



# POINT DIGITAL MICROMETER MICROTECH



ISO/IES 17025:2006 (cert. № 4K051)



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



# 1. MODIFICATIONS

Item No	Range	Resolution	Accuracy	Protection class	Data output
	mm	mm	mm		
1104500251	0-25	0,001	±0,004	IP-54	RS-232
1104500501	25-50	0,001	±0,004	IP-54	RS-232
1104500751	50-75	0,001	±0,005	IP-54	RS-232
1104501001	75-100	0,001	±0,005	IP-54	RS-232

# 2. BUTTON FUNCTIONS



Resetting zero  
in absolute measurements

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/O/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/O/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/O/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.



MICROTECH

PRECISION MICROMETER



## 4. INSTRUMENT FIGURE



Change without prior notice

since 1995



[www.microtech.ua](http://www.microtech.ua)



made in Ukraine



ISO 17025



ISO 9001:2015

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