

**MANUFACTURING
RESEARCH&DEVELOPING**



MICROTECH

est. 1995

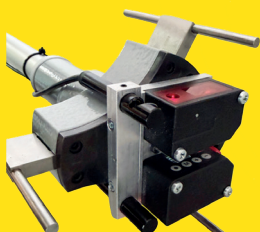
UKRAINIAN CREATIVITY 



GERMAN RELIABILITY



**COMMON
CATALOG**



**LASER
BORE
GAUGE**



MICROTECH was founded in 1995 in Kharkiv, Ukraine, initially producing high-precision drills for aerospace and military industries. Building on its reputation for quality and reliability, the company expanded in 2004 by establishing a measuring instruments workshop, service center, and an accredited metrological laboratory.

The company operates under ISO 9001:2015 certification (BVQI) and maintains an ISO/IEC 17025:2017 accredited laboratory (ILAC).

Today, MICROTECH's facilities include advanced production workshops, R&D and laser engraving departments, and state-of-the-art laboratories for quality control. Close collaboration with European suppliers ensures that its instruments meet the highest international standards.

With over 50 distributors worldwide, MICROTECH has built a strong global presence. In 2024, it opened a new office and metrological laboratory in Kyiv, expected to receive ISO/IEC 17025 accreditation in 2025. That same year, the company established MICROTECH Europe GmbH in Germany to manage EU distribution, service, and customer support — marking its transition into a truly international enterprise.

Since 2014 MICROTECH developing and patented over 150 new products and measuring solutions.

Our most popular innovative products:

- **DataMet** computerized calipers, micrometers, indicators with multifunctional MICS system with multimode Wireless data transfer adopted to Industry 4.0;
- **SwissMet** micron digital calipers with Force control for accurate and special measurements;
- Wide range and special configuration micrometers, bore gauges, thickness gauges, radius gauges;
- Calibration and measurement stands.
- **DataMet** Manual and Motorized height gauges with Touch Probe and contact 2D measuring possibilities
- Wireless & USB Data transfer solutions
- MDS software for receiving and collecting data for Windows, Android, iOS, MacOS systems.

On 2025-2026 year we added **NEW** products to our product range:

- Micrometers and micrometer heads with Non-rotating spindle and **0-50mm** measuring range
- **DataMet** indicators and gauges with Multiscale round Touchscreen display
- **DataMet** computerized indicators, micrometers, calipers, force gauges with **MODBUS RTU** data protocol
- **DataMet** Manual and Motorized height gauges with Laser Probe and 2D non-contact measuring possibilities
- **DataMet** LASER bore gauges for with depth up to 12m



ROHS, CE CERTIFICATION

150+ PATENTS
US, UA, WO

MANUFACTURING ISO9001:2015

CALIBRATION ISO17025:2017

Ukrainian Creativity- German Reliability

since 1995



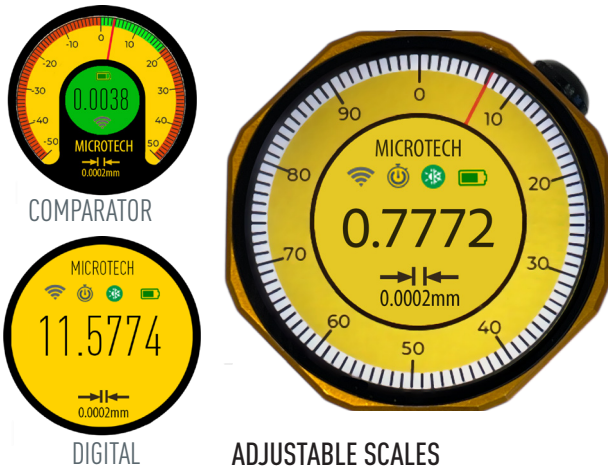
IEC/ISO 17025 Ilac



ISO9001:2015

DataMet INSTRUMENTS - ROUND 1.8" TOUCHSCREEN DISPLAY

MICROTECH 



READING SYSTEM: PRECISION SWISS MADE READING SYSTEM
0.0002 or 0.0005mm resolution

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)
- MODBUS RTU (modifications) **NEW!!!**

DataMet INSTRUMENTS - 3.5" TOUCHSCREEN DISPLAY



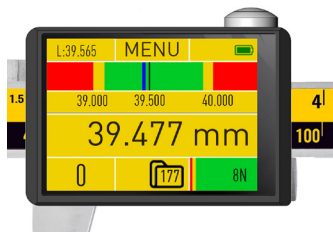
READING SYSTEM: (STANDARD/SWISS MADE)

MOTORIZED with AUTO mode, LASER/TOUCHPROBES connection

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)
- MODBUS RTU (modifications)

DataMet INSTRUMENTS - 2.0 / 2.4" TOUCHSCREEN DISPLAY



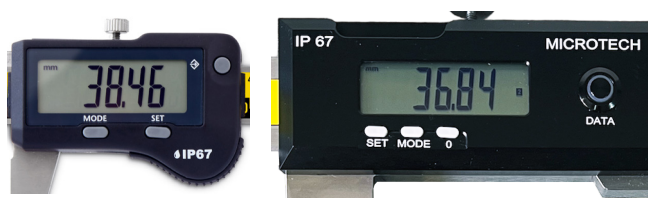
READING SYSTEM: (STANDARD/SWISS MADE)

FORCE CONTROL: MODIFICATIONS with E-FORCE (1-20N, multimodes)

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)
- MODBUS RTU (modifications)

SwissMet WIRELESS INSTRUMENTS



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)



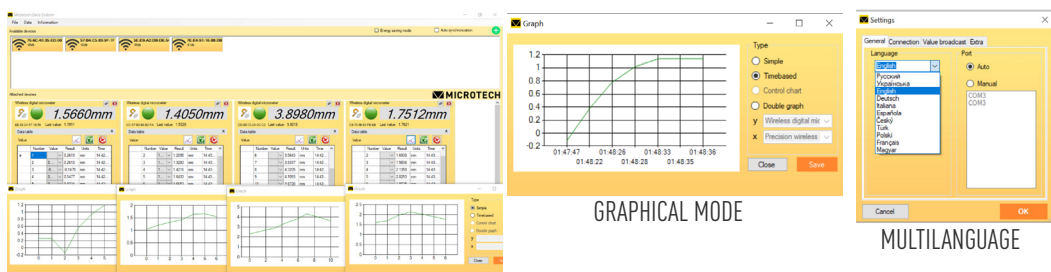


FREE MDS APP FOR ANDROID, iOS, MacOS

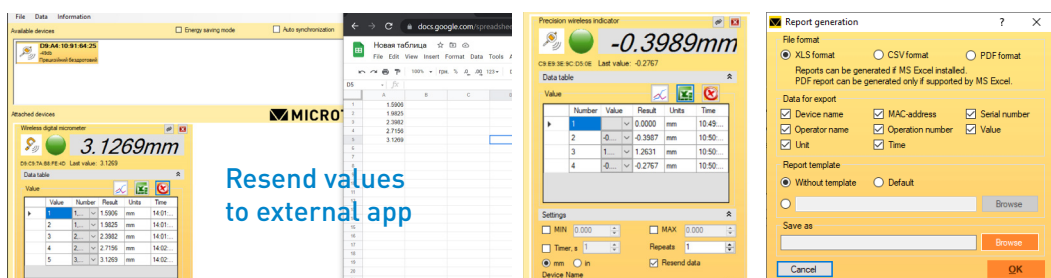
	MDS for iOS	MDS for Android
	FREE	FREE
Platform	iOS, MacOS (M1+)	Android 6.0 +
Max. instruments	8	8
mm/inch conversion	•	•
Go/NoGo functions	•	•
Graphical mode	•	•
Reading on Timer	•	•
Measuring history	•	•
Save data to xls	•	•
Save data to csv	•	•
Save graph	•	•
User manager	•	•
Voice mode	•	•
Multilanguage	3 language	12 languages

MDS APP FOR WINDOWS

	MDS app for Windows			
	FREE	STANDARD	OPTIMA	PRO
	299100530	299100550	299100560	299100570
Platform	Windows 7, 8, 10, 11			
Max. instruments connected	1	3	8	48
USB-dongles (max qty)	1	1	2	10
Instruments connection	DataMet / WIRELESS SwissMet			
Instrument ZERO setting (DataMet)	•	•	•	•
Standard/Energy saving mode	•	•	•	•
Autoconnection	•	•	•	•
Filtering MICROTECH devices	•	•	•	•
Data reading Synchronizing	•	•	•	•
User manager	•	•	•	•
WIRELESS Foot-Switch connection	•	•	•	•
WIRELESS Button connection	•	•	•	•
USB 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			
Format	Download	USB-stick		



UP TO 48 DATA MET AND WIRELESS SWISS MET INSTRUMENTS



Resend values to external app

ON-LINE RESEND DATA TO EXTERNAL APP'S

MULTIFUNCTIONAL

REPORT SAVING

Ukrainian Creativity- German Reliability

since 1995

IEC/ISO 17025 Ilac

ISO 9001:2015



VIDEO



CONNECTION possibilities

DataMet BUTTONS

DATA BUTTONS		DataMet IP67	DataMet DESKTOP
Item No		299900012	299900013
Buttons, qty		2	2
CONNECTING TO DataMet instrument	SAVE DATA	•	•
	SET ZERO	•	•
CONNECTING MDS app WINDOWS	Reading Synchronizing	•	•
	Save data in MDS app	•	•
Buttons size, mm		10	60
Water-dust Proof		IP67	IP40
LED status indication		•	•
Rechargeable Built in Li-Pol battery		500 mAh	2000 mAh
Dimensions, mm		75x50x30	186x96x53
Weight, kg		0,15	0,4

