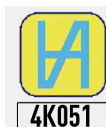




TRANSFORMER INTELLIGENT MICROMETER MICROTECH



ISO/IES 17025:2006 (cert. № 4K051)



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





1.MODIFICATIONS

Item No	Range	Resolution	Accuracy	Modules	Math error compensation	Temperature compensation	Internal memory	Indication	Data output
	mm	mm	mm				value		
110160155	1000-1500	0,0001	$\pm 0,028$	2	+	+	100	Touchscreen 1,5"	Wireless+USB
110160205	1500-2000	0,0001	$\pm 0,032$	2	+	+	100		Wireless+USB
110160305	2000-3000	0,0001	$\pm 0,050$	3	+	+	100		Wireless+USB
110160405	3000-4000	0,0001	$\pm 0,060$	4	+	+	100		Wireless+USB
110160505	4000-5000	0,0001	$\pm 0,075$	5	+	+	100		Wireless+USB
110160605	5000-6000	0,0001	$\pm 0,090$	6	+	+	100		Wireless+USB
110160705	6000-7000	0,0001	$\pm 0,105$	7	+	+	100		Wireless+USB
110160805	7000-8000	0,0001	$\pm 0,120$	8	+	+	100		Wireless+USB
110160905	8000-9000	0,0001	$\pm 0,135$	9	+	+	100		Wireless+USB
110161005	9000-10000	0,0001	$\pm 0,150$	10	+	+	100		Wireless+USB

2.BUTTON FUNCTIONS



RESET button

(push once with a niddle)

SWITCH ON button.

• Push 5 sec for switch on micrometer

Push 1 sec to come to sleeping mode (or 30 sec non use)

Push 1 sec to come from sleeping mode (or rotate spindle)

Push 5 sec for switch off micrometer (or 15 min non use)

3.WIRELESS (BLUETOOTH) CONNECTION

3.1 All MICROTECH Intelligent instruments has internal memory.

You can collect data to memory and when it will be neccesery transfer all data to the peripheral device with no data loosing.

So distance of data transfer can be unlimited!!!

Also it's possible transfer data, like in Wireless instruments up to 10 m.

3.2 MICROTECH Wireless instruments has 2 modes of data transfer:

STANDART MODE (non stop data transfer 4data/sec)

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

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





4. OPERATION INSTRUCTIONS

4.1 Complete micrometer (according video instruction on www.microtech.ua)

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

4.3 Turn on micrometer by pressing **SWITCH ON** button (5 sec.).

4.4 Pre-setting

Pre-set micrometer to basing value with setting gauge (1500mm).

-Contact with setting gauge measuring surfaces of the anvil and the spindle, using the ratchet and take a measurement.

-For setting value, press the **ZERO** button on Touchscreen.

-On Transformer micrometer we use 50 mm range micrometer head, so setting value will be near 50.000mm (can be other value according calibration in metrological laboratory, for example 49.980 or other.)

4.5 Measuring process.

Start measuring process after pre-setting.

Use interchangeable anvils to make measurings according table recommendations.

Range	Anvils
mm	mm
1000-1050	300+100+50
1050-1100	300+100
1100-1150	300+50
1150-1200	300
1200-1250	200+50
1250-1300	200
1300-1350	100+50
1350-1400	100
1400-1450	50
1450-1500	-

4.6 See video instruction about completing micrometer and measuring process on www.microtech.ua





5. INSTRUMENT FIGURE



15 minutes for assembling

