

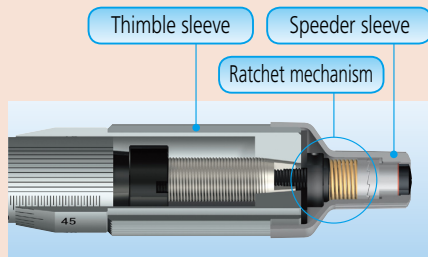


An inspection certificate is supplied as standard.  
Refer to page X for details.

## Technical Data

Flatness: 0.6µm/0.00024"  
Parallelism: 2µm/0.0008"  
Measuring force: 5-10N  
Standard accessories: Reference bar, 1 pc  
(except for measuring range 0-25mm (0-1") models)  
Spanner (301336), 1 pc

## Internal structure

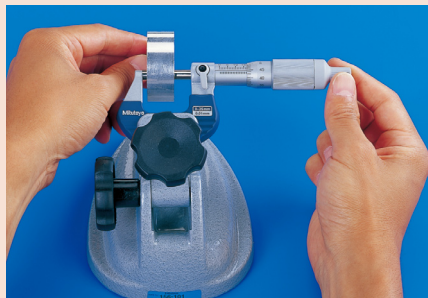
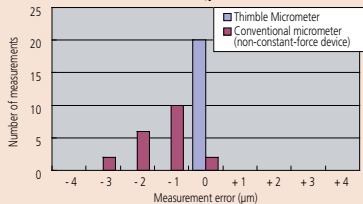


## Greatly improved accuracy and repeatability

### Measurement results of one-handed operation

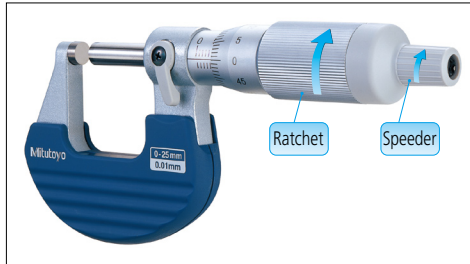
A beginner performed a test by measuring a workpiece 20 times using a conventional micrometer and a Ratchet Thimble Micrometer.

Table showing results of test

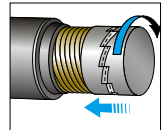


## Ratchet Thimble Micrometer SERIES 102 — Outside Micrometers

- More accurate in one-handed operation: inexperienced operators measure significantly more accurately with the new micrometer.
- Ratchet function works both from the thimble and the speeder.



- Rotating the thimble/speeder when the workpiece is between the anvil and spindle causes the ratchet mechanism to operate and apply a constant measuring force to the workpiece.
- Clearly audible ratchet operation for reassurance that measurement is being performed at constant, preset force.
- The speeder is always available for quick rotation of spindle.
- A simple mechanism, which requires neither parts maintenance nor special technique, is employed in the constant-force device.
- Heat-insulated frame.
- Measuring faces: Carbide



## SPECIFICATIONS

Metric				
Order No.	Range	Graduation	Accuracy	Mass
102-701	0 - 25mm	0.01mm	±2µm	180g
102-707		0.001mm		
102-702	25 - 50mm	0.01mm		270g
102-708		0.001mm		

Inch				
Order No.	Range	Graduation	Accuracy	Mass
102-717	0 - 1"	.0001"	±.0001"	180g
102-718	1" - 2"	.0001"		270g

## DIMENSIONS