SAVE DATA TO MEMORY
SET ZERO



299900012

2 CONNECTION MODES: DataMet INSTRUMENTS AND MDS APP WINDOWS
2 BUTTONS: SET DATA TO MEMORY AND SET ZERO

SAVE DATA TO MEMORY
SET ZERO



VIDEO

MICROTECH

SAVE DATA TO MDS WINDOWS
SET ZERO



SAVE DATA TO MDS WINDOWS
SET ZERO



MDS DataMet DISPLAY UNIT

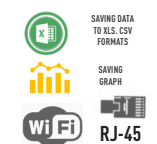
Type	IP67	DESKTOP
Item No	299999003	299999001
Touchscreen Display	10" (1280x800)	15,6" (1920x1080)
Protection	IP67	
Platform	Windows 10 / MDS 5.5 PRO	
INPUT CONNECTION	USB-DONGLES	1 (max 2)
	WIRELESS	8 (max 16)
	WIRELESS HID	8 (max 32)
DATA OUTPUT & EXPORT	USB HID	2
	Wi-Fi	•
	USB port	2+1
	RJ-45	•
	RS-232	1
FUNCTIONS	RS-485	1
	Cardreader	•
	HDMI	•
	Autoconnection	•
	Reading Synchronizing	•
	User manager	•
	Foot-Switch connection	•
	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	•
ACCESSORIES	Save graph png	•
	*xls, *csv, *doc file editor	•
	App's installation	•
	Multilanguage	10 languages
ACCESSORIES	USB-DONGLES	1 (optional 8)
	USB-Footswitch	option
	Wireless-Footswitch	option
Rechargeable Built in Li-Pol battery	8000mAh	-
Dimensions, mm	280x184x26	283 x 177 x 73
Weight, kg	1,15	1,25



VIDEO

MDS DESKTOP DataMet DISPLAY UNIT

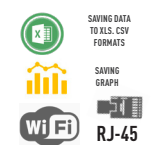
INPUT-OUTPUT



OPTIONAL DataMet DESKTOP
2-BUTTONS PANEL

MDS IP67 DataMet DISPLAY UNIT

INPUT-OUTPUT



OPTIONAL DataMet IP67
2-BUTTONS STICK

MODBUS DATABOX

Item No	Type	Devices
141077071	Modbus RTU data box	DataMet MICROTECH instruments (USB-C)
141077072	Modbus ASCII data box	
141077073	Modbus TCP/IP data box	

WORKING CONDITIONS

Working temperature °C	5-40°
Humidity	70%
Water protection	IP40
Dimensions, mm	53x82x31
Weight, kg	0,15

GENERAL INFORMATION

- Protocol: Modbus RTU
- Baud rate: 9600 bps (configurable)
- Data bits: 8
- Stop bits: 1
- Parity: None

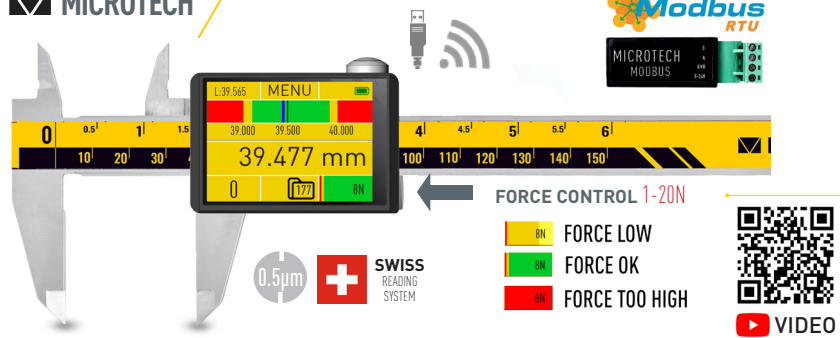


VIDEO



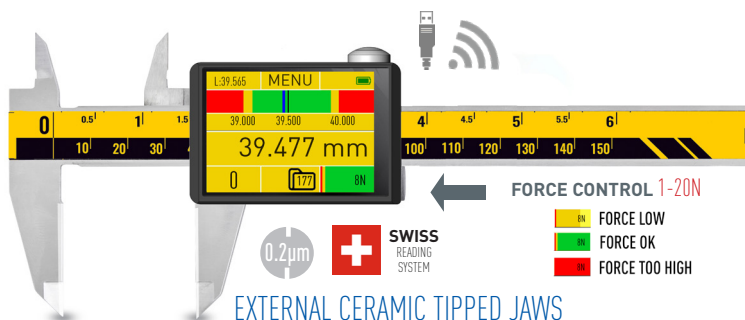
MODBUS protocol





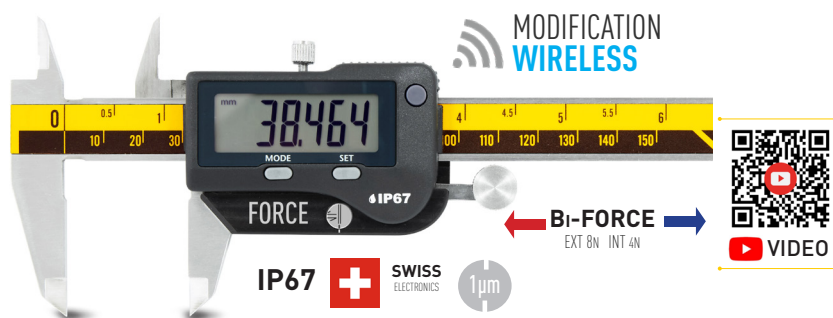
Item No.	Range mm	Reso- lution mm	Accu- racy µm	eForce N	WIRELESS	USB HID	MODBUS
141097015A	0-150		±5		•	•	
141097020A	0-200	0,0005	±8	1-20	•	•	OPTION
141097030A	0-300		±10		•	•	

CERAMIC MICRON DataMet E-FORCE CALIPER



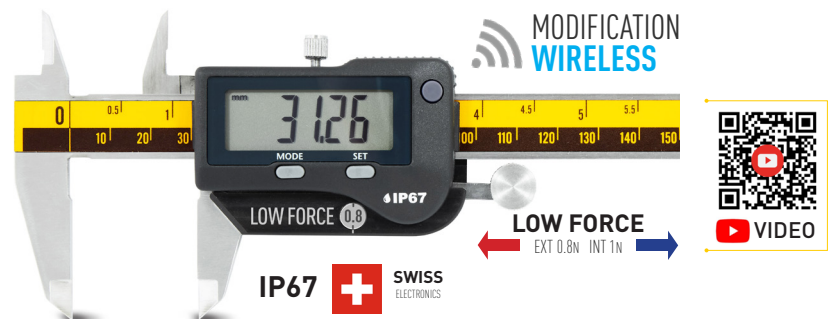
Item No	Range mm	Reso- lution mm	Accu- racy* µm	eForce N	WIRELESS	USB HID
141088015AK	0-150		±4		•	•
141088020AK	0-200	0,0002	±6	1-20	•	•
141088030AK	0-300		±8		•	•

MICRON SwissMet IP67 Bi-FORCE CALIPER



Item No	Range mm	Reso- lution mm	Accu- racy* µm	Double force N	Protection	Preset mm/inch	Auto on/off	WIRELESS
141079122	0-150		±5	8 ext		•	•	
141079222	0-200	0,001	±8		IP-67	•	•	OPTION
141079322	0-300		±10	4 int		•	•	

SwissMet IP67 Low-FORCE CALIPER



Item No	Range mm	Reso- lution mm	Accu- racy* µm	Double Low force N	Protection	Preset mm/inch	Auto on/off	WIRELESS
141077153	0-150		±30	0,8 ext		•	•	
141077253	0-200	0,01	±30		IP-67	•	•	OPTION
141077353	0-300		±40	1 int		•	•	

MICRON SwissMet IP67 DIGITAL CALIPER



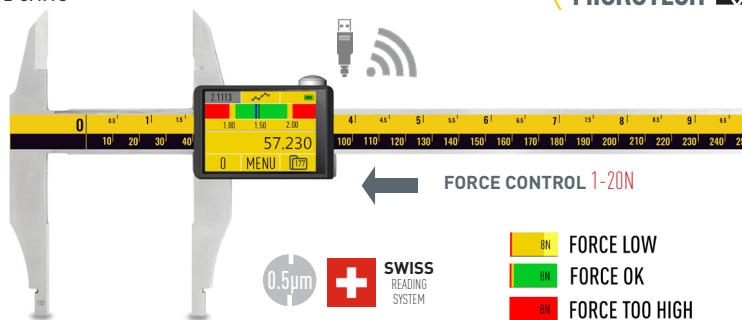
Item No	Range mm	Reso- lution mm	Accu- racy µm	Protection	Round rod	Preset mm/inch	Auto on/off	WIRELESS
141073122						•	•	
141073122R	0-150		±15			•	•	OPTION
141073222	0-200	0,001	±15	IP-67		•	•	
141073322	0-300		±20			•	•	

SwissMet IP67 DIGITAL CALIPER



Item No	Range mm	Reso- lution mm	Accu- racy µm	Protection	Round rod	Preset mm/inch	Auto on/off	HOLD	WIRELESS
141072102						•	•	•	
141072102R	0-150		±20			•	•	•	OPTION
141072202	0-200	0,01	±20	IP-67		•	•	•	
141072302	0-300		±30			•	•	•	

