

Micrometer

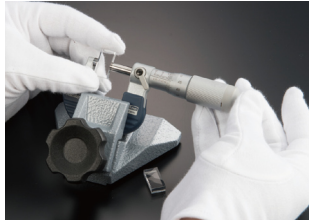
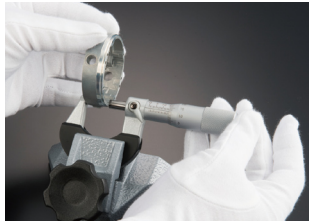
The origin of Mitutoyo's trustworthy brand of small tool instruments

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.



Ratchet stop
102-301



An inspection certificate is supplied as standard. Refer to page X for details.

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

Ratchet stop type



Friction thimble type



SPECIFICATIONS

Metric

Order No.	Range	Graduation	Maximum permissible error J_{MPE}	Flatness	Parallelism	Constant-force device
102-301	0 - 25 mm	0.01 mm	$\pm 2 \mu\text{m}$	0.6 μm	2 μm	Ratchet stop
102-302	25 - 50 mm					

Metric

Order No.	Range	Graduation	Accuracy	Flatness	Parallelism	Constant-force device
102-311	0 - 25 mm	0.001 mm	$\pm 1 \mu\text{m}$	0.3 μm	1 μm	Ratchet stop
102-313						friction thimble
102-312	25 - 50 mm	0.01 mm	$\pm 2 \mu\text{m}$	0.6 μm	2 μm	Ratchet stop
102-303	50 - 75 mm					
102-304	75 - 100 mm					

Metric

Micrometer set

Order No.	Range	Models included
102-911-40	0 - 100 mm (Four micrometers per set)	<ul style="list-style-type: none"> • 102-301 • 102-302 • 102-303 • 102-304 • 3 micrometer standards

DIMENSIONS

