ISO 17025
CALIBRATION

IP65

1µm

FRICTION
THIMBLE

HOLD
FUNCTION

DIGITAL MICROMETER IP65

USER MANUAL

ISO17025:2017

ISO 9001
BUREAU VERITAS
Certification

ISO 9001:2015

▼ MICROTECH

PRECISION DIGITAL MICROMETER IP65

Item No	Range		Resolution	Accuracy	Micrometer head	Protection class
	mm	inch	mm	µm		
110180254	0-25	0-1"		±2		
110180504	25-50	1-2"		±2		
110180754	50-75	2-3"	0,001	±2	friction	IP65
110181004	75-100	3-4"		±3		
110181254	100-125	4-5"		±4		
110181504	125-150	5-6"		±4		

DOUBLE RANGE DIGITAL MICROMETER IP65

Item No	Range		Resolution	Accuracy	Micrometer head	Anvils types	Protection class
	mm	inch	mm	µm			
110180514	**0-50**	0-2"	0,001	±3	friction	D 6.5mm	IP65
110181014	**50-100**	2-4"		±4	rotating		IP65

NON ROTATING SPINDLE DIGITAL MICROMETER IP65

Item No	Range		Resolution	Accuracy	Micrometer head	Anvils types	Protection class
	mm	inch	mm	µm			
110700254	0-25	0-1"	0,001	±2	friction	D 7.5mm	IP65
110700504	25-50	1-2"		±2	non-rotating		
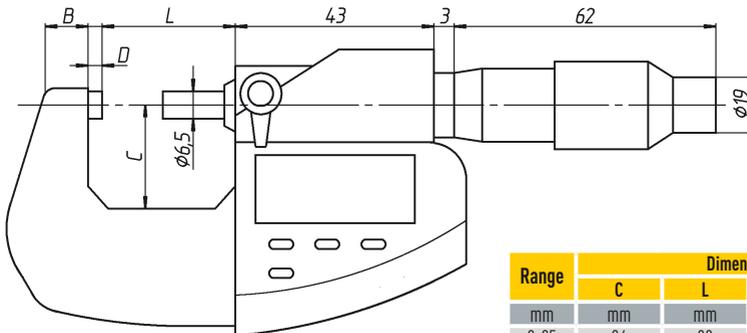
Range	Dimensions*			
	C	L	B	D
mm	mm	mm	mm	mm
0-25	24	32	7	3
25-50	33	56	8	3
50-75	48	85	12	3
75-100	60	112	12	3
100-125	73	135	14	3
125-150	86	160	16	3

*Precision digital micrometer draw

FUNCTION

SET

Resetting zero
in absolute measurements

O/MODE

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

HOLD

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

UNIT

Switching between metric
and English measurement
systems
Long press for Swicth off

OPERATION

1.Clean the oil from the measuring surfaces of micrometer by cloth.
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 **SET** button for setting 0.000 .
3 Turn on the display by pressing **O/MODE** button.
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.
5 Press the **O/MODE** or **SET** button and hold it to reset to Zero.
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.
7 After switching on, the display shows in absolute or relative terms. Press **O/
MODE** button to switch between absolute and relative measurement
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.
9 This micrometer has auto switch off function (10 min non using) ot press **UNIT**
button during 2 sec. to switch off.
10 After work the measuring surfaces of the micrometer wipe with a cloth and
apply anticorrosive oil.

WARNING !

- 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
0-25mm 0-1'
IP65

5.238

SET UNIT HOLD
0/MODE

MICROTECH
0-25mm 0-1'
IP65

3.238

SET UNIT HOLD
0/MODE

NON-ROTATING
SPINDLE

MICROTECH®
0-50mm 0.001mm
Made in Ukraine

5.238

SET mm/in HOLD
ON/ABS

Change without prior notice