Item No	Range	Resolution	Accuracy*	eForce	Jaws	WIRELESS	USB HID	MODBUS
	mm	mm	µm	N	mm			
141088321A	0-300		±12		60/40	•	•	
141088521A	0-500	0,0005	±15	1-20	100/30	•	•	OPTION
141088621A	0-600		±18			•	•	



MICRON SWISSMET IP67 Bi-FORCE CALIPER EXTERNAL KNIFE-EDGE JAWS

Item No	Range	Resolution	Accuracy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm inch	mm	µm	N	mm					
141079323	0-300 0-12"		±12		60/40		•	•	•	
141079523	0-500 0-20"	0,001	±16	8 ext 4 int	100/30	IP-67	•	•	•	OPTION
141079623	0-600 0-24"		±20				•	•	•	



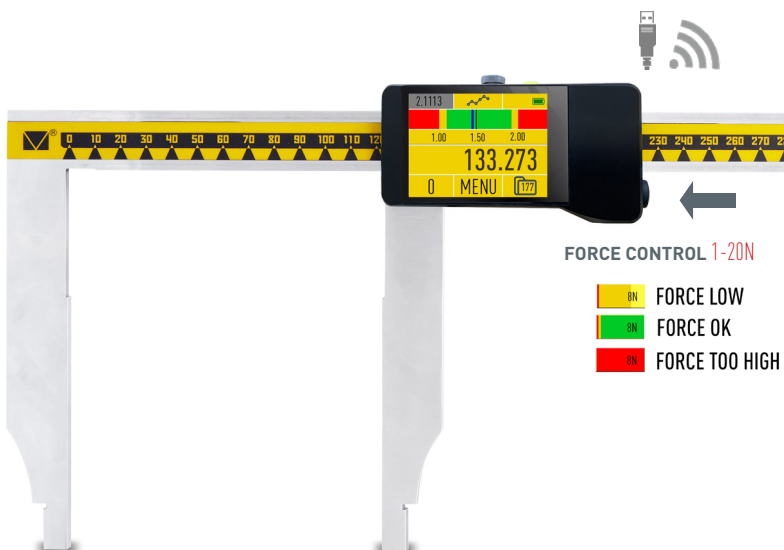
SWISSMET IP67 CALIPER EXTERNAL KNIFE-EDGE JAWS

Item No	Range	Resolution	Accuracy*	Jaws	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	mm	µm	mm					
141072323	0-300		±30	60/40		•	•	•	
141072523	0-500	0,01	±30	100/30	IP67	•	•	•	OPTION
141072623	0-600		±30			•	•	•	



MICRON DataMet LONG JAW E-FORCE CALIPER

Item No	Range	Resol.	Jaws	Accuracy	eForce	WIRELESS	USB HID
	mm	mm	mm	µm	N		
141005217			100	±20		•	•
141005227	0-500		150	±20		•	•
141005257		0,001	300	±25	1-20	•	•
141006217	0-630		100	±20		•	•
141010217			150	±30		•	•
141010257	0-1000		300	±40		•	•



DataMet LONG JAW E-FORCE CALIPER

Item No	Range	Resol.	Jaws	Accuracy	eForce	WIRELESS	USB HID
	mm	mm	mm	µm	N		
141005216			100	±30		•	•
141005226	0-500		150	±30		•	•
141005256			300	±30		•	•
141006216	0-630		100	±30		•	•
141010216			150	±40		•	•
141010256	0-1000		300	±50		•	•
141015216	0-1500	0,01	150	±50	1-20	•	•
141015256			300	±60		•	•
141020216	0-2000		150	±50		•	•
141020256				±60		•	•
141025256	0-2500			±80		•	•
141030256	0-3000		300	±90		•	•
141040256	0-4000			±110		•	•
141050256	0-5000			±130		•	•



VIDEO



IP67  SWISS ELECTRONICS

1μm



VIDEO

Item No	Range	Resol	Jaw	Accur.	Double force	Protection	mm/inch	Preset	Auto on/off	WIRELESS
	mm	mm	mm	μm	N					
141074316	0-300			±10						
141074416	0-400	0,001	100	±12	8 ext 4 int	IP67				OPTION
141074516	0-500			±15						
141074616	0-600			±20						

SwissMet IP67 LONG JAW DIGITAL CALIPER



IP67  SWISS ELECTRONICS

Item No	Range	Resol	Jaw	Accur.	Protection	mm/inch	Preset	Auto on/off	WIRELESS
	mm	mm	mm	μm					
141072311	0-300	0,01	100	±20	IP67				OPTION
141072411	0-400			±30					
141072511	0-500			±30					
141072611	0-600			±30					

SwissMet IP67 LONG JAW DIGITAL CALIPER



IP67  SWISS ELECTRONICS



VIDEO

Item No	Range	Resol	Jaw	Accur.	Protection	mm/inch	Preset	Auto on/off	WIRELESS
	mm	mm	mm	μm					
141073592	0-500	0,01	150	±30	IP67	•	•	•	OPTION
141073595			300	±40		•	•	•	
141073691	0-600		100	±30		•	•	•	
141073792	0-1000		150	±40		•	•	•	
141073795			300	±60		•	•	•	
141073892	0-1500		150	±50		•	•	•	
141073895			300	±70		•	•	•	
141073992	0-2000		150	±60	Al case	•	•	•	
141073995				±80		•	•	•	
141073265	0-2500		300	±90		•	•	•	
141073315	0-3000			±100		•	•	•	
141073415	0-4000			±130		•	•	•	
141073525	0-5000			±160		•	•	•	
141073625	0-6000			±200		•	•	•	

WIRELESS FORCE SwissMet IP67 EXTRA LONG JAW DIGITAL CALIPER



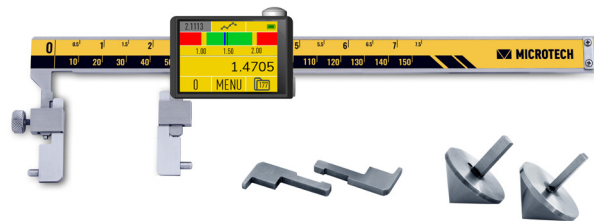
IP67  SWISS ELECTRONICS

Item No	Range	Resol.	Jaws	Accuracy	Weight	Protection	mm/inch	Preset	Auto on/off	Wireless
	mm	mm	mm	µm	kg					
142408446	0-800	0,01	400	±30	3,9	IP67	•	•	•	•
142411446	0-1000		400	±40	4,3		•	•	•	•
142411466			600	±50	4,7		•	•	•	•
142415446	0-1500		400	±40	5,6		•	•	•	•
142415466			600	±50	6,1		•	•	•	•
142418446	0-1800		400	±50	6.2		•	•	•	•
142418466			600	±60	6,6		•	•	•	•
142120146	0-2000		400	±60	17,5		•	•	•	•
142120166			600	±85	18,0		•	•	•	•
142120106	0-2500		1000	±120	19,0		•	•	•	•
142125146			400	±90	20.0		•	•	•	•
142125166	0-3000		600	±105	20,5		•	•	•	•
142125106			1000	±140	21.5		•	•	•	•
142130146	0-3500		400	±100	24.0		•	•	•	•
142130166			600	±110	24.5		•	•	•	•
142130106			1000	±160	25.5		•	•	•	•
142135146			400	±120	26.5		•	•	•	•
142135166			600	±160	27.0		•	•	•	•
142135106			1000	±240	28.0		•	•	•	•

UNIVERSAL SwissMet IP67 DIGITAL CALIPER



UNIVERSAL MICRON DataMet CALIPER



MICROTECH

INTERCHANGEABLE POINTS SwissMet IP67 DIGITAL CALIPER



OUTSIDE POINT SwissMet IP67 DIGITAL CALIPER



OUTSIDE GROOVE SwissMet IP67 DIGITAL CALIPER



ROPE SwissMet IP67 DIGITAL CALIPER



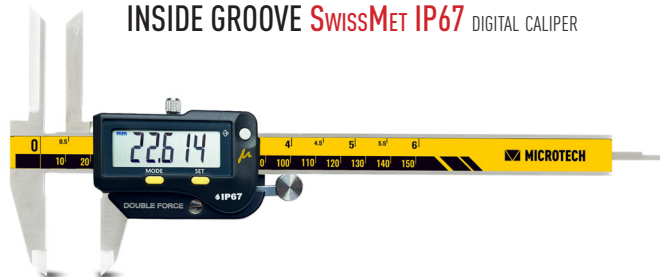
CABLE SwissMet IP67 Bi-FORCE DIGITAL CALIPER



LONG INTERNAL JAWS SwissMet IP67 DIGITAL CALIPER



INSIDE GROOVE SwissMet IP67 DIGITAL CALIPER



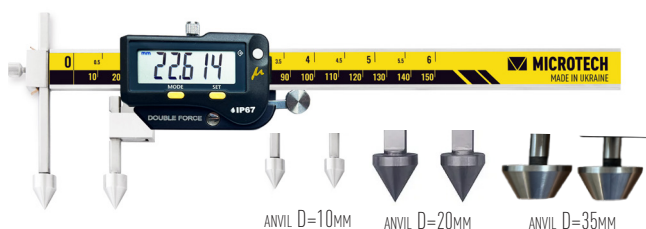
KNIFE EDGE INSIDE SwissMet IP67 DIGITAL CALIPER



