

Micrometer

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

Tube Micrometers SERIES 395, 115, 295

- Measuring faces: Carbide (115-101: only the spindle is carbide tipped.)
- series 395: IP65 digital spherical-flat anvil type micrometer.
- Equipped with Ratchet Stop for constant measuring force.



SPECIFICATIONS

Metric				
Order No.	Range	Resolution	Accuracy*	∅D
Digimatic (LCD)				
395-251-30	0 - 25mm	0.001mm	±2μm	∅15
395-252-30	25 - 50mm			∅19
395-253-30	50 - 75mm			∅20
395-254-30	75 - 100mm			∅20

* Excluding quantizing error

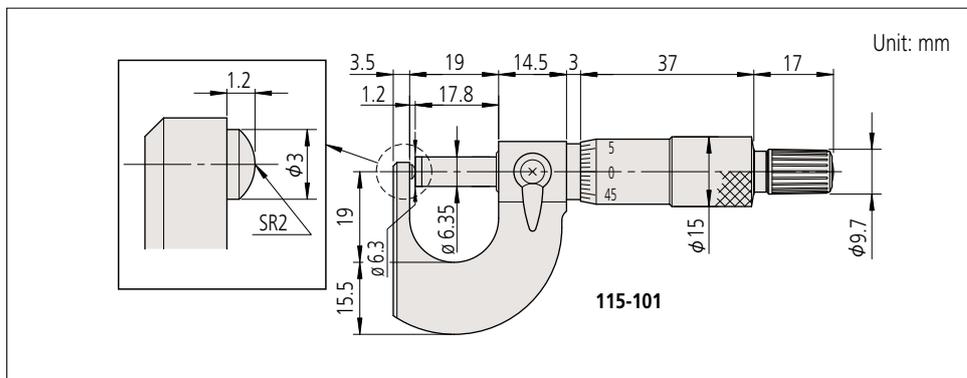
Metric				
Order No.	Range	Graduation	Accuracy	∅D
Analog				
115-101	0 - 15mm	0.01mm	±3μm	∅5.5
115-115	0 - 25mm			∅10
115-116	25 - 50mm			∅11
115-117	50 - 75mm			∅17
115-118	75 - 100mm			∅18
Mechanical counter model				
295-115	0 - 25mm		±3μm	∅10

Inch/Metric				
Order No.	Range	Resolution	Accuracy*	∅D
Digimatic (LCD)				
395-351-30	0 - 1"	.00005" / 0.001mm	±.0001"	∅.59"
395-352-30	1" - 2"			∅.75"
395-353-30	2" - 3"			∅.79"
395-354-30	3" - 4"			∅.79"

* Excluding quantizing error

Inch				
Order No.	Range	Graduation	Accuracy	∅D
Analog				
115-153	0 - 1"	.0001"	±.00015"	∅.40"
Mechanical counter model				
295-153	0 - 1"	.0001"	±.00015"	∅.40"

DIMENSIONS



These marks indicate that a product has successfully passed IP65-level testing, which is carried out by the independent German certification organization TÜV Rheinland.



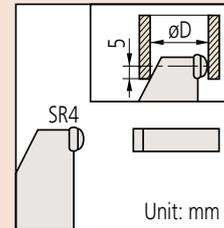
(Refer to page X for details.)

IP Codes (series 395)

- Level 6: Dust-proof.
No ingress of dust allowed.
- Level 5: Protected against water jets.
Water projected in jets against the enclosure from any direction shall have no harmful effects.

Technical Data

Flatness: 0.6μm/.000024" (series 115 & 295)
0.3μm/.000012" (series 395)



Battery for series 395

SR44 (1 pc), 938882, for initial operational checks (standard accessory)
Battery life: Approx. 2.4 years under normal use (for series 395)
Length standard: Electromagnetic rotary sensor (for series 395)
Standard accessories: Reference bar, 1 pc (except for measuring range 0-15mm/0-25mm (0-1") models)
Spanner (200168), 1 pc (for series 115-101)
Spanner (301336), 1 pc (for models other than series 115-101)

Optional accessories

Connecting cables for series 395
1m: 05CZA662
2m: 05CZA663
USB Input Tool Direct
USB-ITN-B (2m): 06ADV380B
Connecting cables for U-WAVE-T
02AZD790B 160mm
For foot switch: 02AZE140B
Refer to page B-68 for details.