133575095			4pcs	2pcs	5000
133579131	20-150	0.8-4"	10pcs	5pcs	1000
133579133	30-150	1.2-4"	8pcs	4pcs	3000
133579135			8pcs		5000

OPTIONAL
ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

MADE IN UKRAINE

LONG COMPUTERIZED PISTOL GRIP BORE GAUGE

- **Industry 4.0** adopted Extra long Pistol grip bore gauge with computerized MICS system with 1,54" color Touchscreen
- Depth up to 5000mm
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range mm	Range inch	Resol. mm	Accur. µm	Setting rings	Max depth mm	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
133502511	20-25	0.8"-1"	0,0001	±3	•	1000	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
135303011	25-30	1-1.2"		±3	•	1000	•	•	•	•	•	•	•	•	•			
135303012				±4	•	2000	•	•	•	•	•	•	•	•	•			
133504011	30-40	1.2-1.6"		±3	•	1000	•	•	•	•	•	•	•	•	•			
133504012				±4	•	2000	•	•	•	•	•	•	•	•	•			
133504013				±5	•	3000	•	•	•	•	•	•	•	•	•			
133505011	40-50	1.6-2"		±4	•	1000	•	•	•	•	•	•	•	•	•			
133505012				±5	•	2000	•	•	•	•	•	•	•	•	•			
133505013				±5	•	3000	•	•	•	•	•	•	•	•	•			
133505015				±7	•	5000	•	•	•	•	•	•	•	•	•			
133506311	50-63	2-2.5"		±4	•	1000	•	•	•	•	•	•	•	•	•			
133506312				±5	•	2000	•	•	•	•	•	•	•	•	•			
133506313				±5	•	3000	•	•	•	•	•	•	•	•	•			
133506315				±7	•	5000	•	•	•	•	•	•	•	•	•			
133507511	62-75	2.5-3"		±4	•	1000	•	•	•	•	•	•	•	•	•			
133507512				±5	•	2000	•	•	•	•	•	•	•	•	•			
133507513				±5	•	3000	•	•	•	•	•	•	•	•	•			
133507515				±7	•	5000	•	•	•	•	•	•	•	•	•			
133508811	75-88	3-3.5"		±4	•	1000	•	•	•	•	•	•	•	•	•			
133508812				±5	•	2000	•	•	•	•	•	•	•	•	•			
133508813				±5	•	3000	•	•	•	•	•	•	•	•	•			
133508815				±7	•	5000	•	•	•	•	•	•	•	•	•			
133510011	87-100	3.5-4"		±4	•	1000	•	•	•	•	•	•	•	•	•			
133510012				±5	•	2000	•	•	•	•	•	•	•	•	•			
133510013				±5	•	3000	•	•	•	•	•	•	•	•	•			
133510015				±7	•	5000	•	•	•	•	•	•	•	•	•			
133512511	100-125	4-5"		±4	option	1000	•	•	•	•	•	•	•	•	•			
133512512				±5		2000	•	•	•	•	•	•	•	•	•			
133512513				±5		3000	•	•	•	•	•	•	•	•	•			
133512515				±7		5000	•	•	•	•	•	•	•	•	•			
133515011	125-150	5-6"		±4		1000	•	•	•	•	•	•	•	•	•			
133515012				±5		2000	•	•	•	•	•	•	•	•	•			
133515013				±5		3000	•	•	•	•	•	•	•	•	•			
133515015				±7		5000	•	•	•	•	•	•	•	•	•			

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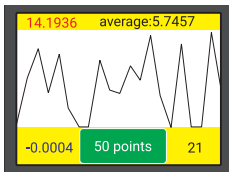
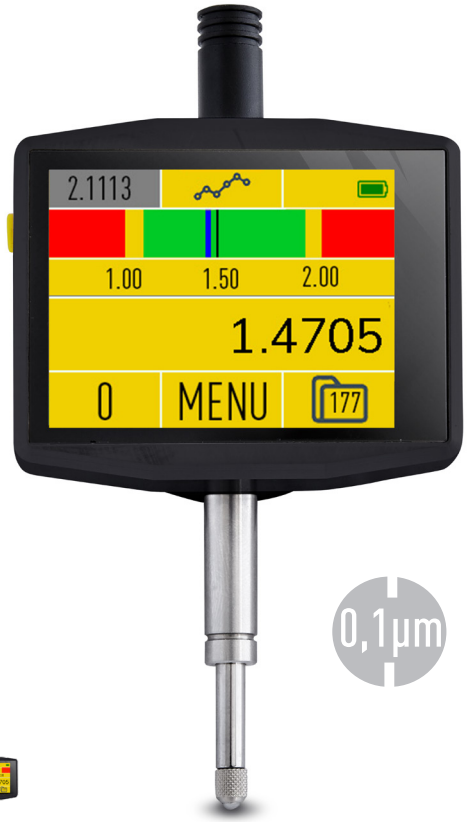
MADE IN UKRAINE

SUB-MICRON TABLET INDICATOR

- **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



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

Windows android LINUX macOS iOS

RANGE UP TO 150MM

0,1µm

MEASURING **HUB**
MICROTECH DEVICES CONNECT

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Item No	Range mm	Range inch	Reso-lution mm	Accu-racy. µm	Hyste-resis µm	Force N	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
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
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			•	•	•	•	•	•	•	•	•	•	•	•	•	•			

MADE IN UKRAINE

SUB-MICRON COMPUTERIZED INDICATOR

MICROTECH

- **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
Windows android LINUX macOS iOS

Item No	Range		Resol.	Accu-racy	Hyste-resis	Force	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	µm	N													
120129133	0-13	0-0,5"	0,0001	±5	0,5	0,6-1	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
120129135				±3			•	•	•	•	•	•	•	•	•	•			
120129137				±2			•	•	•	•	•	•	•	•	•	•			
120129138				±1.6			•	•	•	•	•	•	•	•	•	•			
120129252	0-25,4	0-1"		±7		0.7-1.2	•	•	•	•	•	•	•	•	•	•			
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

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

STANDS

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MADE IN UKRAINE

MODBUS PLC INDICATOR

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

MEASURING HUB
MICROTECH DEVICES CONNECT

Modbus
MODBUS PLC CONNECTION

0,1µm

Item No	Range		Reso-lution	Accu-racy.	Hyste-resis	Force	2D connect	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	PLC
	mm	inch	mm	µm	µm	N																		
120139137M	0-12,5	0-0,5"	0,0001	±2,0	0,5	0,6-1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
120139258M	0-25,4	0-1"		±2,0		0.7-1.2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
120139508M	0-50,8	0-2"		±3,0		1,2-2,2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
120139907M	0-100	0-4"		±5,0		1,2-2,2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
120139505M	0-150	0-6"		±8,0		3.2-5.2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

ROTATING TABLET INDICATOR

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

MEASURING HUB
MICROTECH DEVICES CONNECT

0,1µm

Item No	Range		Reso-lution	Accu-racy.	Hyste-resis	Force	2D connect	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	µm	N																	
120139137R	0-12,5	0-0,5"	0,0001	±2,0	0,5	0,6-1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
120139258R	0-25,4	0-1"		±2,0		0.7-1.2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
120139508R	0-50,8	0-2"		±3,0		1,2-2,2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

EXTERNAL PROBE INDICATOR

Item No	Range		Resol.	Accu-racy	Cable length	2D connect	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	m																	
120129137L	0-12,5	0-0.5"	0,0001	±2	2 (option up to 10m)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
120129258L	0-25,4	0-1"		±2		•	•	•	•	•	•	•	•	•	•	•	•	•	•			
120129508L	0-50,8	0-2"		±3		•	•	•	•	•	•	•	•	•	•	•	•	•	•			
120129907L	0-100	0-4"		±5		•	•	•	•	•	•	•	•	•	•	•	•	•	•			

MADE IN UKRAINE

SUB-MICRON COMPUTERIZED DIAL COMPARATOR

MICROTECH

- **Industry 4.0** adopted sub-micron Computerized dial comparator with 0.1 micron resolution
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **Quick reading system** (50 value/sec)
- **4 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

Windows android LINUX macOS iOS

0,1µm

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Item No	Range	Resolution	Accuracy	Force	Stem D	Preset	Go/NoGo	Max/Min	Formula	Timer	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	mm	mm	µm	N	mm												
120120288	0.03	0,0001	±0.5	1.8-2.2	28	•	•	•	•	•	•	•	•	•	•	•	•

DIAL COMPARATOR

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

MADE IN UKRAINE

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))

RANGE UP TO 150MM

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

OPTIONAL ACCESSORIES

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

STANDS

MADE IN UKRAINE

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			•	•		

OPTIONAL ACCESSORIES

STANDS

DIAL TEST INDICATOR

- Top quality dial test indicators
- Contrast black dial face
- 0.01 or 0.002 mm resolution
- Adjustable bezel for zeroing
- Jeweled
- Completing with dovetail stem 6 and 8mm
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range	Reso-lution	Repea-tability	Dial face	Accu-racy	Probe	Measuring Force	Scale Diameter
	mm	mm	mm		µm	mm	N	mm
120131080	0-0.8	0,01	3	40-0-40	±10	12,8	0,1-0,18	32
120131020	0-0.2	0,002	1,5	100-0-100	±6	12,8		40

DISPLAY UNIT & PROBES

- **Industry 4.0** adopted Display Unit with computerized MICS system with 3,5" color Touchscreen
- Up to 4 Probes connection or 4 WIRELESS connections
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