OFFSET SwissMet IP67 DIGITAL CALIPER



OFFSET CENTERLINE SwissMet IP67 DIGITAL CALIPER



THREAD SwissMet IP67 Bi-FORCE DIGITAL CALIPER



TUBE SwissMet IP67 DIGITAL CALIPER



DEPTH SwissMet IP67 DIGITAL CALIPER



GEAR TOOTH SwissMet IP67 DIGITAL CALIPER



Item No	Range		Reso- lution	Accu- racy	Vision	Protection	2D connection	WIRELESS	USB HID	MODBUS
	mm	inch	mm	μm						
142503177	0-300	0-12"	0,0005	±12	microscope 7" display 12Mp 50-1200x	IP54	•	•	•	OPTION
142505177	0-500	0-20"		±15			•	•	•	
142506177	0-600	0-24"		±20			•	•	•	
142510177	0-1000	0-40"		±25			•	•	•	
142515177	0-1500	0-60"		±30			•	•	•	
142520177	0-2000	0-80"	0,01	±40			•	•	•	
142525175	0-2500	0-100"		±50			•	•	•	
142530175	0-3000	0-120"		±60			•	•	•	
142540175	0-4000	0-160"		±80			•	•	•	
142550175	0-5000	0-200"		±100			•	•	•	

0.5μm



MICRON WIRELESS SWISSMET IP67 READOUT LINEAR SCALE MAGNIFIER

Item No	Range		Reso- lution	Accu- racy	Vision	Protection	Preset	Max/Min	WIRELESS
	mm	inch	mm	μm					
142503151	0-300	0-12"	0,001	±15	10x magnifier	IP67	•	•	•
142505151	0-500	0-20"		±20			•	•	•
142506151	0-600	0-24"		±20			•	•	•
142510151	0-1000	0-40"		±30			•	•	•
142515151	0-1500	0-60"		±40			•	•	•
142520151	0-2000	0-80"		±50			•	•	•



1μm

IP67



Item No	Range		Resol.	Accur.	eForce control	Fine adjustment	2D connect	Measuring HUB	WIRELESS	USB
	mm	inch	mm	μm						
144303263	0-300	0-12"	0,0005	±15	1-20N	•	•	•	Long range / HID USB HID / Update	
144305263	0-500	0-20"		±20		•	•	•		
144310263	0-1000	0-40"		±30		•	•	•		
144315263	0-1500	0-60"		±45		•	•	•		
144320263	0-2000	0-80"		±60		•	•	•		

■ 0N FORCE LOW
■ 20N FORCE OK
■ 40N FORCE TOO HIGH

DataMet E-FORCE HEIGHT GAUGE



VIDEO



0.5μm

Item No	Range		Resolut.	Accur.	Manual wheel	Fine adjustment	Scriber	WIRELESS	USB HID
	mm	inch	mm	μm					
144303280	0-300	0-12"	0,0005	±15	•	•	•	•	•
144306280	0-600	0-24"		±20	•	•	•	•	•
144310280	0-1000	0-40"		±25	•	•	•	•	•

DataMet MANUAL WHEEL HEIGHT GAUGE



0.5μm



0.5μm



VIDEO

TOUCH PROBE DataMet MANUAL WHEEL HEIGHT GAUGE

Item No	Range		Resolut.	Accur.	Manual wheel	Fine adjustment	Scriber	3D Touch Probe	WIRELESS	USB HID
	mm	inch	mm	μm						
144303281	0-300	0-12"	0,0005	±10	•	•	•	•	•	•
144306281	0-600	0-24"		±15	•	•	•	•	•	•
144310281	0-1000	0-40"		±20	•	•	•	•	•	•

MANUAL DataMet 2D GRANITE BASE HEIGHT GAUGE

Item No	Range		Resolut.		Accu- racy	Granite base gr.00	2D connection	WIRELESS	USB
	Z	X	Z	X					
	mm	mm	mm	mm					
144303391	0-300	0-25	0,0005	0,0001	±15	300x200	•	Long range / HID	USB HID / Update
144306391	0-600	0-50			±20		•		
144306392						•			
144310391	0-25	•							
144310392	0-50	•							
144310393	0-100	•							



TOUCH PROBE DataMet MOTORIZED HEIGHT GAUGE

Item No	Range		Resolut.	Accur.	Motorized	Meas speed	Scriber	3D Touch Probe	WIRELESS	USB HID
	mm	inch								
	mm	inch								
144303283	0-300	0-12"	0,0005	±8	•	3	•	•	•	•
144306283	0-600	0-24"		±12	•	3	•	•	•	•
144310283	0-1000	0-40"		±15	•	3	•	•	•	•



LASER MOTORIZED DataMet 2D HEIGHT GAUGE

Item No	Range		Resolut.		Accuracy		Motorized	X axis LASER	2D mode	Probe mode	WIRELESS	USB
	Z	X laser	Z	X laser	Z	X* laser						
	mm	mm	mm	mm	µm	µm						
144303294	0-300	±4	0,0005	0,001	±8	±10	•	•	•	•	Long range / HID	USB HID / Update
144306294	0-600				±12	±10	•	•	•	•		
144306296		±20				•	•	•	•			
144310294	±4	±15			±10	•	•	•	•			
144310296	0-1000				±20	•	•	•	•			
144310297	±60				±60	•	•	•	•			

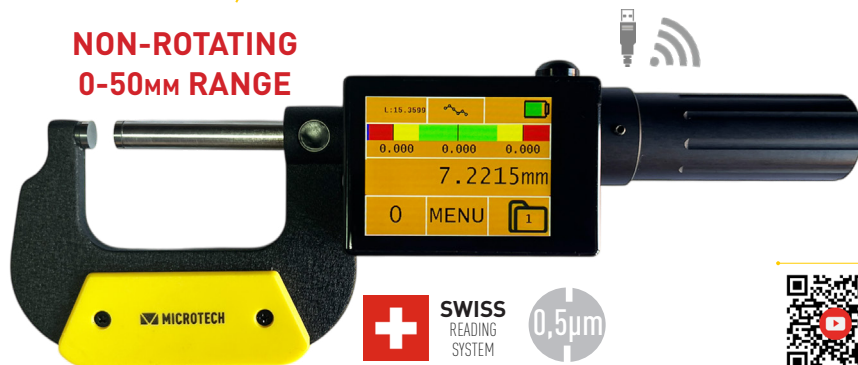


LASER MOTORIZED METROX 2D GRANITE BASE HEIGHT GAUGE

Item No	Range		Resolut.		Accuracy		Granite base	Motorized	X axis LASER	MetroX system
	Z	X laser	Z	X laser	Z	X* laser				
	mm	mm	mm	mm	µm	µm				
144303384	0-300	±4	0,0005	0,001	±8	±10	400x250	•	•	Touchscreen 15.6" Windows PC with MetroX app (Scales presets, Tape mode, Export measuring protocols csv, pdf, screenshots)
144303386		±20				±20		•	•	
144306384	0-600	±4			±12	±10	630x400	•	•	
144306386		±20				±20		•	•	
144310386	0-1000	±20			±15	±20		•	•	
144310387		±60				±60		•	•	



NON-ROTATING
0-50MM RANGE



Item No	Range	Resolution	Accuracy	Repeatability	WIRELESS	USB HID
	mm	mm	µm	µm		
110170519	0-50	0,0005	±2	0,5	•	•
110171019	50-100		±3		•	•
110171519	100-150		±3		•	•
110172019	150-200		±4		•	•
110172519	200-250		±4		•	•
110173019	250-300	1,0	±5	1,0	•	•
110173519	300-350		±5		•	•
110174019	350-400		±5		•	•
110174519	400-450		±6		•	•
110175019	450-500		±6		•	•

NON-ROTATING
0-25MM RANGE



NON-ROTATING DataMet MICROMETER IP65

Item No	Range	Resolution	Accuracy	Repeatability	Anvils D	Non-rotating	WIRELESS	USB HID
	mm	mm	µm	µm	mm			
110130258	0-25	0,0001	±1,5	0,5	6,5	•	•	•
110130508	25-50		±2,0			•	•	•
110130758	50-75		±2,2			•	•	•
110131008	75-100		±2,5			•	•	•

NEW MODEL 2026



DataMet MICROMETER IP65

Item No	Range	Resolution	Accuracy	Repeatability	Anvils D	WIRELESS	USB
	mm	mm	µm	µm	mm		
110130257	0-25	0,0001	±1,0	0,5	6,5	Long range / HID	USB HID / Update
110130507	25-50		±1,2	0,5			
110130757	50-75		±1,5	0,8			
110131007	75-100		±2,0	0,8			
110131257	100-125		±2,0	1,0			
110131507	125-150		±2,0	1,0			
110131757	150-175		±2,5	1,0			
110132007	175-200		±2,5	1,0			
110132257	200-225		±3,0	1,0			
110132507	225-250		±3,0	1,0			
110132757	250-275		±3,0	1,0			
110133007	275-300		±3,0	1,0			

NEW MODEL 2026



DataMet BENCH MICROMETER

Item No	Range		Resol.	Accur.	Non-rotating	WIRELESS	USB
	Stand	Micrometer head					
	mm	mm	mm	µm			
110180278	0-25	0-25	0,0001	±1,0	•	•	•
110180288				±1,3	•	•	•
110180578	0-50	0-50	0,0005	±1,5	•	•	•
110180588				±2,0	•	•	•

