Micrometer

The origin of Mitutoyo's trustworthy brand of small tool instruments

Outside Micrometers SERIES 102

- Heat-insulated frame.
- Cut-away frame (behind anvil) for measuring in hard-to-reach places.
- A ratchet stop or a friction thimble for a constant measuring force.
- Measuring faces: Carbide.







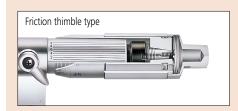


An inspection certificate is supplied as standard.

Refer to page U-11 for details

Common specifications: Measuring force: 5-10 N

Standard accessories: Reference bar, 1 pc.



SPECIFICATIONS

Metric Metric							
	Order No.	Range (mm)	Graduation (mm)	Maximum permissible error J _{MPE} * (μm)	Flatness (µm)	Parallelism (µm)	Constant-force device
	102-301	0 - 25	0.01	±2	0.6	2	Ratchet stop
Ī	102-302	25 - 50	0.01				

^{*} Maximum permissible error of the indication measured by contacting the full measuring face with the object to be measured. JMPE is a term specified by JIS B 7502: 2016 which has been prepared based on ISO 3611: 2010 with some modifications of the technical contents.

The measurement method has not been changed from JIS B 7502: 1994. For details refer to B-74.

 Metric						
Order No.	Range (mm)	Graduation (mm)	Accuracy (µm)	Flatness (µm)	Parallelism (µm)	Constant-force device
102-311	0 - 25	0.001	±1	0.3	1	Ratchet stop
102-313						friction thimble
102-312	25 - 50					
102-303	50 - 75	0.01	±2	0.6	2	Ratchet stop
102-304	75 - 100	0.01	±3	0.6	3	·

Metric	, Micrometer set		
Order No.	Range (mm)	Models included	
102-911-40	0 - 100 (Four micrometers per set)	• 102-301 102-302 102-303 102-304 • 3 micrometer standards	

DIMENSIONS