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

CAPACITIVE LINEAR PROBES

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

INFORMATION FOR REQUEST

INDUCTIVE LINEAR PROBES

MADE IN UKRAINE

SUB-MICRON COMPUTERIZED TEST INDICATOR

- **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))

WIRELESS to MDS APP
WIRELESS HID+MAC
USB HID
Windows android LINUX macOS iOS

Item No	Range		Resol.	Accu-racy	Probe	Measu-ring Force	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	mm	N													
120129018	-0.8 +0.8	-0.03" +0.03"	0,0001	±5	12,8	0,1-0,18	•	•	•	•	•	•	•	•	•	•	•	•	•

SUB-MICRON COMPUTERIZED TEST INDICATOR EXTERNAL PROBE

WIRELESS to MDS APP
WIRELESS HID+MAC
USB HID
Windows android LINUX macOS iOS

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

DOWNLOAD APP

Download Windows App

Download on the App Store

GET IT ON Google play

MADE IN UKRAINE

DIAL COMPARATOR STAND

Item No	Base	Measuring table	Flatness	Column	Fine adjustment	Clamp hole D	Weight
	mm	mm	µm	mm	mm	mm	kg
161002020	149x90x30	D60	2	D22x180	8	8	2

HYDRAULIC MAGNETIC STAND

- Aluminium arm
- Hydraulic stand
- High lock force holder

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

UNIVERSAL MAGNETIC STAND

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

Item No	Magnetic force	Base	Length	Clamp hole D	Weight
	kgf	mm	mm	mm	kg
161108800	80	50x60x55	380	8	1,4
161113800	130	50x120x55			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 adjust-ment
	kgf	mm	mm	mm	mm	
161108000	80	50x60x55	170x12	150x10	6/8	•
161113310	130	50x120x55	355x20	200x14		•
161113410	130	50x120x55	400x25	250x18		•
161113610			630x32	500x25		•
161126210	260	200x120x70	800x51	600x32		•
161126310			1000x51	600x32		•
161152410	520	250x250x80	1250x76	800x51		•
161152510			1500x76	800x51		•

FLEXIBLE MAGNETIC STAND

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

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

MICROMETER STAND

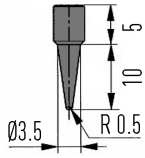
- Micrometer stand for fixing micrometers and snap gauges
- Customized modifications for requirement

Item No	Micrometer range	Depth	Adjustable angle	Weight
		mm		kg
161801500	up to 100mm	4-20	•	1,2

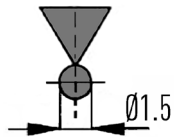
EXTERNAL COMPUTERIZED CALIPER GAUGE

- **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))

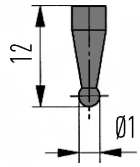
Form A CONE R 0,5 R 0.75



Form B POINT R 0.5



Form C BALL Ø 1.5



Form D BALL Ø 1

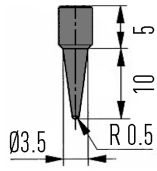
Item No	Range	Span	Depth	Groove depth	Measur contact	Contact points	Reso-lution	Repea-tability	Accu-racy	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	mm	mm	mm	mm	mm	mm	mm	mm	µm													
EXTERNAL COMPUTERIZED CALIPER GAUGE CONE contact (Form A)																						
134201005	0-10	10	40	3	8	Cone R 0,5	0,0005	0,003	±10	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
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	•	•	•	•	•	•	•	•	•	•			
EXTERNAL COMPUTERIZED CALIPER GAUGE POINT contact (Form B)																						
134202025	0-20	20	80	6,5	25	Point R 0.5	0,001	0,005	±20	•	•	•	•	•	•	•	•	•	•			
134204025	20-40	20	80	6,5	25			0,005	±20	•	•	•	•	•	•	•	•	•	•			
134206025	40-60	20	80	6,5	25			0,005	±25	•	•	•	•	•	•	•	•	•	•			
EXTERNAL COMPUTERIZED CALIPER GAUGE BALL contact (Form C)																						
134202035	0-20	80	6,5	25	3,5	Ball Ø 1.5	0,001	0,005	±15	•	•	•	•	•	•	•	•	•	•			
EXTERNAL 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	•	•	•	•	•	•	•	•	•	•			
EXTERNAL COMPUTERIZED CALIPER GAUGE INTERCHANGEABLE BALL contact (Form D)																						
134206075	0-60	20	80	6,5	variable	Ball Ø 1	0,001	0,01	±30	•	•	•	•	•	•	•	•	•	•			
134210075	40-100	20	80	6,5	variable			0,03	±40	•	•	•	•	•	•	•	•	•	•			

MADE IN UKRAINE

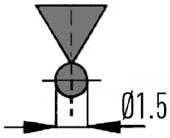
INTERNAL COMPUTERIZED CALIPER GAUGE

- **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))

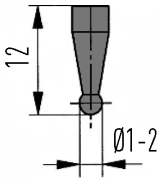
Form A CONE R 0,3, R 0.5



Form B POINT R 0.5



Form C BALL Ø 1.5



Form D BALL Ø 1 , Ø 2

Item No	Range	Span	Depth	Groove depth	Measur contact	Contact points	Reso-lution	Repea-tability	Accu-racy	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	mm	mm	mm	mm	mm	mm	mm	mm	µm													
INTERNAL COMPUTERIZED CALIPER GAUGE CONE contact (Form A)																						
134102505	5-25	20	35	1	1,5	Cone R 0,3	0,001	0,005	±15	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
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			0,01	±25	•	•	•	•	•	•	•	•	•	•			
134110045	50-100	50	180	3.5	15	Ball Ø 2		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	•	•	•	•	•	•	•	•	•	•			

MADE IN UKRAINE

FILM THICKNESS GAUGES

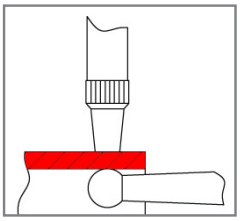
- FILM Thickness gauge
- Dial, Digital or Computerized electronics
- MODIFICATION with **WIRELESS** data transfer **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

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	**WIRELESS +USB**

WALL THICKNESS GAUGES

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

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



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

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

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GET IT ON Google play

MADE IN UKRAINE

CONSTANT PRESSURE THICKNESS GAUGES

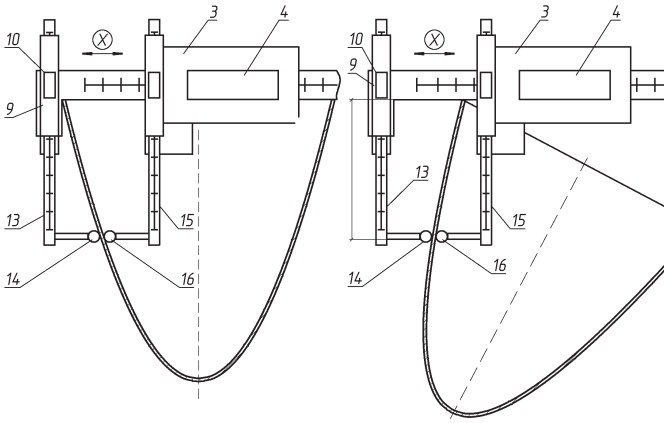
WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

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

Item No	Range	Resolution	Accuracy	Force	Display	Data output
	mm	mm	µm	mPA		
137320101	0-1	0,001	±5	0.1	Dial	-
137320105	0-5		±5		Digital	
137320108		0,0001	±3		Computerized	**WIRELESS +USB**

2D THICKNESS GAUGE

- **2D Thickness gauge** for deep and complex shapes measuring. Control Z (jaws depth) and X (depth and range) axes
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- 3 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

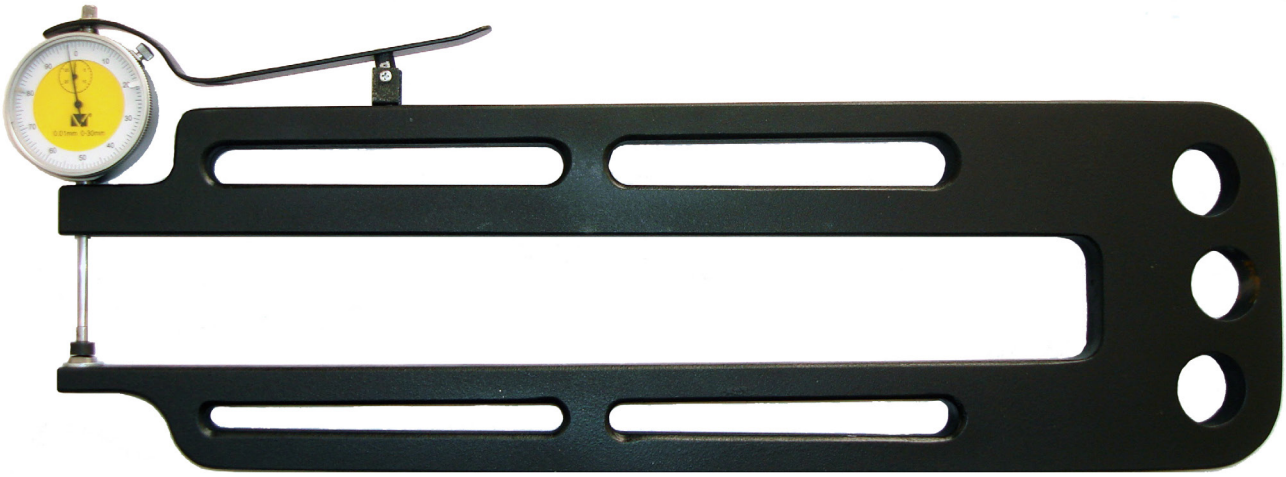
Item No	Range		Resolution		Accuracy		Display	2D connect	Probe connect	On-line Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Connect. status	Recharge batt	Memory	Wireless	USB	Color Display
	X	Z	Z	X	Z	X																			
	mm	mm	mm	mm	µm	µm																			
149020307	0-300	0-150	0,001	0.005	±30	±30	Digital	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
149020507	0-500				±50	±30		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