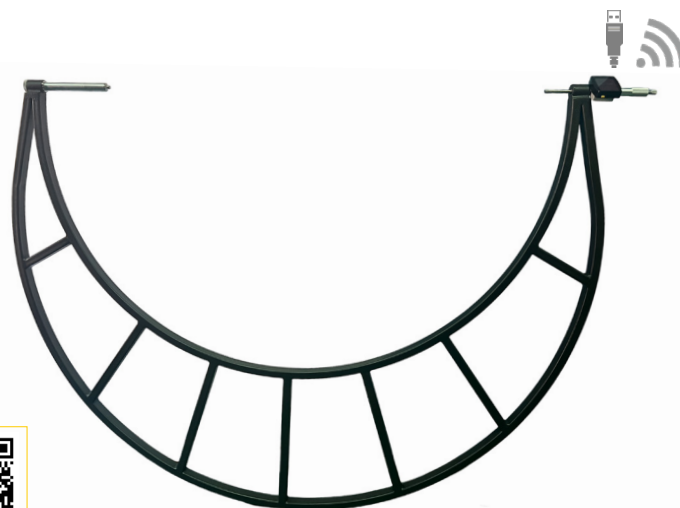
DataMet WIDE RANGE MICROMETER IP65
WITH INTERCHANGEABLE ANVILS



Item No	Range	Micro-meter head range	Resolution	Accuracy	Repeatability	Anvils	Setting rods	WIRELESS	USB	MODEBUS RTU
	mm	mm	mm	µm	µm					
110181539	0-150	25	0,0001	±3	1	5	5	•	•	option
110183039	150-300			±4	1	5	5	•	•	

WIDE RANGE DataMet MICROMETER IP65

Item No	Range mm	Resol. mm	Accuracy μm	Weight kg	Setting rod
110184008	300-400	0,0001	±5	1,9	•
110185008	400-500		±5	2,2	•
110186008	500-600		±6	2,6	•
110187008	600-700		±7	2,9	•
110188008	700-800		±8	4,8	•
110189008	800-900		±10	5,5	•
110181108	900-1000		±10	6,7	•
110181208	1000-1200		±14	9,2	•
110181408	1200-1400		±16	11,0	•
110181608	1400-1600		±20	13,3	•
110181808	1600-1800		±24	16,2	•
110182008	1800-2000		±30	19,5	•
110182208	2000-2200		±33	25	•
110182408	2200-2400		±36	27	•
110182608	2400-2600		±40	28,5	•
110182808	2600-2800		±42	30,5	•
110183108	2800-3000		±45	33	•

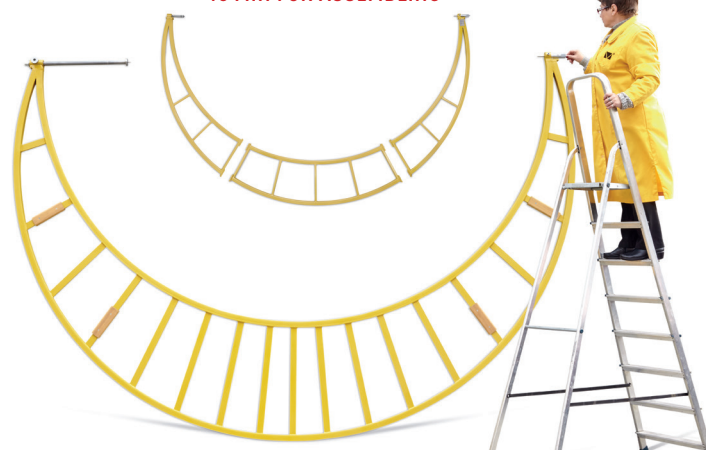


MODULAR DataMet MICROMETER IP65

Item No	Range mm	Resol. mm	Accur. μm	Modules	Weight kg	Setting rod	WIRELESS	USB HID
110160155	1000-1500	0,0001	±28	2	18	•	•	•
110160205	1500-2000		±32	2	22	•	•	•
110160305	2000-3000		±50	3	35	•	•	•
110160405	3000-4000		±60	4	47	•	•	•
110160505	4000-5000		±75	5	60	•	•	•
110160605	5000-6000		±90	6	79	•	•	•
110160705	6000-7000		±105	7	95	•	•	•
110160805	7000-8000		±120	8	115	•	•	•
110160905	8000-9000		±135	9	136	•	•	•
110161005	9000-10000		±150	10	160	•	•	•



MODULAR CONSTRUCTION
15 MIN FOR ASSEMBLING



UNIVERSAL DataMet MICROMETER IP65

Item No	Range mm	Resol. mm	Accur. μm	NON-ROTATING	WIRELESS	USB	MODBUS RTU
110750258	0-25	0,0001	±3	•	Long range / HID USB HID / Update option	•	•
110750508	25-50		±3	•			
110750758	50-75		±4	•			
110751008	75-100		±4	•			
110751258	100-125		±5	•			
110751508	125-150		±5	•			
110751758	150-175		±6	•			
110752008	175-200		±7	•			



NON-ROTATING 0,1 μm



UNIVERSAL ANVILS SET INCLUDES



UNIVERSAL BENCH DataMet MICROMETER IP65

Item No	Range mm	Resol. mm	Accur. μm	Anvils set	Non-rotating	WIRELESS	USB
110750298	0-25	0,0001	±2	7 pairs	•	•	•
110750598	0-50	0,0005	±2				

UNIVERSAL ANVILS SET INCLUDES





THREAD DataMet MICROMETER IP65

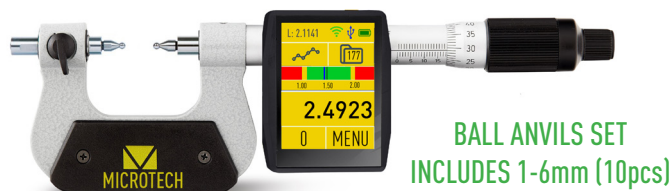


THREAD ANVILS SET INCLUDES

THREAD BENCH DataMet MICROMETER IP65



GEAR DataMet MICROMETER IP65



BALL ANVILS SET
INCLUDES 1-6mm (10pcs)

DISK DataMet MICROMETER IP65



TUBE DataMet MICROMETER IP65



SPHERICAL DataMet MICROMETER IP65



BLADE DataMet MICROMETER IP65



CABLE CRIMPING DataMet MICROMETER IP65



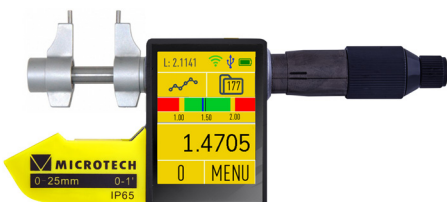
SMALL TIP DataMet MICROMETER IP65



POINT DataMet MICROMETER IP65



INSIDE DataMet MICROMETER IP65



DEPTH DataMet MICROMETER IP65



DataMet SNAP MICROMETER



NON-ROTATING DataMet MICROMETER HEAD IP65

NON-ROTATING
0-50MM RANGE



SWISS
READING
SYSTEM

since 1995



IEC/ISO 17025 Ilac



ISO 9001:2015

DataMet INDICATOR IP65

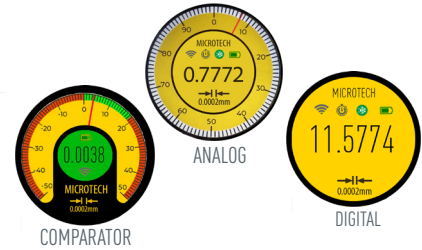
Item No	Range	Resol.	Accu- racy	Hyste- resis	Force	Memory	WIRELESS	USB
	mm	mm	μm	μm	N			
120137135	0-12,5	0,0002	±2	0,5	0,6-1	Folders / 50000 val	•	•
120137138	0-25,4		±1.0		0,7-1.2		•	•
120137256	0-30		±1.5		1,2-2,2		•	•
120137305	0-50,8		±2		3,2-5,2		•	•
120137505	0-100		±3				•	•
120137903	0-150		±4				•	•
120137953	0-200		±5				•	•
120137963							•	•



MICROTECH



ADJUSTABLE SCALES



PRECIMET DIGITAL INDICATOR IP65

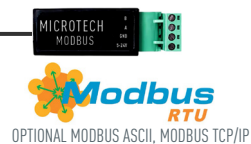
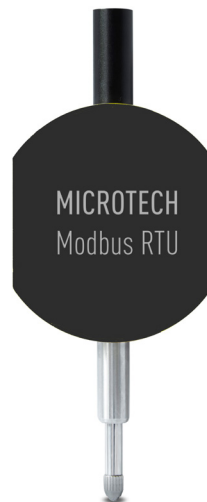
Item No	Range	Resolution	Accuracy	Proof
	mm	mm	μm	
120125131	0-12,7	0,01	±10	IP65
120125135	0-25,4	0,001	±2	
120125250	0-50,8	0,01	±20	
120125253	0-100	0,001	±4	
120125500	0-150	0,01	±20	
120125503	0-200	0,001	±5	
120125901	0-12,7	0,01	±20	
120125904	0-25,4	0,001	±8	
120125951	0-50,8	0,01	±30	
120125954	0-100	0,001	±10	
120125961	0-150	0,01	±30	
120125964	0-200	0,001	±10	



RANGE UP TO 200MM

Modbus INDICATOR IP65

Item No	Range	Resolution	Accu- racy	Hyste- resis	Force	MODBUS
	mm	mm	μm	μm	N	
120139137MB	0-12,5	0,001	±2,0	0,5	0,6-1	•
120139258MB	0-25,4		±2,0		0,7-1,2	•
120139508MB	0-50,8		±3,0		1,2-2,2	•
120139907MB	0-100		±5,0		1,2-2,2	•
120139505MB	0-150		±7,0		3,2-5,2	•
120139605MB	0-200		±9,0			•



