Mitutoyo

Catalogue No. MAP 20



MEASURING INSTRUMENTS CATALOGUE



Mitutoyo Asia Pacific

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.
- Equipped with Ratchet Stop for constant measuring force.
- Measuring faces: Carbide.
- In addition to standard specification, a non-rotating spindle type tooth thickness micrometer (refer to page B-35 for details) is also available.









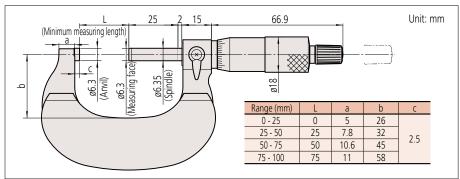
SPECIFICATIONS

Metric	ı					
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
102-302	25 - 50					

Metric						
Order No.	Range (mm)	Graduation (mm)	Maximum permissible error J _{MPE} (µm)	Flatness (µm)	Parallelism (µm)	Constant-force device
102-311 102-313	0 - 25	0.001	±1	0.3	1	Ratchet stop 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	0.0	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





Common specifications

• Measuring force: 5 to 10 N

 Standard accessories: Reference bar, 1 pc. (except for measuring range 0 to 25 mm models)
Spanner (301336), 1 pc. (for measuring range 0 to 25 mm/25 to 50 mm models)
Spanner (200877), 1 pc. (for measuring range 50 to 75 mm/75 to 100 mm models)