MADE IN UKRAINE

DIAL THICKNESS GAUGES

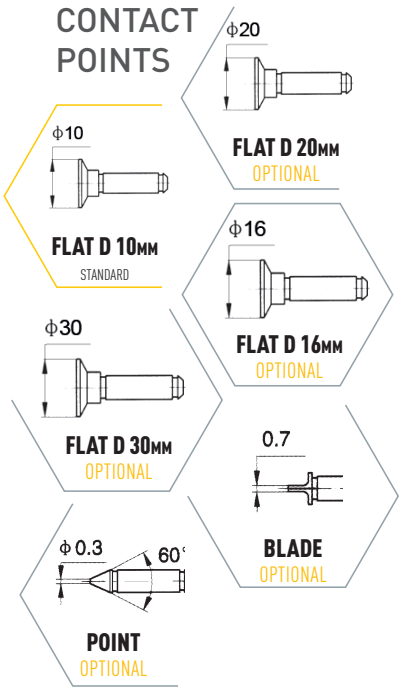
- Dial thickness gauge with range up to 100mm and depth up to 800mm
- Optional contact point or gauge configuration for request
- **Calibration** certificate included (ISO17025 (Ilac MRA))

CUSTOM RANGE AND DEPTH FOR REQUEST



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

CONTACT POINTS



MADE IN UKRAINE

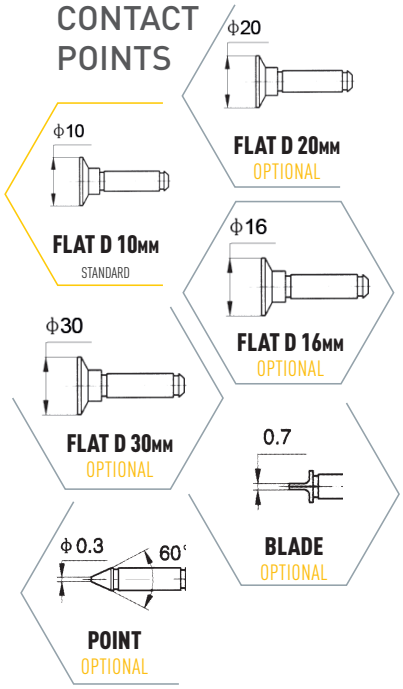
DIGITAL THICKNESS GAUGES

- Digital thickness gauge with range up to 300mm and depth up to 800mm
- Micron Digital indicator IP65 proof with PRESET function
- Optional contact point or gauge configuration for request
- **Calibration** certificate included (ISO17025 (Ilac MRA))

CUSTOM RANGE AND DEPTH FOR REQUEST

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



OPTIONAL ACCESSORIES

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

MADE IN UKRAINE

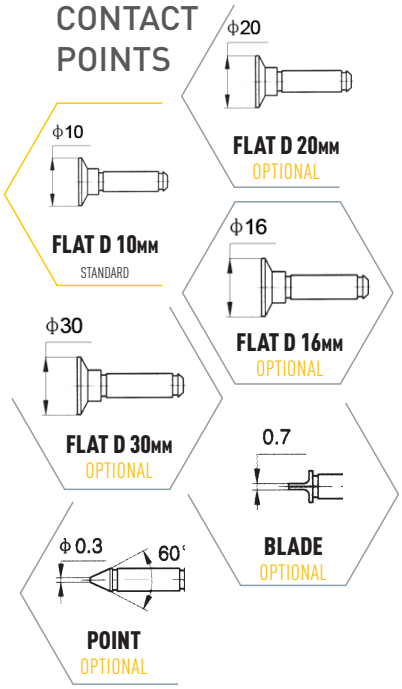
COMPUTERIZED THICKNESS GAUGES

- **Industry 4.0** adopted sub-micron Computerized thickness gauge with range up to 300mm and depth up to 800mm
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **Quick reading system** (50 value/sec)
- **4 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

CUSTOM RANGE AND DEPTH FOR REQUEST

Item No	Range	Reso-lution	Accu-racy	Depth	Contact points D Standard	Contact points D Optional	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	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
137010127	0-10		±8	120	10		•	•	•	•	•	•	•	•	•	•			
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			±35	800			•	•	•	•	•	•	•	•	•	•			
137100207	0-100		±15	200			•	•	•	•	•	•	•	•	•	•			
137100407			±24	400			•	•	•	•	•	•	•	•	•	•			
137100607			±32	600			•	•	•	•	•	•	•	•	•	•			
137100807			±44	800			•	•	•	•	•	•	•	•	•	•			
137150407	0-150		±50	400			•	•	•	•	•	•	•	•	•	•			
137150807			±70	800			•	•	•	•	•	•	•	•	•	•			
137300407	150-300		±60	400			•	•	•	•	•	•	•	•	•	•			
137300807			±85	800			•	•	•	•	•	•	•	•	•	•			

CONTACT POINTS



OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

IOT DATA BUTTON

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MADE IN UKRAINE

SOFT MATERIALS THICKNESS GAUGE

- Digital thickness gauge for soft materials
- Micron Digital indicator IP65 proof with PRESET function
- Optional contact point or gauge configuration for request
- **Calibration** certificate included (ISO17025 (Ilac MRA))

CUSTOM RANGE AND ANVILS FOR REQUEST

Item No	Standard	Material	Range	Resol.	Depth	Accuracy	Base	Measuring surface		Force	
			mm	mm	mm	mm	mm	mm	cm^2	N	kPA
137331201	ASTM D1777-1	woven fabrics knitted 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	coated fabrics, narrow fabrics, webbing tapes, ribbons braids				0,015	D38	D9,5	0,7085	1,66±0,05	23,4±0,7
137331203	ASTM D1777-3	films, glass cloths, glass tapes.				0,002/0,012	D19	D6,3	0,3117	5,36±0,42	172±14
137331204	ASTM 3767-03-B	rubber 30-100mm				0,007	40x30	40x30	12	8±2	6,7
137331205	ASTM D3767-A1	rubber				0,01/ 1%	R12,5	R12,5 D10		0,8±0,1	
137331206	DIN 53370-F	plastic films				2% / 0,12	D10	D10	0,785	3,93	50
137331207	DIN 53370-P	foil				0,01-0,015	D10	R30 D5		0,5	
137331208	DIN EN 1849-2	waterproofing sheet flexible sheets				0,01	D10	D10	0,785	1,57	20±10
137331209	ISO 3034	corrugated fiberboard				0,02	D35,7	D35,7	10	20±0,5	20±0,5
137331210	ISO 4593-R	plastic, film and sheeting				0,001 /0,002/	D10	R30/D5		0,5	
137331211	ISO 4593-P	plastic, film and sheeting				0,003/ 0,012	D10	D10	0,785	1	12,74
137331212	ISO 23529-A ASTM D3767-03-A	rubber & elastomer <35IRHD				1%	D100	D10	0,785	0,8±0,16	10±2
137331213	ISO 23529-A ASTM D3767-03-A	rubber & elastomer >35IRHD				0,01		D10	0,785	1,76±0,35	22±5

OPTIONAL ACCESSORIES

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

MADE IN UKRAINE

SOFT MATERIALS THICKNESS GAUGE WITH TIMER

- **Industry 4.0** adopted sub-micron Computerized thickness gauge for soft materials
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **Quick reading system** (50 value/sec)
- **4 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

CUSTOM RANGE AND DEPTH FOR REQUEST

Item No	Standard	Material	Range	Resol.	Depth	Accuracy	Base	Measuring surface		Force		Timer auto
			mm	mm	mm	mm	mm	mm	cm^2	N	kPA	sec.
137331231	ASTM D5199-01-B	geomembranes	0-10	0,0001	50	0,02	D6,35	D6,35	0,3167	0,633±0,006	20±0,2	5
137331232	ASTM D5199-01-A	geotextiles, geonets, geocomposite drainage materials				0,02	D76,4	D56,4	25	5±0,05	2±0,02	5
137331233	ISO 2286-3	rubber, platic 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 geosyntetic barriers				0,02	D56,4	D56,4	25	50±0,5	20±02	5
137331238	ISO 9863-1	polymeric and bituminous geosyntetic of non-inifrom thickness				0,015	R 1	R 1	25	0,6±0,1		5

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

IOT DATA BUTTON

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SOFT MATERIALS THICKNESS STAND

