



MICROTECH

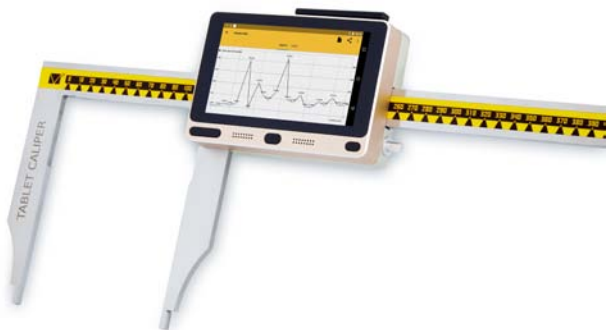
PRECISION TOOLS MANUFACTURING SINCE 1995

PRECISION TABLET CALIPER

MICROTECH

Patent #100613

Serial N°



ISO 17025:2005 (cert. N° 4K051)



Quality management system
ISO 9001:2015 (cert. N° U228396)

www.microtech.ua

1 MAIN SPECIFICATIONS

Item №	Range, mm	Resolution, mm	Force, N	Max error, mm
14109805X	0-500	0.001	20	±0.020
14109810X	0-1000	0.001	20	±0.030
14109815X	0-1500	0.001	20	±0.030
14109820X	0-2000	0.001	20	±0.040

Operating conditions from +10 °C to +35 °C.

*Optionally Tablet caliper can be equipped with outside Pyrometer for Temperature compensation.

2 OPERATING INSTRUCTIONS

2.1 If necessary, charge the battery of Tablet caliper. During a using see status of battery on screen of Tablet.

2.2 For switch on press **SWITCH ON** button during 3 sec- the indicator will starting. Software will loading during 30 sec. Sometimes for data showing it's necessary press **Button A** once

2.3 For switch off press **SWITCH ON** button during 3 sec. For energy saving mode press **SWITCH ON** button once.

2.4 For zero setting press **ZERO** button inside software. Or **Button A** during 2 sec.



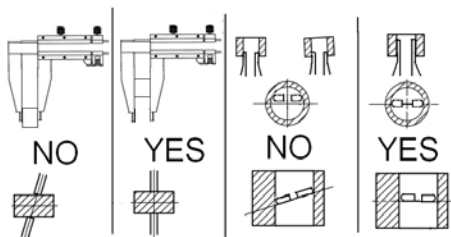
2.5 Information about functions and using MICROTECH Software available on www.microtech.ua.

2.6 This Tablet caliper equipped with **Built-in Wireless data** output module for transfer measuring results to Android devices or Windows PC (on these devices must be installed MICROTECH SPC software).

2.7 Also you can connect other Wireless MICROTECH devices to this caliper for receiving and collecting data. (It's necessary to switch on Bluetooth module throw Android settings).

2.8 During the measurement, measuring jaws should to sum to the measured object without knocking.

2.9 During the measurement avoid warps of measuring surfaces of the instrument. Measuring surface must be fully in contact with the measurement object.



WARNING!

IN THE PROCESS OF WORKING WITH CALIPERS SHOULD BE AVOIDED:

Scratches on the measuring surfaces;

Measuring the size of object in the process of machining;

Shocks or dropping, avoid bending of rod or other surfaces.

3 WARRIANTY

MICROTECH guarantees within the warranty period of 12 months.

Detailed information is available at: www.microtech-ua.com/warranty

Director MICROTECH, Ph.d. _____/Boris Kramarenko/

CALIBRATION PROTOCOL

Item No _____ Serial No _____
Measuring range _____ mm Resolution 0,001 mm
Reference temperature ____ °C Calibration date _____

Results	Nominal	Measured	Max. error
	mm	mm	mm
External measurement	0,0		
	21,2		
	30,0		
	41,3		
	51,4		
	71,5		
	101,6		
	126,8		
	131,4		
	175,6		
	225,7		
	243,5		
	281,2		
	400,0		
500,0			
Parallelism of measuring surfaces			
Flatness of measuring surfaces			

Roughness of measuring surfaces $R_a < 0.32 \mu\text{m}$

Head of the MICROTECH calibration lab. _____ /Tatyana Guz/