DataMet DIAL COMPARATOR

Item No	Range	Resolution	Accuracy	Force	Stem D	WIRELESS	USB
	mm	mm	μm	N	mm		
120120288	0.1	0,0001	±0.5	1.8-2.2	28	•	•
120120289	0.5		±0.75			•	•



28MM STEM D

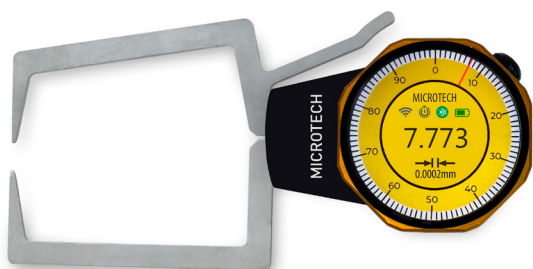
DATA MET TEST INDICATOR

Item No	Range	Resol.	Accu- racy	Probe	Force	WIRELESS	USB
	mm	mm	μm	mm	N		
120129018	-0.8 +0.8	0,0001	±5	12,8	0,1-0,18	•	•





Item No	Range	Resolution	Accuracy*	Clamping Diameter	Proof	WIRELESS	USB HID
	mm	mm	μm	mm			
120177040	±4		±8			•	•
120177200	±20	0,001	±20	8-h6	IP67	•	•
120177600	±60		±60			•	•

EXTERNAL DataMet CALIPER GAUGE CONE


Item No	Range	Span	Depth	Groove depth	Measur contact	Contact points	Resolution	Repeatability	Accuracy	WIRELESS	USB HID
	mm	mm	mm	mm	mm	mm	mm	mm	μm		
134201007	0-10	10	40	3	8	Cone R 0,5	0,0005	0,003	±10	•	•
134202007	0-20	20	80	6,5	25	Cone R 0,75	0,001	0,005	±15		
134204007	20-40	20	80	6,5	25			0,005	±15		
134206007	40-60	20	80	6,5	25			0,005	±15		

EXTERNAL DataMet CALIPER GAUGE


Item No	Range	Span	Depth	Measur contact	Contact points	Resolution	Repeatability	Accuracy	WIRELESS	USB HID
	mm	mm	mm	mm	mm	mm	mm	μm		
134202047	0-20	20	85	25			0,005	±15	•	•
134205547	0-50	50	167	30	Ball Ø 2	0,001	0,005	±30	•	•
134209947	0-100	100	382	35			0,005	±50	•	•

INTERNAL DataMet CALIPER GAUGE CONE


Item No	Range	Span	Depth	Groove depth	Measur contact	Contact points	Reso- lution	Repea- tability	Accu- racy	WIRELESS	USB HID
	mm	mm	mm	mm	mm	mm	mm	mm	µm		
134102507	5-25	20	35	1	1,5	Cone R 0,3	0,001	0,005	±15	●	●
134104007	20-40	20	80	3	6,5	Cone R 0,5		0,005	±15	●	●
134106007	40-60	20	80	3	8,5			0,005	±15	●	●

INTERNAL DataMet CALIPER GAUGE BALL


Item No	Range	Span	Depth	Groove depth	Measur contact	Contact points	Resolution	Repeatability	Accuracy	WIRELESS	USB HID
	mm	mm	mm	mm	mm	mm	mm	mm	μm		
134101547	5-15	10	35	0,8	2,3	Ball Ø 2	0,001	0,005	±10	•	•
134103047	10-30	20	85	1,2	5,2			0,005	±20	•	•
134105047	30-50	20	85	2	7,2			0,005	±25	•	•
134110047	50-100	50	235	2	11,7			0,02	±40	•	•
134115047	100-150	50	235	2	11,7			0,02	±50	•	•
134120047	150-200	50	235	2	11,7			0,02	±50	•	•

STEEL TABLE
WITH HANDWHEEL
MOVEMENT



GRANITE TABLE



DIAL GAUGE STAND

CERAMIC



HYDRAULIC WITH
MAGNETIC BASE



DataMet THICKNESS GAUGE IP65

Item No	Range	Reso- lution	Accu- racy	Depth	Contact points D	Force	Weight	WIRELESS	USB HID	MODBUS RTU	
	mm	mm	µm	mm	mm	N	kg				
137001027	0-1	0.0001	±3	25	6,35	0,5-0,7	0,26	•	•	OPTION	
137010127	0-10		±8	120	10	0,7-1,3	0,34	•	•		
137020127	0-20		±12	120		1,2-1,8	0,38	•	•		
137030207	0-30		±15	200			0,66	•	•		
137030407			±20	400		1,5	•	•			
137050307	0-50		±20	300		1,5	•	•			
137050457			±22	450		1,8-2,3	3,3	•	•		
137050807			±35	800		4,8	•	•			
137100407	0-100		±24	400		2,5-3,3	3,8	•	•		
137100807			±44	800			5,4	•	•		
137150407	0-150		±50	400			2,9-4,1	8,5	•		•
137150807			±70	800				10,8	•		•
137300407	150-300		±60	400				11,2	•		•
137300807			±85	800				14,6	•		•



MICROTECH

MODIFICATIONS WITH
POINT OR DISK ANVILS



VIDEO

VIDEO



DataMet SOFT MATERIALS THICKNESS GAUGES

Item No	Standard	Material	Range	Resol.	Depth	Accuracy	Base	Measuring surface	Force	Timer auto
			mm	mm	mm	mm	mm	mm	N	sec.
137331231	ASTM D5199-01-B	geomembranes	0-10	0,0001	50	0,02	D6,35	D6,35	0,633±0,006	5
137331232	ASTM D5199-01-A	geotextiles, geonets, geocomposite drainage materials				0,02	D76,4	D56,4	5±0,05	5
137331233	ISO 2286-3	rubber, plastic coated fabrics				0,02	D60	D10	1,88±1,9	30
137331234	ISO 2589	leather				0,015	D16 / D50	D10	3,85±0,1	5
137331235	ISO 5084-0	textiles				0,01-0,02	D100	D50,5	2±0,02	30
137331236	ISO 5084-A3	textiles				0,01-0,02	D100	D50,5	5±0,05	30
137331237	ISO 9863-1-C	polymeric and bituminous geosynthetic barriers				0,02	D56,4	D56,4	50±0,5	5
137331238	ISO 9863-1	polymeric and bituminous geosynthetic of non-inform thickness				0,015	R 1	R 1	0,6±0,1	5

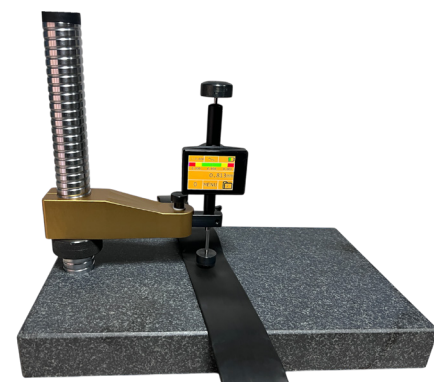


DataMet SOFT MATERIALS THICKNESS STAND

Item No	Standard	Material	Range	Resol.	Accuracy	Base	Measuring surface	Force	Timer auto
			mm	mm	mm	mm	mm	N	sec.
137331251	ASTM D1777-1	woven fabrics	0-25	0,0001	0,015	D58	D28,7±0,02	2,68±0,13	
	ASTM D1777-5	knitted fabrics						0,45±0,05	
137331252	ASTM D1777-2	coated fabrics, narrow fabrics, webbing tapes	0-25		0,012	D58	D9,5±0,02	1,66±0,05	
137331253	ASTM D1777-3	films, glass cloths, glass tapes.	0-25		0,002-0,01	D58	D6,3	5,36±0,42	
137331255	ASTM D3767-03-A1	rubber	0-25		1% / 0,01	R1 D58	R12,5 D10	0,8±0,1	
137331258	ASTM D5199-01-B	geomembranes	0-25		0,012	D58	D6,35	0,633±0,006	5
137331260	DIN EN 1849-2	waterproofing sheet flexible sheets	0-25		1% / 0,01	D58	D10	1,57±0,785	
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	3,93	
137331265	ISO 534	paper, cardboard	0-25		0,5% / 0,015	D58	D16	20±2	
137331267	ISO 2589	leather	0-25		0,01	D16 / D50	D10±0,05	3,85±0,1	5
137331268	ISO 3034	corrugated fiberboard	0-25		0,02	D35,7	D35,7	20±0,5	
137331269	ISO 4593-P	plastic, film and sheeting	0-25		0,001-0,003	D58	D10	1	
137331270	ISO 4594-R	plastic, film and sheeting	0-25		0,001-0,15	D58	R30 / D5	0,5±0,025	
137331275	ISO 9863-1-D	polymeric and bituminous geosynthetic	0-25		0,003-0,01	R 1 D58	R 1	0,6±0,1	5