MICROTECH

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		0,015	D58	D28,7±0,02	6,47	2,68±0,13 0,45±0,05	4,14 0,7	
137331252	ASTM D1777-2	coated fabrics, narrow fabrics, webbing tapes, ribbons braids	0-25		0,012	D58	D9,5±0,02	0,7085	1,66±0,05	23,4±0,7	
137331253	ASTM D1777-3	films, glass cloths, glass tapes.	0-25		0,002-0,01	D58	D6,3	0,312	5,36±0,42	172±14	
137331254	ASTM D1777-4	glass fiber mat	0-25		0,02	150x100	D57,15±0,02	25,65	48,48±1,8	18,9±0,7	
137331255	ASTM D3767-03-A1	rubber	0-25		1% 0,01	R1 D58	R12,5 D10		0,8±0,1	1%	
137331256	ASTM D3767-03-A ISO 23529-A	rubber & elastomer <35IRHD	0-25		0,01 /1%	300x200	D10	0,785	0,8±0,16 1,76±0,35	10±2 22±4,4	
137331257	ASTM D5199-01-A	geotextiles, geonets, geocomposite drainage materials	0-25		0,012	150x100	D56,4	25	5±0,05	2±0,02	5
137331258	ASTM D5199-01-B	geomembranes	0-25		0,012	D58	D6,35	0,3167	0,633±0,006	20±0,2	5
137331260	DIN EN 1849-2	waterproofing sheet flexible sheets	0-25		1% / 0,01	D58	D10	0,785	1,57±0,785	20±10	
137331261	DIN 53370-P	foil	0-25		0,002-0,012	D58	R30 D5		0,5		
137331262	DIN 53370-F	plastic films	0-25		0,0002-0,012	D58	D10	0,785	3,93	50	
137331263	DIN 53855-1	compression of textile	0-50		0,01-0,02	300x200	D35,69 D56,34	10 25	0,49 / 2,45 1,23/ 6,13	0,51 / 2,55	60
137331264	EN 964-1	geotextiles	0-25	0,0001	0,01-0,015	150x100	D56,42	25	5±0,04 50±0,4 500±4	2±0,02 20±0,2 200±2	30
137331265	ISO 534	paper, cardboard	0-25		0,5% / 0,0025/ 0,015	D58	D16	2	20±2	100±10	
137331266	ISO 2286-3	rubber, platic 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 buly nonwowens > 20mm	0-150		0,05	400x250	200x200	400	0,8±0,02	0,02	10
137331275	ISO 9863-1-D	polymeric and bituminous geosyntetic of non-inifrom 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 geosyntetic barriers	0-25		0,01-0,015	150x100	D56,4	25	5±0,05 50±0,5 500±5	2±0,02 20±0,2 200±2	5

DIAL BORE GAUGES WITH CARBIDE CONTACTS

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

UP TO
2000MM
DEPTH

CUSTOM RANGE AND DEPTH FOR REQUEST

Item No	Range	Depth	Resolu-tion	Accuracy
	mm	mm	mm	µm
132010100	6-10	60	0.01	±8
132018100	10-18	110		±8
132050100	18-50	130		±12
132050111		500		±12
132050122		1000		±12
132050144		2000		±12
132160100	50-160	150		±15
132160111		500		±15
132160122		1000		±15
132160144		2000		±15
132250100	160-250	260		±15
132250122		1000		±15
132250144		2000		±15
132450100	250-450	260		±22
132450122		1000		±22
132450144		2000		±22
132900100	400-1000	440		±30
132900122		1000		±30
132900144		2000		±30
132951100	130-1500	440		±25
BORE GAUGES SETS				
132160105	18-160		0.01	±15
132450105	18-450			±22
132990105	6-1000			±30

MADE IN UKRAINE

DIGITAL BORE GAUGES WITH CARBIDE CONTACTS

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

Item No	Range	Depth	Resolu-tion	Accuracy	Preset	Hold
	mm	mm	mm	µm		
132010800	6-10	60	0.001	±3	•	•
132018800	10-18	110		±3	•	•
132050800	18-50	130		±3	•	•
132050811		500		±3	•	•
132050822		1000		±3	•	•
132050844		2000		±3	•	•
132160800	50-160	150		±3	•	•
132160811		500		±3	•	•
132160822		1000		±3	•	•
132160844		2000		±3	•	•
132250800	160-250	260		±5	•	•
132250822		1000		±5	•	•
132250844		2000		±5	•	•
132450800	250-450	260		±8	•	•
132450822		1000		±8	•	•
132450844		2000		±8	•	•
132900800	400-1000	440		±12	•	•
132900822		1000		±12	•	•
132900844		2000		±12	•	•
132951800	130-1500	440		±8	•	•
BORE GAUGES SETS						
132160805	18-160		0.001	±3	•	•
132450805	18-450			±8	•	•
132990805	6-1000			±12	•	•

CUSTOM RANGE AND DEPTH FOR REQUEST

OPTIONAL ACCESSORIES

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

UNIVERSAL CALIBRATION STANDS

MADE IN UKRAINE

COMPUTERIZED BORE GAUGES WITH CARBIDE CONTACTS

- 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))

CUSTOM RANGE AND DEPTH FOR REQUEST

Item No	Range	Depth	Resolution	Accuracy	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	mm	mm	mm	µm													
132010700	6-10	60	0.0001	±3	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update firmware
132018700	10-18	110		±3	•	•	•	•	•	•	•	•	•	•			
132050700	18-50	130		±3	•	•	•	•	•	•	•	•	•	•			
132050711		500		±3	•	•	•	•	•	•	•	•	•	•			
132050722		1000		±3	•	•	•	•	•	•	•	•	•	•			
132050744		2000		±3	•	•	•	•	•	•	•	•	•	•			
132160700	50-160	150		±3	•	•	•	•	•	•	•	•	•	•			
132160711		500		±3	•	•	•	•	•	•	•	•	•	•			
132160722		1000		±3	•	•	•	•	•	•	•	•	•	•			
132160744		2000		±3	•	•	•	•	•	•	•	•	•	•			
132250700	160-250	260		±5	•	•	•	•	•	•	•	•	•	•			
132250722		1000		±5	•	•	•	•	•	•	•	•	•	•			
132250744		2000		±5	•	•	•	•	•	•	•	•	•	•			
132450700	250-450	260		±8	•	•	•	•	•	•	•	•	•	•			
132450722		1000		±8	•	•	•	•	•	•	•	•	•	•			
132450744		2000		±8	•	•	•	•	•	•	•	•	•	•			
132900700	400-1000	440		±12	•	•	•	•	•	•	•	•	•	•			
132900722		1000		±12	•	•	•	•	•	•	•	•	•	•			
132900744		2000		±12	•	•	•	•	•	•	•	•	•	•			
132951700	130-1500	440		±8	•	•	•	•	•	•	•	•	•	•			
BORE GAUGES SETS																	
132160705	18-160		0.0001	±3	•	•	•	•	•	•	•	•	•	•	•	•	•
132450705	18-450			±8	•	•	•	•	•	•	•	•	•	•	•	•	•
132990705	6-1000			±12	•	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL
ACCESSORIES

ACCESSORIES FOR DATA TRANSFER

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

CAMERA SYSTEM

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MADE IN UKRAINE

BIG DEPTH BORE GAUGES

- 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

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

MODIFICATION WITH SUPPORT SET AND RETRACTABLE HEAD

CUSTOM RANGE AND DEPTH FOR REQUEST

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

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

CAMERA SYSTEM

RETRACTABLE HEAD

SUPPORTS WITH ROLLS

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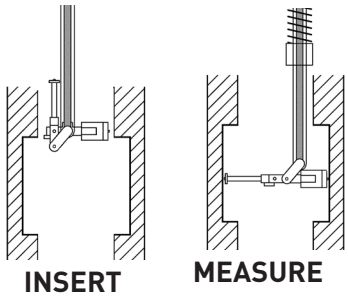
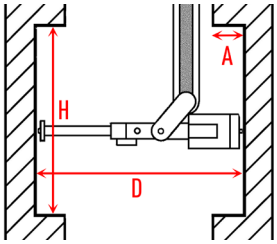
MADE IN UKRAINE

RETRACTABLE DIGITAL BORE GAUGES

- **Retractable** construction of measring part for block bores, grooves and recesses
- For the determination of internal diameters, where a smaller bore lying in front of this diameter, has to be passed
- **Patents** UA147920, UA150454, UA99686
- Digital or Computerized MICS indication system Modification with 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))





CUSTOM RANGE AND DEPTH FOR REQUEST

Item No*	Range D	Reso-lution	Max A	Min H	MaxH	Accuracy
	mm	mm	mm	mm	mm	µm
139160800	70-160	0,001	20	D-30	150	±15
139160811					1000	±25
139160822					2000	±30
139160833					3000	±35
139250800	160-250				150	±15
139250811					1000	±25
139250822					2000	±30
139250833					3000	±35
139450800	250-450				150	±15
139450811					1000	±25
139450822					2000	±30
139450833					3000	±35
139550800	250-550		60	100+0,3*D	380	±25
139780800	480-780				400	±30
139910800	720-1020				400	±35

OPTIONAL ACCESSORIES

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

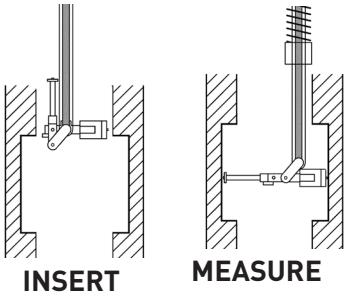
MADE IN UKRAINE

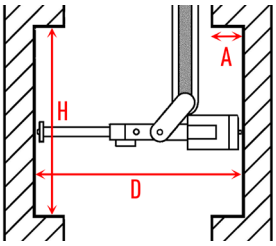
RETRACTABLE COMPUTERIZED BORE GAUGES

- **Retractable** construction of measring part for block bores, grooves and recesses
- For the determination of internal diameters, where a smaller bore lying in front of this diameter, has to be passed
- **Patents** UA147920, UA150454, UA99686
- Computerized MICS indication system
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

