



ISO/IES 17025:2017
(cert. № 4K051)



Quality management system
ISO 9001:2015 (cert. № U228396)

DIGITAL INDICATOR MICROTECH





1.MODIFICATIONS

Item No	Range	Resolution	Accuracy	Measuring force	Scale	Data output
	mm	mm	mm	N		Wireless
120126131	0-13	0,01	±0,010	1,3-2,0	Digital	-
120126136	0-13	0,01	±0,010	1,3-2,0	Digital	max 15m
120128136	0-13	0,001	±0,010	1,3-2,0	Digital	max 15m
120128132	0-13	0,001	±0,003	1,3-2,0	Digital	-
120127132	0-13	0,001	±0,003	1,3-2,0	Digital+Analog	-
120127137	0-13	0,001	±0,003	1,3-2,0	Digital+Analog	max 15m
120127133	0-13	0,001	±0,002	1,3-2,0	Digital+Analog	-
120127138	0-13	0,001	±0,002	1,3-2,0	Digital+Analog	max 15m
120126251	0-25,4	0,01	±0,010	1,3-2,0	Digital	-
120127252	0-25,4	0,001	±0,003	1,3-2,0	Digital+Analog	-
120127257	0-25,4	0,001	±0,003	1,3-2,0	Digital+Analog	max 15m
120127502	0-50,8	0,001	±0,005	1,3-2,0	Digital+Analog	-
120127507	0-50,8	0,001	±0,005	1,3-2,0	Digital+Analog	max 15m

2.BUTTON FUNCTIONS

TOL button

short press - activating tolerance mode indication in bottom of screen

Blinking is indicating actual status

TOL ► **OK** ◀

long press - setting tolerance value and tolerance mode using (mm/in, set, 0/ON buttons for selecting value). Long press TOL button for saving

mm/in button

short press - mm/inch conversion

long press - change measurement's direction (+/-)

SET button

short press - selecting relative or absolute (ABS indicating) measuring mode

long press - setting PRESET value with using (mm/in, set, 0/ON buttons for selecting value). Long press SET button for saving PRESET value.

MAX/MIN button

short press - mode select max/min/combination

Will be indicating max or min measured value.

Press 0/ON button to clear value

WIRELESS button (modification)

2 sec press - Switch on Wireless mode.

short press - Transfer value to Software

2 sec press - Switch off Wireless mode.

0/ON button

short press - switch on indicator

long press - switch off indicator

Under absolute mode (ABS indication) with a short press **0/ON** button PRESET value will indicated.





3.SCALE

3.1 MICROTECH indicator can be equipped with Digital or Analog-digital scale.



Digital scale

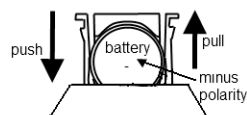


Digital-Analog scale

4.BATTERY REPLACEMENT

4.1 If necessary, open the battery cover on the bottom side of the body, insert the battery (type CR2032) according to the polarity of the electrodes.

Blinking display information or absence suggests to replace battery.



5.OPERATION INSTRUCTIONS

5.1 Clean the oil from the measuring rod and measuring anvil.

5.2 Switch on indicator with using **0/ON** button (short press)

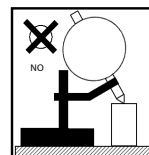
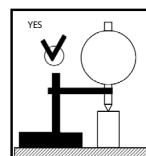
5.2 Use p.2 of this manual (button functions) to select mode or functions.

5.4 Attach indicator in the stand in the working position in relation to testing object.

5.5 Check the zero setting. Provide tightness of the measuring rod amount 0.4 mm – 0.6 mm in relation to testing object. Press button **0/ON** to zero setting.

5.6 Check the stability of the zero position of the 4-5x caging.

5.87 Wipe the testing object with a clean soft cloth.



WARNING !

Measuring rod should move without shock at the end of turn.

Avoid contact with the indicator and oil emulsion.

Do not turn indicator when it is fixed in the tool holder by a sleeve





6. WIRELESS DATA TRANSFER (MODIFICATIONS)

6.1 AUTONOMY FOR WIRELESS INSTRUMENTS

MICROTECH Wireless instruments has 2 modes of data transfer:

STANDART MODE - non stop data transfer 4data/sec

- CR2032 battery work in non stop data transfer up to 100h

ECONOMY MODE (GATT) - data transfer only by Wireless button push

- CR2032 battery work in this mode up to 6 month (100 data transfer a day)

- activating throw software

6.2 DATA TRANSFER distance for WIRELESS INSTRUMENTS

The maximum distance between the Wireless MICROTECH instrument and the peripheral device is up to 15 meters (open area)

Indoors distance of data transfer usually 3-10 meters depends of transfer mode and conditions

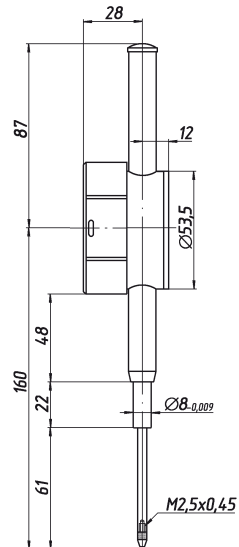
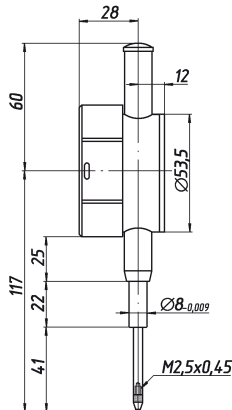
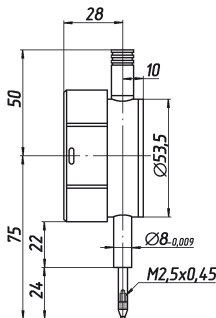
6.3 SOFTWARE

More info about Software using can be download on www.microtech.ua

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7. INSTRUMENT DRAW



Change without prior notice

Edition: M12013_0320

