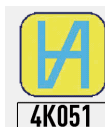# WIDE RANGE
MICROMETER MICROTECH

ISO/IES 17025:2006 (cert. № 4K051)

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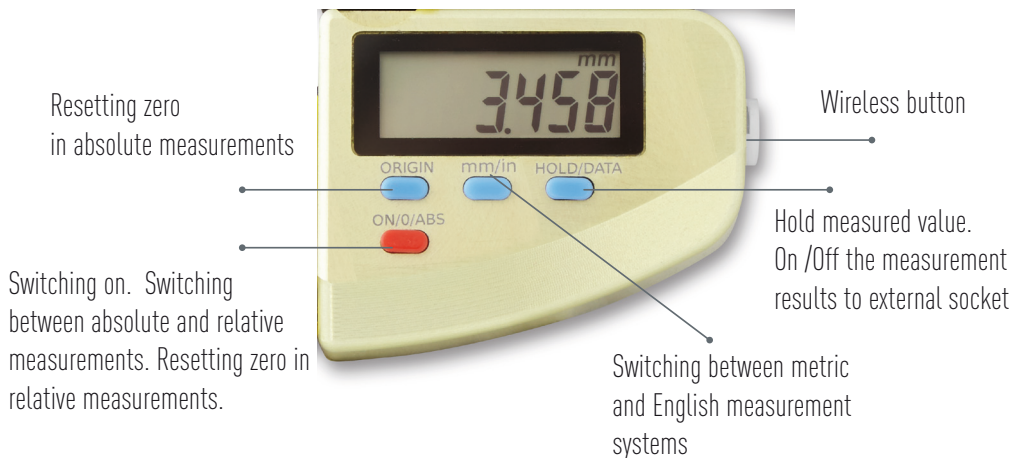
1.MODIFICATIONS

Item No	Range	Micrometer head range	Resolution	Accuracy	Protection class
	mm	mm	mm	mm	
110174005	300-400	50	0,001	±0,007	IP-65
110175005	400-500	50	0,001	±0,007	IP-65
110176005	500-600	50	0,001	±0,008	IP-65
110177005	600-700	50	0,001	±0,008	IP-65
110178005	700-800	50	0,001	±0,009	IP-65
110179005	800-900	50	0,001	±0,012	IP-65
110179105	900-1000	50	0,001	±0,012	IP-65
110179206	1000-1200	50	0,001	±0,018	IP-65
110179406	1200-1400	50	0,001	±0,022	IP-65
110179606	1400-1600	50	0,001	±0,027	IP-65
110179806	1600-1800	50	0,001	±0,033	IP-65
110179906	1800-2000	50	0,001	±0,038	IP-65

2.BUTTON FUNCTIONS

Resetting zero
in absolute measurements

Wireless button

Switching on. Switching
between absolute and relative
measurements. Resetting zero in
relative measurements.

Hold measured value.
On /Off the measurement
results to external socket

Switching between metric
and English measurement
systems

3.OPERATION INSTRUCTIONS

3.1 Clean the oil from the measuring surfaces of micrometer by cloth.

3.2 If necessary, open the battery cover; insert the battery (*type CR2032*) according to the polarity of the electrodes. Blinking display information or absence suggests replacing battery. After battery replacement on the screen will be ---------- indication. Press **ORIGIN** button for setting 0.000 .

3.3 Turn on the display by pressing **ON/0/ABS** button.

3.4 Check the setting display to zero. Contact with each other (or with setting gauge) measuring surfaces of the anvil and the spindle, using the ratchet and take a measurement.

Rotation the micrometer screw in the direction of convergence measuring surfaces using the ratchet.

ip located at the end of screws, used only for reverse spindle.

3.5 For zero setting, press the **ON/0/ABS** or **ORIGIN** button and hold it to reset to Zero.

3.6 After switching on, the display shows the measured value of the metric/ English system of units. Press **mm/in** button to switch between metric/English measurement systems.

3.7 After switching on, the display shows in absolute or relative terms. Press **ON/0/ABS** button to switch between absolute and relative measurement

3.8 During measure, thimble should rotate only by ratchet. Ensure contact of workpiece with measuring surfaces of the micrometer so tightly to ratchet cranked 2-3 times. Try to prevent warping measuring surfaces.

3.9 After work the measuring surfaces of the micrometer wipe with a cloth and apply anticorrosive oil.

WARNING !

- Avoid contact with the body electronics unit micrometer emulsions and oils.

- During the measurements, periodically check the zero setting micrometer.

- Do not make the rotation of the micrometer screw in close measuring surfaces using a thimble.

- Avoid shocks or falling, even with a small height.

- Do not disassemble or adjust the micrometer persons who unrelated to the repair.

4.WIRELESS DATA TRANSFER

4.1 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
(if you switch off data transfer battery work up to 9 month)

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

4.2 DATA TRANSFER distance for WIRELESS INSTRUMENTS

The maximum distance between the Wireless MICROTECH instrument and the peripheral device is up to 12 meters (open area)

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

4.3 SOFTWARE

Aviable FREE and PRO version MICROTECH SPC Software for Windows, Android, iOS systems.

Software can be downloaded throw *www.microtech.ua* GooglePlay or App Store

5.INSTRUMENT FIGURE

Change without prior notice

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