0,1µm





CUSTOM RANGE AND DEPTH FOR REQUEST

Item No*	Range D	Reso-lution	Max A	Min H	MaxH	COMPUTERIZED													
						Accur.	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	mm	mm	mm	mm	mm	µm													
139160700	70-160	0,0001	20	D-30	150	±12	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update firmware
139160711					1000	±20	•	•	•	•	•	•	•	•	•	•			
139160722					2000	±25	•	•	•	•	•	•	•	•	•	•			
139160733					3000	±30	•	•	•	•	•	•	•	•	•	•			
139250700	160-250				150	±12	•	•	•	•	•	•	•	•	•	•			
139250711					1000	±20	•	•	•	•	•	•	•	•	•	•			
139250722					2000	±25	•	•	•	•	•	•	•	•	•	•			
139250733					3000	±30	•	•	•	•	•	•	•	•	•	•			
139450700	250-450				150	±12	•	•	•	•	•	•	•	•	•	•			
139450711					1000	±20	•	•	•	•	•	•	•	•	•	•			
139450722					2000	±25	•	•	•	•	•	•	•	•	•	•			
139450733					3000	±30	•	•	•	•	•	•	•	•	•	•			
139550700	250-550		60	100+0,3*D	380	±20	•	•	•	•	•	•	•	•	•	•			
139780700	480-780				400	±25	•	•	•	•	•	•	•	•	•	•			
139910700	720-1020				400	±30	•	•	•	•	•	•	•	•	•	•			

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

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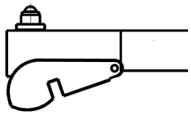
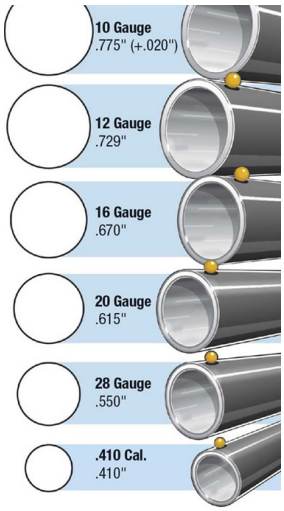
MADE IN UKRAINE

- Two-point Shotgun bore gauges for different calibers with depth 760mm
- Carbide tipped measuring pins
- Computerized MICS indication system
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range			Reso-lution	Max Depth	Accu-racy	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	Caliber	mm	inch	mm	mm	µm												
138070007	0.410	10.2-10,6	0,410"	0,0001	760	±12	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID
138028007	28	13,8-14,2	0,551"			±12	•	•	•	•	•	•	•	•	•			
138024007	24	14,7-15,1	0,587"			±12	•	•	•	•	•	•	•	•	•			
138020007	20	15,7-16,1	0,626"			±12	•	•	•	•	•	•	•	•	•			
138016007	16	16,8-17,2	0,669"			±12	•	•	•	•	•	•	•	•	•			
138012007	12	18,2-18,6	0,724"			±12	•	•	•	•	•	•	•	•	•			
138010007	10	19,7-20,1	0.775"			±12	•	•	•	•	•	•	•	•	•			
138004007	4	26,2-26,6	1,039"			±12	•	•	•	•	•	•	•	•	•			



OPTIONAL ACCESSORIES

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ACCESSORIES FOR DATA TRANSFER

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MADE IN UKRAINE

BIG BARELL BORE GAUGES

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

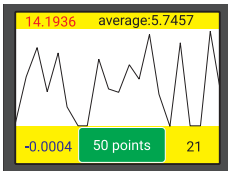
WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

Windows android LINUX macOS iOS

MEASURING **HUB**
MICROTECH DEVICES CONNECT

LUNETS SET

Item No	Range		Reso-lution	Max Depth	Lunet set	Depth scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	Caliber	mm	mm	mm	pcs	mm												
138006007	60	59,3-60,7	0,0001	1200	option	50	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID
138008007	80	79,3-80,7					•	•	•	•	•	•	•	•	•			
138008107	81	80,3-81,7					•	•	•	•	•	•	•	•	•			
138008207	82	81,3-82,7					•	•	•	•	•	•	•	•	•			
138012007	120	119,3-120,7		2000	3	200	•	•	•	•	•	•	•	•	•			
138012207	122.4	122-123,6		3000	4		•	•	•	•	•	•	•	•	•			



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GRAPHIC MODE

OPTIONAL ACCESSORIES

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MADE IN UKRAINE

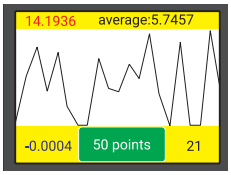
BIG BARELL PISTOL GRIP BORE GAUGES

- Three-point Big barrel Pistol-grip bore gauges
- Carbide tipped measuring pins
- Computerized MICS indication system
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

MEASURING HUB
MICROTECH DEVICES CONNECT

Item No	Range		Reso-lution	Max Depth	Lunet set	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	Caliber	mm	mm	mm	pcs												
138206017	60	59-61	0,0001	1000	option	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID
138206217	62	61-63		1000		•	•	•	•	•	•	•	•	•			
138208017	80	79-81		1500		•	•	•	•	•	•	•	•	•			
138208217	82	81-83		1500	1	•	•	•	•	•	•	•	•	•			
138212027	120	119-121		2000	2	•	•	•	•	•	•	•	•	•			



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GRAPHIC MODE

OPTIONAL ACCESSORIES

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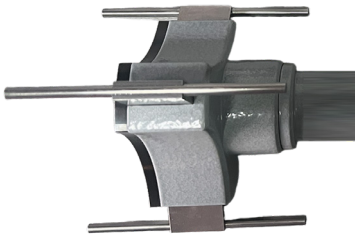
MADE IN UKRAINE

GUN BARELL PISTOL GRIP BORE GAUGES

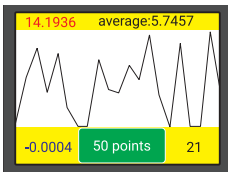
- Three-point Gun barrel Pistol-grip bore gauges
- Carbide tipped measuring pins
- Computerized MICS indication system
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

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

MEASURING HUB
MICROTECH DEVICES CONNECT



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



ON-LINE
GRAPHIC MODE

OPTIONAL ACCESSORIES

STANDARD MDS app
ACCESSORIES FOR DATA TRANSFER

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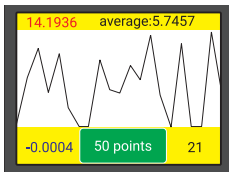
MADE IN UKRAINE

- Radius gauges for **External & Internal** measurings with range up to **15m**
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode,**4 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

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

MEASURING **HUB**
MICROTECH DEVICES CONNECT



ON-LINE
GRAPHIC MODE

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

MEASURING **HUB**
MICROTECH DEVICES CONNECT

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

OPTIONAL ACCESSORIES

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ACCESSORIES FOR DATA TRANSFER

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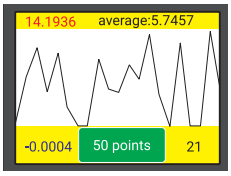
MADE IN UKRAINE

RADIUS GAUGES SET

- Radius gauges SET for **External & Internal** measurings
- **Including** Interchangeable bases set
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, **4 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

MEASURING **HUB**
MICROTECH DEVICES CONNECT

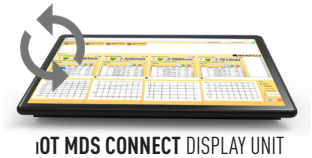


ON-LINE
GRAPHIC MODE

Item No	Radius			Resol.	Accu-racy	Base	Indica-tor range	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Memory	WIRELESS	USB
	Range		Type																	
	mm	inch		µm	%	mm	mm													
1250512007	5-2000	0,2-80''	internal & external	1	0,4-1	10,30,60,100	13	•	•	•	•	•	•	•	•	•	•	•	•	•
1250513007	5-4000	0,2-160''				10,30,60,100,200		•	•	•	•	•	•	•	•	•	•	•	•	•
1250515007	40-7500	2-300"				40, 200	50	•	•	•	•	•	•	•	•	•	•	•	•	•
1250516007	40-15000	2-600"				40, 300		•	•	•	•	•	•	•	•	•	•	•	•	•
1250517007	5-15000	0,2-600"				10, 40, 300		•	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL ACCESSORIES

STANDARD MDS app
ACCESSORIES FOR DATA TRANSFER



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USB, WI-FI, RJ-45, RS-485, LoRa OUTPUT

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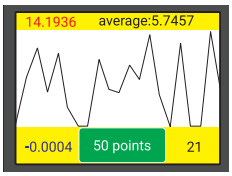
MADE IN UKRAINE

SPHERE RADIAL GAUGE

- Sphere radius gauges for external & internal measurings
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA)

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

MEASURING HUB
MICROTECH DEVICES CONNECT



ON-LINE
GRAPHIC MODE

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

OPTIONAL ACCESSORIES

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MADE IN UKRAINE

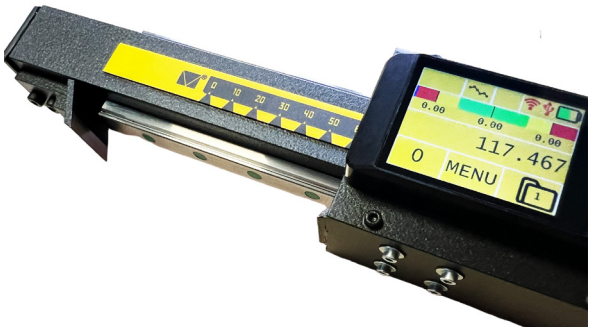
WIDE RANGE EXTERNAL RADIUS COMPUTERIZED GAUGE

