MICROTECH

LINEAR SCALE COMPUTERIZED WITH MAGNIFIER

WIRELESS HID
USB HID

DIRECT TO ANY APP & OS

android | Windows

iOS

WIRELESS HUB CONNECTION

INDICATOR FOR 2D / PROBE/ANGLE

WIRELESS TO MDS APP

FREE VERSIONS

Windows | android

iOS

1µm

SWISS READING SYSTEM

TABLET MULTIFUNCATIONAL **MICS**
2.0'' OR 2.4'' TOUCHSCREEN DISPLAY

133.273

10x

CUSTOM RANGE AND CONFIGURATION FOR REQUEST

COMPUTERIZED **MICS** SYSTEM MAIN FUNCTIONS

1.4705 — **ANALOG SCALE**	4 029mm — **COLOR GO / NOGO**	4 029mm — **COLOR MAX / MIN / RANGE**
TIMER 0.000 sec RESET — **TIMER**	Setting reply 1 / Auto / PRECISION / Sensor 1 / D = 1.000000 — **TOUCH PROBE SETTINGS**	Formula Ax²+Bx+C Set Argv — **FORMULA Ax^2+Bx+C**
GRAPHIC MODE 1D/2D	Stat All Mode 1: 12.009 2: 36.646 3: 29.090 4: 23.070 5: 56.624 — **MEMORY 2000 values**	Stat All Mode Page 1/1 — **FOLDERS mode**
Statistics MAX: 59.9510 MIN: 6.0090 AVG: 21.1826 D: 204.9000 — **MEMORY STATISTICS**	Temp.com. Glass,Qartz,Mo 20.00 C° RES — **TEMPERATURE COMPENSATION**	Menu OFF Memory OFF PIN: 0 — **PASSWORD**
Display Angle 270 Sleep OFF Touch OFF — **DISPLAY & ENERGY**	Resolution X.000 mm Normal — **RESOLUTION, mm/inch**	MDS MODE Ultra Power CLEAR — **WIRELESS to MDS app**
HID MODE AD:FE TA... M:A:C ti... Arr dow... Eco Power — **WIRELESS & USB HID**	0 P 0.334 0 75.573 MENU — **HUB mode (2D, Probe)**	MICROTECH MICRON CALIPER FW: 4.5.3 Op time: 0h Calibration 1.1.2025 MAC: F7:5B:B8:C0:95:88 MANUAL — **DEVICE INFO, UPDATE**

GRAPHIC MODE 1D/2D values: 14.1936 average:5.7457 -0.0004 50 points 21

MADE IN UKRAINE

LINEAR SCALE COMPUTERIZED WITH MAGNIFIER

- **Industry 4.0** adopted linear scale with computerized MICS system (Patents US10184772, UA174949, UA126928)
- **MICRON** with **SWISS made reading system** resolution **1micron** (0,0005/0,001/0,01/0,1mm selection)
- **Magnifier** 10x loupe with scale or **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
- **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))

LINEAR SCALE COMPUTERIZED WITH MAGNIFIER

Item No	Range mm	Range inch	Resolution mm	Accuracy µm	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	MODBUS
142503157	0-300	0-12"		±12			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142505157	0-500	0-20"		±15			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142506157	0-600	0-24"		±20			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142508157	0-800	0-32"	0,0005	±20	10x magnifier	IP54	•	•	•	•	•	•	•	•	•	•	•	•	2000 val	•	•	•	OPTION
142510157	0-1000	0-40"		±25			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142515157	0-1500	0-60"		±30			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142520157	0-2000	0-80"		±40			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	

LINEAR SCALE COMPUTERIZED WITH LED MICROSCOPE

Item No	Range mm	Range inch	Resolution mm	Accuracy µm	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	MODBUS
142503177	0-300	0-12"		±12			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142505177	0-500	0-20"		±15			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142506177	0-600	0-24"		±20			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142508177	0-800	0-32"	0,0005	±20	10x magnifier	IP54	•	•	•	•	•	•	•	•	•	•	•	•	2000 val	•	•	•	OPTION
142510177	0-1000	0-40"		±25			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142515177	0-1500	0-60"		±30			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142520177	0-2000	0-80"		±40			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	

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COMPLECTATION

FREE VERSIONS OF MDS APP

USB DATA/CHARGING CABLE

ilac-MRA
CALIBRATION PROTOCOL

OPTIONAL

IOT DATA BUTTON

MDS SOFTWARE
STANDARD MDS app

IOT DISPLAY UNIT

MICROTECH MODBUS
Modbus RTU