Item No	Standard	Material	Range	Resol.	Accuracy	Base	Measuring surface	Force	Timer
			mm	mm	mm	mm	mm	N	sec.
137331254	ASTM D1777-4	glass fiber mat	0-25	0,0001	0,02	150x100	D57,15±0,02	25,65	48,48±1,8
137331256	ASTM D3767-03-A	rubber & elastomer <35IRHD	0-25		0,01 / 1%	300x200	D10	0,785	18,9±0,7
	ISO 23529-A								10±2
137331257	ASTM D5199-01-A	geotextiles, geonets, geocomposite drainage materials	0-25		0,012	150x100	D56,4	25	1,76±0,35
								5±0,05	22±4,4
137331263	DIN 53855-1	compression of textile	0-50		0,01-0,02	300x200	D35,69 D56,34	10 25	5±0,05
								0,49 / 2,45	2±0,02
137331264	EN 964-1	geotextiles	0-25		0,01-0,015	150x100	D56,42	25	1,23 / 6,13
								5±0,04	20±0,2
137331266	ISO 2286-3	rubber, plastic coated fabrics	0-25		0,01	150x100	D10	0,785	50±0,4
								500±4	200±2
137331271	ISO 5084-0	textiles	0-25		0,01-0,02	150x100	D50,5	20	0,393±0,039
137331272	ISO 5084-A2	textiles	0-25		0,01-0,025	300x200	D112,84	100	0,785±0,079
137331273	ISO 9073-2	textiles, normal nonwovens	0-25		0,025	300x200	D56,42	25	1,88±0,19
137331274	ISO 9073-2	textiles for bulky nonwovens > 20mm	0-150		0,05	400x250	200x200	400	2±0,02
137331276	ISO 9863-1-ABC	polymeric and bituminous geosynthetic barriers	0-25		0,01-0,015	150x100	D56,4	25	5±0,05
								50±0,5	20±0,2
								500±5	200±2



UP TO 2M DEPTH

0,1µm



VIDEO

DataMet BORE GAUGES CARBIDE CONTACTS

Item No	Range	Depth	Resolution	Accuracy	WIRELESS	USB HID	MODBUS
	mm	mm	mm	µm			
132010700	6-10	60	0.0001	±3	•	•	OPTION
132018700	10-18	110		±3	•	•	
1320507XX	18-50	130-2000		±3	•	•	
1321607XX	50-160	150-2000		±3	•	•	
1322507XX	160-250	260-2000		±5	•	•	
1324507XX	250-450	260-2000		±8	•	•	
1329007XX	400-1000	440-2000		±12	•	•	
1329517XX	250-1500	440-2000		±16	•	•	

DataMet PLUG GAUGES WITH CARBIDE CONTACTS

Item No	Range	Depth	Resolution	Move tip	Accuracy	Repeat.	Weight	Heads	WIRELESS	USB HID
	mm	mm	mm	mm	µm	µm	kg			
132005908	5-10	70	0.0001	1,5	±2	2	0,06	10pcs (5-10mm)	•	•
132010908	10-20	70		2,3	±2	2	0,1	10pcs (10-20mm)	•	•
132020918	5-20	70			±4	2	0,1	20pcs (5-20mm)	•	•

L-SHAPED DataMet BORE GAUGES

Item No	Range	Reso- lution	Accur.	Repea- tability	Depth rod		Tip travel	Weight	WIRELESS	USB HID
	mm	mm	µm	µm	main	second	mm	kg		
132064038	15-35	0,0001	±3	±1	200	32	1,6	0,09	•	•
132064068	25-60		±3		275	44	2,3	0,27	•	•
132064158	50-150		±3		275	45	3,3	0,3	•	•
132064308	100-300		±3		375	70	3,5	0,52	•	•

BLIND HOLES DataMet BORE GAUGES

Item No	Range	Resolution	Accur.	Repeatability	Depth	Base width	Distance from bottom	Tip travel	Weight	WIRELESS	USB HID	MODBUS RTU
	mm	mm	µm	µm	mm	mm	mm	mm	kg			
132065038	15-35	0.0001	±3	±1	90	11,5	1,5	1,4	0,25	•	•	option
132065068	25-60		±3		130	18	2	1,6	0,4	•	•	
132065158	50-150		±3		150	38	1,5	2,5	0,55	•	•	
132065308	100-300		±3		230	66	1,5	3,3	0,77	•	•	

RETRACTABLE DataMet BORE GAUGES

Item No*	Range D	Resol.	Max A	Min H	MaxH Depth	Accur.	WIRELESS	USB HID	MODBUS
	mm	mm	mm	mm	mm	µm			
1391607XX	70-160	0.0001	20	D-30	150-3000	±12	•	•	OPTION
1392507XX	160-250				150-3000	±12	•	•	
1394507XX	250-450				150-3000	±12	•	•	
1395507XX	250-550		60	100+0,3*D	380	±20	•	•	
139780700	480-780				400	±25	•	•	
139910700	720-1020				400	±30	•	•	



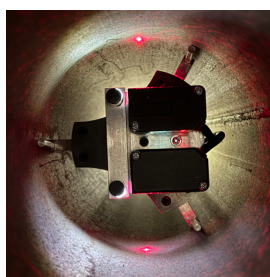
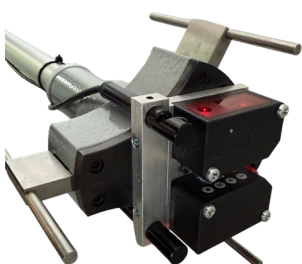
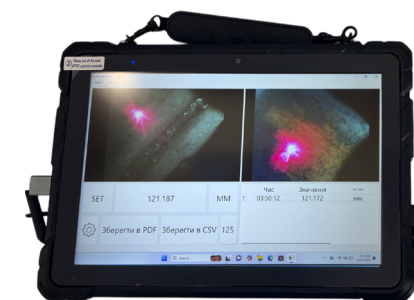
Item No	Range	Reso- lution	Depth	Modules		Accu- racy	Supports set with rolls	Retractable head	WIRELESS	USB HID	MODBUS
	mm	mm	mm	length	qty	μm					
131050745	35-50	0,0001	3000	1500	2	±12	OPTION	OPTION	•	•	OPTION
131160745	50-160		3000	1500	2	±10			•	•	
131160755	85-160		5000	1700	3	±12			•	•	
1312507XX	160-250		3000-5000	1500	2	±12			•	•	
1312607XX	105-260		5000-10000	1700	3	±28			•	•	
1314507XX	250-450		3000-10000	1500	2	±17			•	•	
1319007XX	400-1000		3000-10000	1500	2	±25			•	•	



VIDEO

UP TO 10M DEPTH

GUN BARREL LASER BORE GAUGES



Item No	Range		Reso- lution	Max Depth	MetroX VISOR system			
	Caliber	mm	mm	mm	Dual Laser	Positioning	Digital camera	Indication
138112519	120, 122 124, 125	115-125	0.001	1000	2 RED lasers with 10mm range	3 point positioning system with 100mm anvils lenght	2 cameras with LED lighting	IP67 Touchscreen Windows PC with MetroX VISOR app (laser, camera, Export measuring protocols csv, pdf, screenshots)
138112539				3000				
138112569				6000				
138115519	152, 155	150-160		1000				
138115539				3000				
138115569				6000				
138117569	175	166-176		6000				
138117579				11000				
138121079	203	200-210		8000				
138121089				12000				
138124069	240	235-245		6000				

GUN BARELL DataMet PISTOL GRIP BORE GAUGES



Item No	Range		Reso- lution	Max Depth	Lunet set	Anvils	WIRELESS	USB
	Caliber	mm	mm	mm	pcs			
138206017	60	59-61	0,0001	1000	-	standard	Long range / HID	USB HID
138206217	62	61-63		1000	-	standard		
138208017	80	79-81		1500	1	standard		
138208217	82	81-83		1500	1	standard		
138112027	120	118.5-121.5		2000	1	extended		
138112237	122	120.5-123.5		3000	2	extended		
138112437	124	122.5-125.5		3000	2	extended		
138112537	125	123.5-126.5		3000	2	extended		
138112567				6000	4	extended		
138115237	152	150.5-153.5		3000	2	extended		
138115267				6000	4	extended		
138115537	155	153.5-156.5		3000	2	extended		
138115567				6000	4	extended		

BORING BAR DataMet BORE GAUGES

Item No	Range	Reso- lution	Accur.	Repeat	Depth	Weight	WIRELESS	USB HID	MODBUS RTU
	mm	mm	μm	μm	mm	kg			
132062068	20-60	0,0001	±3	±1	12	0,25	•	•	option
132062108	35-100		±3		17.5	0,4	•	•	
132062158	70-150		±3		30	0,55	•	•	
132062288	120-280		±4		30	0,77	•	•	
132062608	200-600		±5		30	0,95	•	•	

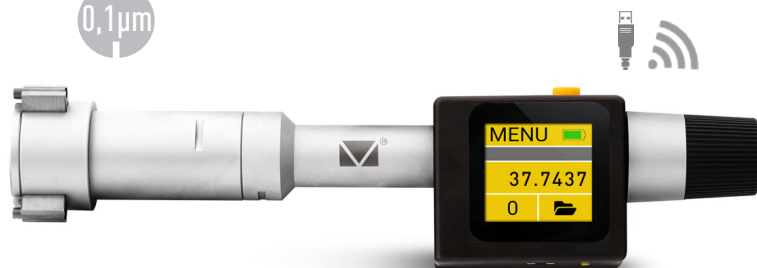


Item No	Range	Reso- lution	Accur.	Max depth	Set ring	WIRELESS	USB HID	MODBUS
	mm	mm	μm	mm				
133700210	2-2,5	0,0001	±3	12,5	•	•	•	OPTION
133700310	2,5-3		±3	12,5	•	•	•	
133700410	3-4		±3	22,5	•	•	•	
133700510	4-5		±3	22,5	•	•	•	
133700610	5-6		±4	22,5	•	•	•	
133700810	6-8		±4	154	•	•	•	
133701010	8-10		±4	154	•	•	•	
133701210	10-12		±4	154	•	•	•	
133701610	12-16		±4	230	•	•	•	
133702010	16-20		±4	230	•	•	•	
133702510	20-25		±4	240	•	•	•	
133703010	25-30		±4	240	•	•	•	
133704010	30-40		±4	240	•	•	•	
133705010	40-50		±4	240	•	•	•	
133707010	50-70		±4	250	•	•	•	
133710010	70-100		±4	250	•	•	•	
133715010	100-150		±4	250	•	•	•	
133725010	150-250		±5	250	•	•	•	
133730010	200-300		±6	250	option	•	•	
133750010	200-500		±8	650		•	•	
133790011	200-1000		±10	1150		•	•	