MICROTECH

- **WIDE RANGE** Radius gauges for external measurings up to 32m
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA)

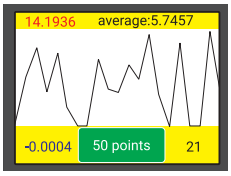
UP TO 32M

PAT.UA132139
PAT.UA10184772



WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

MEASURING HUB
MICROTECH DEVICES CONNECT



ON-LINE
GRAPHIC MODE

Item No	Radius			Reso-lution	Base length	Accuracy	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	Range		Type																			
	mm	inch		µm	mm	%																
1250530256	60-2550	2.5-100"	external	1	600	0,1%	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
1250531156	100-11200	4-450"			1200		•	•	•	•	•	•	•	•	•	•	•	•	•			
1250533356	200-32200	8-1290"			2000		•	•	•	•	•	•	•	•	•	•	•	•	•			

OPTIONAL ACCESSORIES

STANDARD MDS app
ACCESSORIES FOR DATA TRANSFER

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

IOT DATA BUTTON

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MADE IN UKRAINE

DIGITAL PROTRACTOR

- Digital protractor 0-360° with 0.005° resolution and fine adjustment
- Bases 150 and 300mm
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range	Resolution			Accuracy	Fine adj.	Base
	grad	sec of arc	grad	rad	min of arc	wheel	mm
151136051	0-360°	1/6' (10")	0.005°	-	±4'	•	150, 300

COMPUTERIZED PROTRACTOR

- Computerized Protractor 0-360° with MICS indication system and fine adjustment
- Bases 150 and 300mm
- **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range	Resolution			Accuracy	Fine adj.	Base	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	grad	sec of arc	grad	rad	min of arc	wheel	mm												
151136055	0-360°	1/12' (5")	0.005°	0.0001	±3'	•	150, 300	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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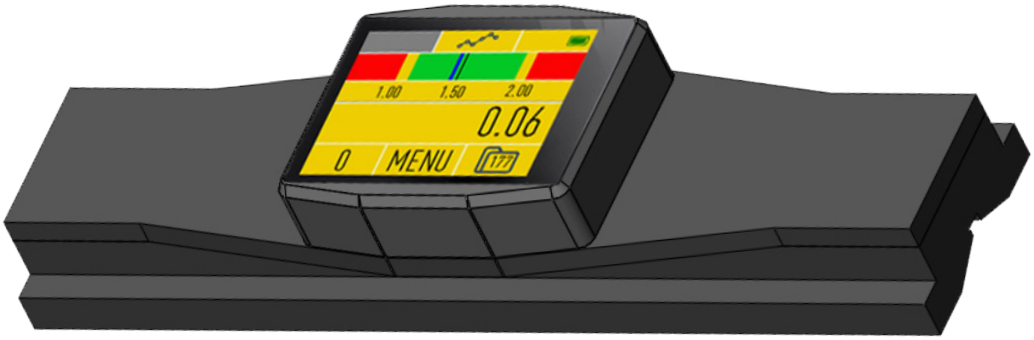
MADE IN UKRAINE

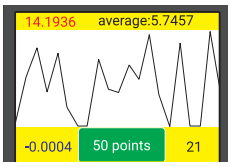
PRECISION HORIZONTAL LEVEL

MICROTECH

- **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
		Size	material																				
		mm		mm/m	grad	mm/m	grad	mm/m															
152110020	2	200	steel	± 1	±45,00°	0.05	0.005°	0.005	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
152110030		300							•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL **ACCESSORIES**

STANDARD MDS app
ACCESSORIES FOR DATA TRANSFER

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USB, WI-FI, RJ-45, RS-485, LoRa OUTPUT

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MADE IN UKRAINE

2D MACRO-PROFILE COMPUTERIZED STAND

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

MEASURING **HUB**
MICROTECH DEVICES CONNECT

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

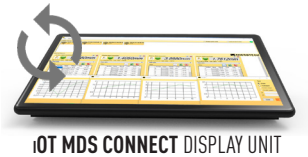
0,1µm

CUSTOM RANGE FOR REQUEST

Item No	Axis	Range X mm	Range Z mm	Resolution X mm	Resolution Z mm	Accuracy X mm	Accuracy Z mm	Weight kg	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
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
27720900	2D							7.2	•	•	•	•	•	•	•	•	•			
27721802	1D	0-1800	0-12	0,01		±0,060		11.5	•	•	•	•	•	•	•	•	•			
27721800	2D							11.7	•	•	•	•	•	•	•	•	•			
27722802	1D	0-2800	0-25	0,01		±0,100	±0,004	20.5	•	•	•	•	•	•	•	•	•			
27722800	2D							20.7	•	•	•	•	•	•	•	•	•			
27723802	1D	0-3800	0-50	0,01		±0,160	±0,006	24.5	•	•	•	•	•	•	•	•	•			
27723800	2D							25	•	•	•	•	•	•	•	•	•			

OPTIONAL ACCESSORIES

STANDARD MDS app
ACCESSORIES FOR DATA TRANSFER



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MADE IN UKRAINE

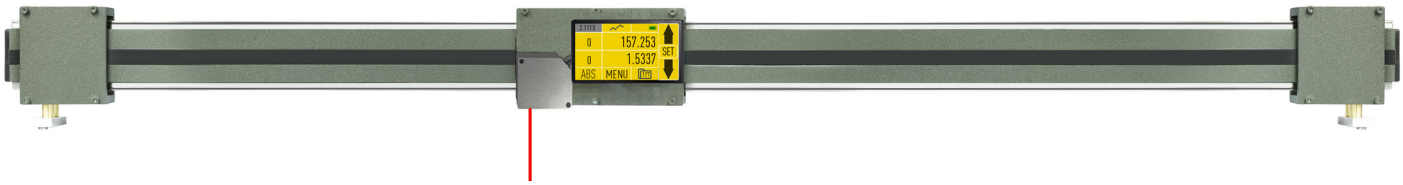
2D LASER MACRO-PROFILE COMPUTERIZED STAND

MICROTECH

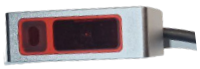
- 2D Macro-Profile computerized stand
- NON-CONTACT (laser) modifications
- Different ranges and modifications for customers request
- Computerized MICS indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct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

MEASURING **HUB**
MICROTECH DEVICES CONNECT

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



CUSTOM RANGE FOR REQUEST



NON CONTACT Z-AXIS RED LASER

Item No	Axis	Range X	Range Z	Resolution X	Resolution Z	Accuracy X	Accuracy Z	Weight	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
		mm	mm	mm	mm	mm	mm	kg												
27720907	2D	0-900	0-8	0,01	0.002	±0,030		7.0	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
27720908	2D		0-40		0,01			7.2	•	•	•	•	•	•	•	•	•			
27721807	2D	0-1800	0-8		0.002	±0,060		11.5	•	•	•	•	•	•	•	•	•			
27721808	2D		0-40		0,01			11.7	•	•	•	•	•	•	•	•	•			
27722807	2D	0-2800	0-8		0.002	±0,100		20.5	•	•	•	•	•	•	•	•	•			
27722808	2D		0-40		0,01			20.7	•	•	•	•	•	•	•	•	•			
27723807	2D	0-3800	0-8		0.002	±0,160		24.5	•	•	•	•	•	•	•	•	•			
27723808	2D		0-40		0,01			25	•	•	•	•	•	•	•	•	•			

OPTIONAL ACCESSORIES

STANDARD MDS app
ACCESSORIES FOR DATA TRANSFER

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USB, WI-FI, RJ-45, RS-485, LoRa OUTPUT

IOT DATA BUTTON

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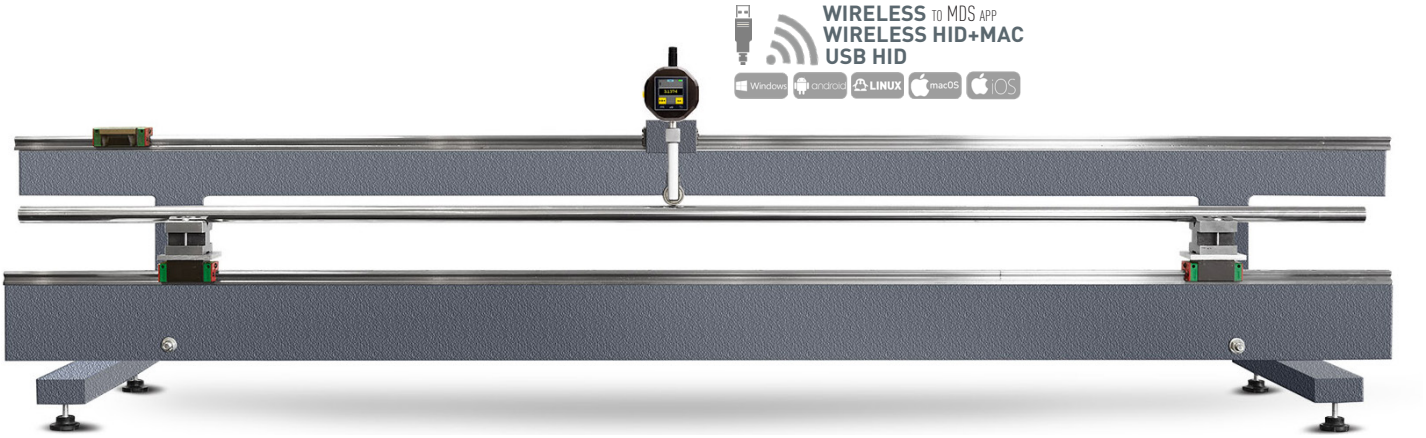
MADE IN UKRAINE

