

**ISO 17025**  
CALIBRATION



# INTERNAL MICROMETER

## USER MANUAL



ISO 17025:2017

ISO 9001  
BUREAU VERITAS  
Certification

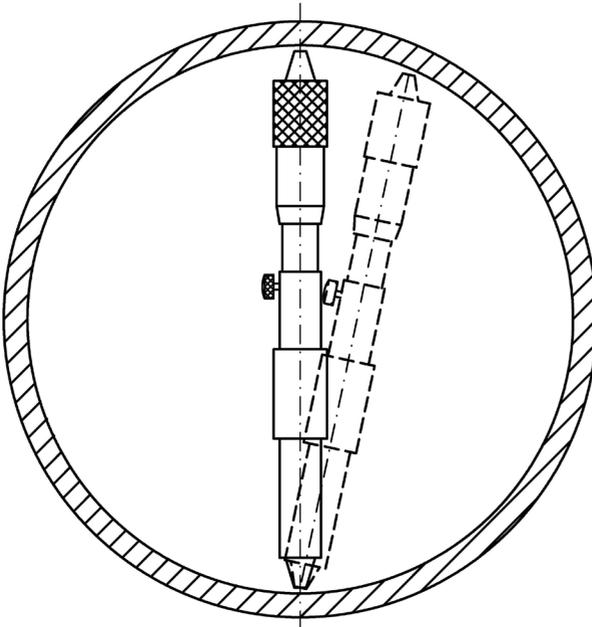


ISO 9001:2015

# MODIFICATIONS

Item No	Range	Resolution	Accuracy	Extention rods	Standard gauge	Calibration
	mm	mm	mm	mm		ISO 17025
132005030	50-300	0,01	±0,008	13, 25, 50 (2pcs), 100	+	+
132005060	50-600		±0,015	13, 25, 50, 100, 150, 200	+	+
132005100	50-1000		±0,020	13, 25, 50, 100 (2pcs), 150, 200, 300	+	+
132005150	50-1500		±0,025	13, 25, 50, 100 (2pcs), 150, 200 (2pcs), 300 (2pcs)	+	+
132005200	1000-2000		±0,030	50, 100 (2pcs), 200, 500	-	+
132005300	1000-3000		±0,050	50, 100 (2pcs), 200, 500, 1000	-	+
132005400	1000-4000		±0,060	50, 100 (2pcs), 200, 500, 1000 (2pcs)	-	+
132005500	1000-5000		±0,080	50, 100 (2pcs), 200, 500, 1000 (3pcs)	-	+

# MEASURING



# OPERATION INSTRUCTIONS

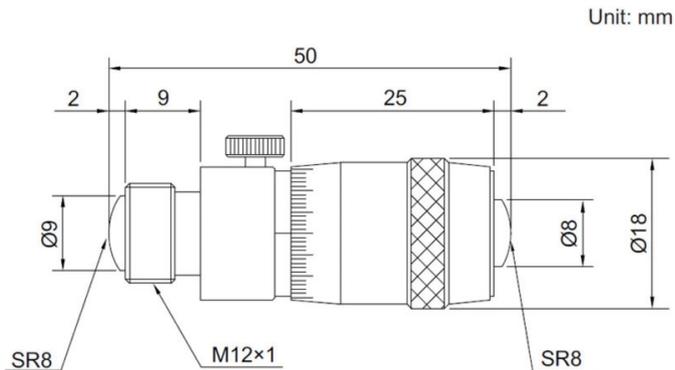
Clean the oil from the measuring surfaces of micrometer by cloth.  
For internal micrometers with range up to 1500mm use Standard gauge to set size on micrometer head.  
Internal micrometers with range over 2000mm has presetted 1000mm micrometer head on measuring machine.  
If necessary use measuring machine or high accuracy micrometer to check correct micrometer head setting  
Combine extension rods to make wide range internal measurements.  
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.  
After work the measuring surfaces of the micrometer wipe with a cloth and apply anticorrosive oil.



## WARNING !

- 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.

## MICROMETER HEAD



ranges up to 1500mm

# INSTRUMENT FIGURE



\* design of 600mm version



\* design of 2000mm version