2-POINT IN RANGE 2-6mm



0,1μm



UP TO 3M DEPTH



0,2μm

UP TO 5M DEPTH

DataMet PISTOL GRIP BORE GAUGE 3-POINT

Item No	Range	Resol.	Accur.	Set rings	Max depth	WIRELESS	USB HID	MODBUS
	mm	mm	μm		mm			
133500810	6-8	0,0002	±3	•	50+100	•	•	OPTION
133501010	8-10		±3	•	50+100	•	•	
133501210	10-12		±3	•	50+100	•	•	
133501610	12-16		±3	•	65+150	•	•	
133502010	16-20		±3	•	65+150	•	•	
133502510	20-25		±3	•	91+150	•	•	
135303010	25-30		±3	•	91+150	•	•	
133504010	30-40		±3	•	97+150	•	•	
133505010	40-50		±4	•	97+150	•	•	
133506310	50-63		±4	•	112+150	•	•	
133507510	62-75		±4	•	112+150	•	•	
133508810	75-88		±4	•	112+150	•	•	
133510010	87-100		±4	•	112+150	•	•	
133512510	100-125		±4	option	130+150	•	•	
133515010	125-150		±4		130+150	•	•	
133517510	150-175		±4		130+150	•	•	

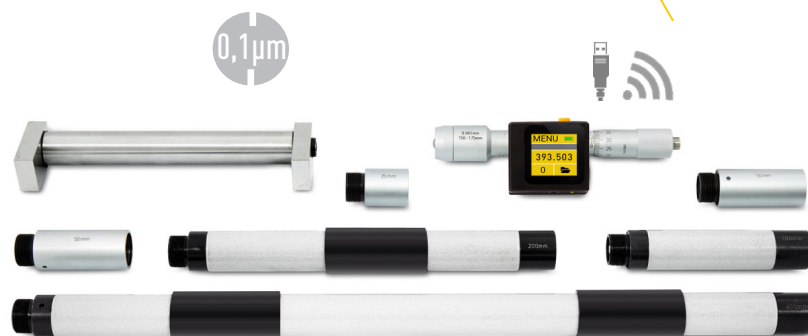
DataMet PISTOL GRIP BORE GAUGE 2-POINT



0,2μm

Item No	Range	Resol.	Accur.	Setting rings	Max depth	WIRELESS	USB HID	MODBUS
	mm	mm	μm		mm			
133505052	40-50	0,0002	±6	•	97+150	•	•	OPTION
133506352	50-63		±6	•	112+150	•	•	
133507552	62-75		±6	•	112+150	•	•	
133508852	75-88		±6	•	112+150	•	•	
133510052	87-100		±6	•	112+150	•	•	
133512552	100-125		±6	option	130+150	•	•	
133515052	125-150		±6		130+150	•	•	
133517552	150-175		±6		130+150	•	•	

Item No	Range	Reso- lution	Accu- racy	Tube D	WIRELESS	USB
	mm	mm	μm	mm		
133800100	125-1000	0,0001	±15	22	•	•
133800150	125-1500		±15		•	•
133800200	125-2100		±20		•	•
133800300	125-3000		±30		•	•
133800400	125-4000		±40	33	•	•
133800500	125-5000		±50		•	•
133800600	125-6000		±60		•	•



DataMet RADIUS GAUGES

Item No	Radius		Resol.	Accu- racy	Base	WIRELESS	USB HID
	Range	Type					
	mm		μm	%	mm		
1250511017	5-60	internal & external	1	0,4-1	10	•	•
1250511007	40-1200				40	•	•
1250511117	250-7500				200	•	•
1250511127	500-15000				300	•	•
RADIUS GAUGES SET							
1250512007	5-2000	internal & external	1	0,4-1	10,30,60,100	•	•
1250513007	5-4000				10,30,60,100,200	•	•
1250515007	40-7500				40, 200	•	•
1250516007	40-15000				40, 300	•	•
1250517007	5-15000				10, 40, 300	•	•



WIDE RANGE DataMet RADIUS GAUGE

Item No	Radius		Reso- lution	Base length	Accu- racy	WIRELESS	USB HID
	Range	Type					
	mm		μm	mm	%		
1250530256	60-2550	EXT	1	600	0,1%	•	•
1250531156	100-11200			1200		•	•
1250533356	200-32200			2000		•	•



DataMet PROTRACTOR

Item No	Range	Resolution		Accuracy		Fine adj.	Base	WIRELESS	USB HID
	grad	sec of arc	grad	rad	min of arc		mm		
151136055	0-360°	1/12" (5")	0.005°	0.0001	±3'	•	150, 300	•	•



Item No	Calibrated devices	Range		Resol	Micrometer head	
		mm	inch		Range	Accur.
25111300	Indicators & Bore gauges	0-300	0-12"	0,0001	25	±2
25111500		0-500	0-20"			
25111900		0-1000	0-40"			



BORE GAUGES & INDICATORS CALIBRATION

INDICATOR CALIBRATION STAND

Item No	Type	Range		Resol	Micrometer head		CALIBRATION			
		mm	inch		Range	Accur.	Non-Rotating	Dial indicator (0,01mm)	Dial indicator (0,001mm)	Digital indicator
25111051	Horizontal	0-50	0-2"	0,0001	50	±3	•	•	•	•
25111057				0,0005		±2	•	•	•	•
25113050	Vertical	0-50	0-2"	0,0001	50	±2	•	•	•	•
25113057				0,0005		±2	•	•	•	•



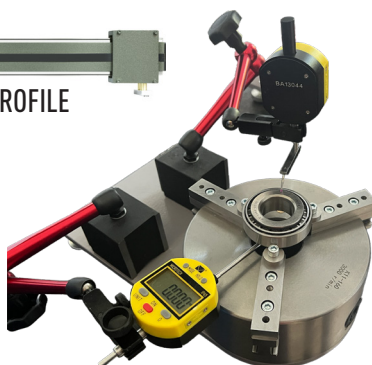
RULER&TAPE COMPUTERIZED CALIBRATOR



Item No	Range		Resolution	Accuracy	Microscope	Magnetic fixator	Force gauge	Tape drum	Max ruler range	Max tape length
	mm	inch							mm	m
258010005	0-1000	0-40"	0,01	±0,010+L/65	LED	+	Digital 50N	+	1000	25
258020005	0-2000	0-80"		±0,015+L/50	7 inch	+		+	2000	50
258030005	0-3000	0-120"		±0,020+L/40		+		+	3000	50



CUSTOM STANDS



DataMet FORCE GAUGE

Item No	Range			Reso- lution	Accu- racy	HUB mode	WIRELESS	USB HID	MODBUS RTU
	N	kg	lbF	N	%				
225170017	1-10	0,1-1	0.2-2	0,001	0.3	•	•	•	OPTION
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			•	•	•	



DataMet FORCE GAUGE FOR EXTERNAL SENSOR

Item No	Accu- racy	Ext sensors	WIRELESS	USB HID	MODBUS RTU
	%				
225170707	0.3	•	•	•	•
225170707M		•	•	•	•



DataMet MANUAL FORCE TESTER

Item No	Load		Reso- lution	Range	Scale	Weight
	N	lbF	N	mm		kg
278170056	500	112	0,001	180	option	25
278170106	1000	225			•	
278170107						



DataMet SHORE DUROMETER

Item No	Shore Scale	Range	Resol	Indenter			Force
				Diameter	Indenting foot	Extension	
21100101	A	0-100	0,01	1,40	35° truncated cone D=0,79mm	2,54	8,05
21100102	C				30° cone R=0,1mm		44,45
21100103	D				1.20 mm spherical R		
21100104	00			2,40			1,111
21100105	F						0,55-4.3



MULTISCALE DataMet SHORE DUROMETER SET

Item No	Shore Scale	Indenter
		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



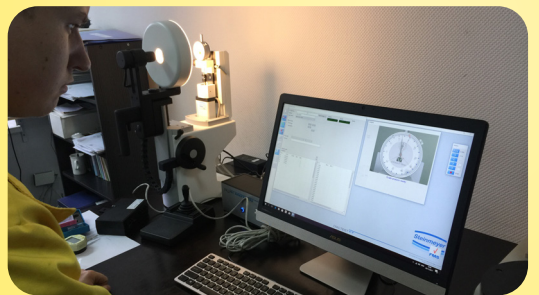
30TH ANNIVERSARY



MANUFACTURING ISO9001:2015



CALIBRATION ISO17025:2017



150+ PATENTS
US, UA, WO



ROHS, CE CERTIFICATION

MICROTECH est. 1995
UKRAINIAN CREATIVITY - EUROPEAN RELIABILITY

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