PIPE STRAIGHTNESS CONTROL COMPUTERIZED STAND

- Pipe straightness control stand
- Different ranges and modifications for customers request
- Computerized MICS indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))



CUSTOM RANGE FOR REQUEST

0,1µm

PAT.UA521681
PAT.UA140992

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

OPTIONAL ACCESSORIES

ACCESSORIES FOR DATA TRANSFER

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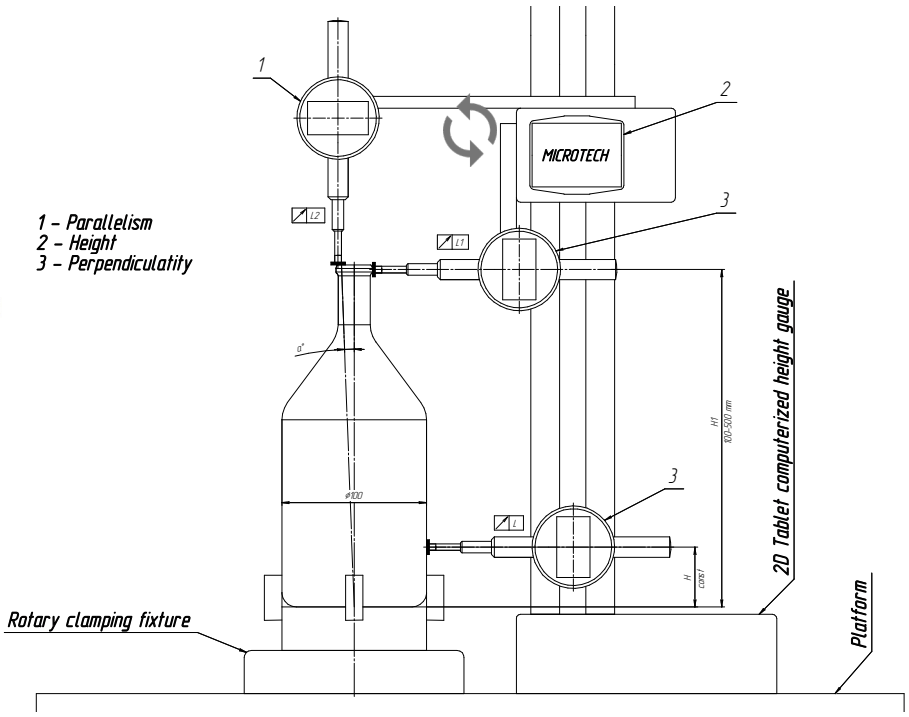
MADE IN UKRAINE

BOTTLE FORM CONTROL STAND

MICROTECH

- Bottle form control stand
- Different modifications for customers request
- Computerized MICS indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))

CUSTOM RANGE FOR REQUEST



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

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OPTIONAL ACCESSORIES

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USB, WI-FI, RJ-45, RS-485, LoRa OUTPUT

IOT DATA BUTTON

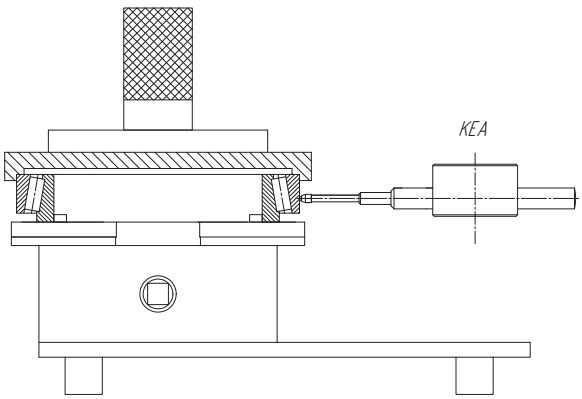
MADE IN UKRAINE

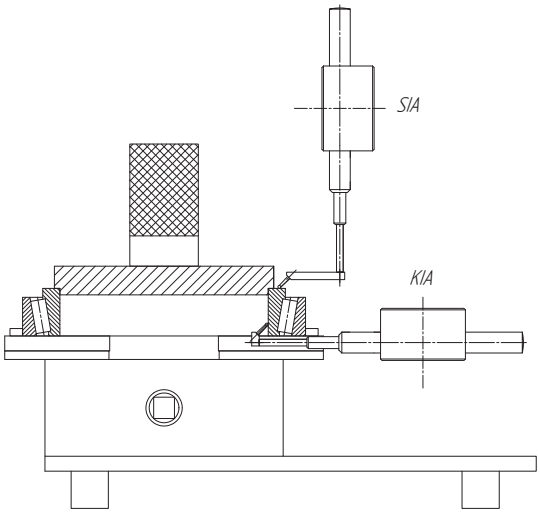
BEARING KIA SIA KEA CONTROL STAND

- Bearing control stand KIA, SIA, KEA
- Completing with 3pcs indicators (Computeized 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 internal SIA KIA	Range external KEA	Reso-lution	Repea-tability	Weights internal SIA KIA	Weights external KEA	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	mm	mm	mm														
255500001	20-200	10-140	0,001	0,005	10-40N	12-40N	•											•
255500007			0,0001		22pcs	23pcs	•	•	•	•	•	•	•	•	•	•	•	•





MADE IN UKRAINE

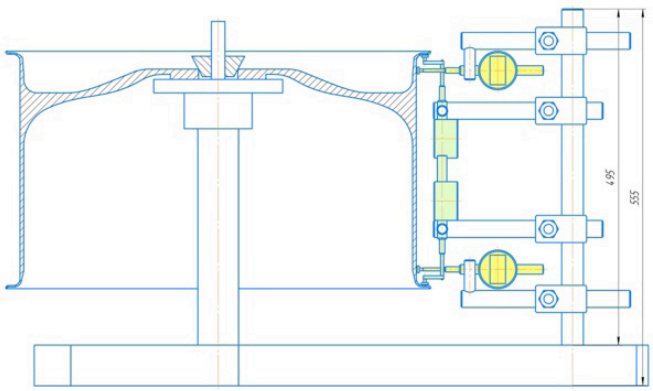
WHEEL RIMS RUNOUT MEASURING STAND

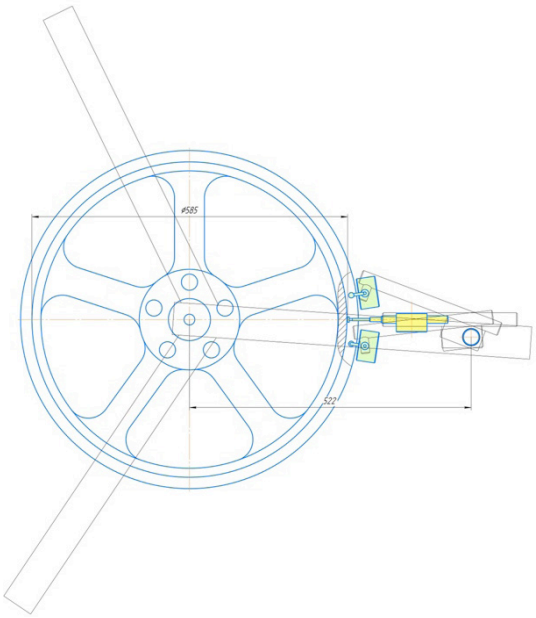
MICROTECH

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

CUSTOM RANGE FOR REQUEST

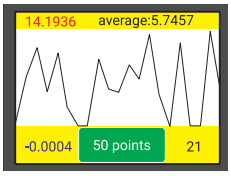
Item No	Disk D	Height rims	Resolution	Accuracy	Quick clamp	Indication		Go/ NoGo	Max/ Min	Memory	Data output
	inch	mm	mm	mm		type	qty				
255913241	15-24	20-35	0,001	±0,100	•	Digital	4pcs		•		
255913247			0,0001	±0,050	•	Computerized	4pcs	•	•	•	**WIRELESS +USB**





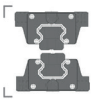
MADE IN UKRAINE

- Calibration stands for rulercalibration
- High resolution 7" LED microscope
- **Patents** UA147069, UA151330
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, 2D mode,
- **Memory manager:** 2000 values, Folders system, Statistics mode,
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))



ON-LINE
GRAPHIC MODE

CUSTOM RANGE FOR REQUEST



ROLL SLIDING SYSTEM
- Light aluminium base
- 2x steel roll for easy sliding

Item No	Range		Reso-lution	Accuracy	Micro-scope	Mag-netic fixator	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	mm														
258010003	0-1000	0-40"	0,01	±0,010+L/65	LED 7 inch	+	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
258020003	0-2000	0-80"		±0,015+L/50		+	•	•	•	•	•	•	•	•	•			
258030003	0-3000	0-120"		±0,020+L/40		+	•	•	•	•	•	•	•	•	•			

OPTIONAL ACCESSORIES

STANDARD MDS app
ACCESSORIES FOR DATA TRANSFER

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

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MADE IN UKRAINE

RULER&TAPE COMPUTERIZED CALIBRATOR

MICROTECH

- 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))

