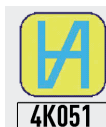




WIDE RANGE MICROMETER MICROTECH



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	
110179041	300-400	50	0,001	$\pm 0,007$	IP-65
110179051	400-500	50	0,001	$\pm 0,007$	IP-65
110179061	500-600	50	0,001	$\pm 0,008$	IP-65
110179071	600-700	50	0,001	$\pm 0,008$	IP-65
110179081	700-800	50	0,001	$\pm 0,009$	IP-65
110179091	800-900	50	0,001	$\pm 0,012$	IP-65
110179101	900-1000	50	0,001	$\pm 0,012$	IP-65
110179121	1000-1200	50	0,001	$\pm 0,018$	IP-65
110179141	1200-1400	50	0,001	$\pm 0,022$	IP-65
110179161	1400-1600	50	0,001	$\pm 0,027$	IP-65
110179181	1600-1800	50	0,001	$\pm 0,033$	IP-65
110179201	1800-2000	50	0,001	$\pm 0,038$	IP-65

2.BUTTON FUNCTIONS

ON/OFF	Power on/off	- Press
SET	Set the origin (Preset)	-Hold>1 sec
ABS/INC	Absolute/relative measuring mode	-Press
UNIT	mm/inch conversion	-Hold>1 sec

ORIGIN SET

- 1) Press and hold SET key - for flashing values on display.
Press SET key, the display will be set the origin if not changing the origin.
- 2) Press and hold SET key until Set disappears and the first digit start flashing
- 3) Press SET key, the flashing digit +1 until it is desired
- 4) Press and hold SET key until the nex digit flashes
Repeat steps c and d until the data on LCD is desired
- 5) Press and hold SET key until Set flashes/ Press SET key, the data on screen will be set to origin.



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 according to the polarity of the electrodes. Blinking display information or absence suggests replacing battery.

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

3.4 Check the setting display to zero (or to 0). Contact 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 or origin setting, press the **SET** button and hold

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

3.7 After switching on, the display shows in absolute or relative terms. Press **ABS/INC** 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.





3. INSTRUMENT FIGURE