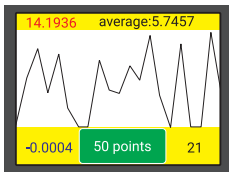
WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

Windows android LINUX macOS iOS

MEASURING HUB
MICROTECH DEVICES CONNECT

TAPE DRUM

FORCE GAUGE FOR TENSILE LOAD 50N



ON-LINE
GRAPHIC MODE

CUSTOM RANGE FOR REQUEST

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
	mm	inch	mm	mm																
258010005	0-1000	0-40"	0,01	±0,010+L/65	LED 7 inch	+	Digital 50N	+	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
258020005	0-2000	0-80"		±0,015+L/50		+		+	•	•	•	•	•	•	•	•	•			
258030005	0-3000	0-120"		±0,020+L/40		+		+	•	•	•	•	•	•	•	•	•			

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USB, WI-FI, RJ-45, RS-485, LoRa OUTPUT

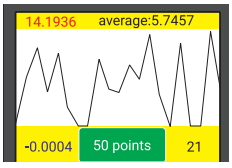
IOT DATA BUTTON

MADE IN UKRAINE

HORIZONTAL INDICATOR CALIBRATION STAND

- Manual Horizontal calibration stands for dial and digital indicators indicators with 0.01mm resolution
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting,
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Calibrated devices	Range		Resol	Micrometer head			Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
					Range	Accur.	Non-Rotating													
		mm	inch	mm	mm	µm														
25111026	indicators 0.01mm resolution	0-25	0-1"	0,0001	25	±2		•	•	•	•	•	•	•	•	•	•	•	•	•
25111027							•	•	•	•	•	•	•	•	•	•	•	•	•	•
25111051		0-50	0-2"		50	±3		•	•	•	•	•	•	•	•	•	•	•	•	•



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

IOT DATA BUTTON

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MADE IN UKRAINE

VERTICAL INDICATOR CALIBRATION STAND

MICROTECH

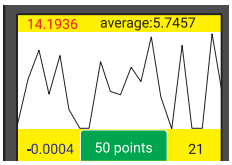
- Manual Vertical calibration stands for dial, digital and lever indicators with 0.01mm resolution
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting,
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

INSTALLATION MICROMETER HEAD IN 2 POSITIONS

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

ACCORDING DIN 2270 FOR
LEVER INDICATORS

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



ON-LINE
GRAPHIC MODE

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OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

IOT DATA BUTTON

MADE IN UKRAINE

UNIVERSAL CALIBRATION STAND

- Manual Universal calibration stands for dial, digital indicators with 0.01mm resolution and bore gauges
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting,
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

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

OPTIONAL ACCESSORIES

STANDARD MDS app

ACCESSORIES FOR DATA TRANSFER

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

IOT DATA BUTTON

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MADE IN UKRAINE

SHORE DUROMETER

- Tablet SHORE durometer for different scales (A, C, D, F, 00)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Resolution selecting
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

Item No	Shore Scale	Range	Resol	Indenter			Force	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
				Diameter	Indenting foot	Extension														
		unit	unit	mm		mm	N													
21100101	A	0-100	0,01	1,40	35° truncated cone D=0,79mm	2,54	8,05	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
21100102	C						44,45	•	•	•	•	•	•	•	•	•	•			
21100103	D				30° cone R=0,1mm			•	•	•	•	•	•	•	•	•	•			
21100104	00			2,40	1.20 mm spherical R		1,111	•	•	•	•	•	•	•	•	•	•			
21100105	F						0,55-4.3	•	•	•	•	•	•	•	•	•	•			

MULTISCALE SHORE DUROMETER

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

INTERCHANGEABLE INDENTERS

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

OPTIONAL
ACCESSORIES

STANDARD MDS app
ACCESSORIES FOR DATA TRANSFER

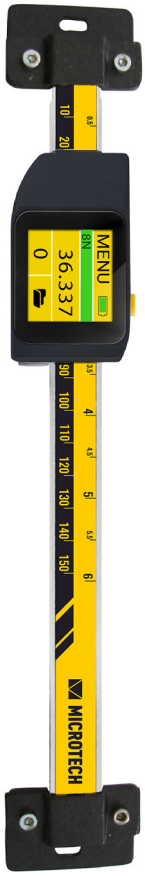
IOT MDS CONNECT DISPLAY UNIT
USB, WI-FI, RJ-45, RS-485, LoRa OUTPUT

MADE IN UKRAINE

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

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

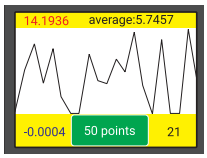
- **Industry 4.0** adopted FORCE GAUGE with computerized MICS system with 2,4" color Touchscreen
- **Modification** with INTERNAL & EXTERNAL force sensors (up to 1000KN)
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))



WIRELESS READING
SCALES CONNECTION

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

Windows android LINUX macOS iOS



ON-LINE
GRAPHIC MODE

Item No	Range			Reso-lution	Accu-racy	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	Display
	N	kg	lbF	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			•	•	•	•	•	•	•	•	•	•				

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OPTIONAL ACCESSORIES

ACCESSORIES FOR DATA TRANSFER

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

COMPUTERIZED READING SCALE
150-3000MM RANGE

TEST STANDS

MADE IN UKRAINE

FORCE COMPUTERIZED GAUGE FOR EXTERNAL SENSOR

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID

WIRELESS READING
SCALES CONNECTION

OPTIONAL EXTERNAL FORCE SENSORS

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

FORCE SENSORS S-TYPE PUSH-PULL

Item No		Type	Force N	Force kg	Force lbF	Linearity %	Hysteresis %	Repeatability %	Dimension mm	Thread holes
225110001	FSPP	Push Pull	1	0,1	0,23	0,05	0,05	0,05	16x19	2xM3
225171002			5	0,5	1,12					
225110003			10	1	2,25					
225110004			50	5	11,2					2xM4
225110005			100	10	22,5					
225110006			500	50	112					
225110007			1000	100	225	0,03	0,03	0,03	50x76	2xM12
225110008			5000	500	1120					
225110009			10000	1000	2250					
225110010			50000	5000	11200				76x108	
225110011			100000	10000	22500				130x178	

FORCE SENSORS ROUND-TYPE PUSH-PULL

Item No		Type	Force N	Force kg	Force lbF	Linearity %	Hysteresis %	Repeatability %	Diameter Base mm	Diameter Load mm
225120001	FOPP	Push Pull	100	10	22,5	0,1	0,1	0,1	41	36
225120002			500	50	112					
225120003			1000	100	225					
225120004			5000	500	1120					
225120005			10000	1000	2250					
225120006			20000	2000	4500					

FORCE SENSORS ROUND-TYPE PUSH

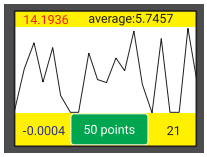
Item No		Type	Force N	Force kg	Force lbF	Linearity %	Hysteresis %	Repeatability %	Diameter Base mm	Diameter Load mm
225130001	FOP	Push	1000	100	225	0,2	0,1	0,1	50	13
225130002			5000	500	1120					
225130003			10000	1000	2250					
225130004			50000	5000	11200					16
225130005			100000	10000	22500					21

MADE IN UKRAINE

- **Industry 4.0** adopted Manual FORCE tester with computerized MICS system with 2,4" color Touchscreen
- Computerized FORCE tester included
- Optional READING SCALE
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

WIRELESS READING SCALES CONNECTION

WIRELESS TO MDS APP
WIRELESS HID+MAC
USB HID



ON-LINE
GRAPHIC MODE

Item No	Load		Reso-lution	Range	Scale	Weight	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	N	lbF	N	mm		kg													
278170056	500	112	0,001	180	option	25	•	•	•	•	•	•	•	•	•	•	•	•	•
278170106	1000	225					•	•	•	•	•	•	•	•	•	•	•	•	•
278170107					•		•	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL **ACCESSORIES**

ACCESSORIES FOR DATA TRANSFER

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

COMPUTERIZED READING SCALE
150-3000MM RANGE

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MADE IN UKRAINE

- **Industry 4.0** adopted Motorized FORCE tester with computerized MICS system with 2,4" color Touchscreen
- Computerized FORCE tester included
- Optional READING SCALE
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Load		Reso-lution	Range	Scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	N	lbF	N	mm														
278170058	500	112	0,001	200	option	•	•	•	•	•	•	•	•	•	•	•	•	•
278170108	1000	225		700		•	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL ACCESSORIES

ACCESSORIES FOR DATA TRANSFER

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

COMPUTERIZED READING SCALE
150-3000MM RANGE

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MADE IN UKRAINE

HYDRAULIC FORCE TESTER

- **Industry 4.0** adopted Manual Hydraulic FORCE tester with computerized MICS system with 2,4" color Touchscreen
- Computerized FORCE tester included
- Optional READING SCALE
- Measuring range up to 100000N
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

CUSTOM RANGE FOR REQUEST

Item No	Load		Reso-lution	Range	Scale	Weight	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	N	lbF	N	mm		kg													
235152007	5000	1125	1	120	option	80	•	•	•	•	•	•	•	•	•	•	•	•	•
235152017	10000	2250				105	•	•	•	•	•	•	•	•	•	•	•	•	•
235152057	50000	11250		140		195	•	•	•	•	•	•	•	•	•	•	•	•	•
235152107	100000	22500				280	•	•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL ACCESSORIES

ACCESSORIES FOR DATA TRANSFER

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COMPUTERIZED READING SCALE
150-3000MM RANGE

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