

Micrometer

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

Tube Micrometers SERIES 395, 115, 295

MeasurLink® ENABLED
Data Management Software by Mitutoyo

- 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

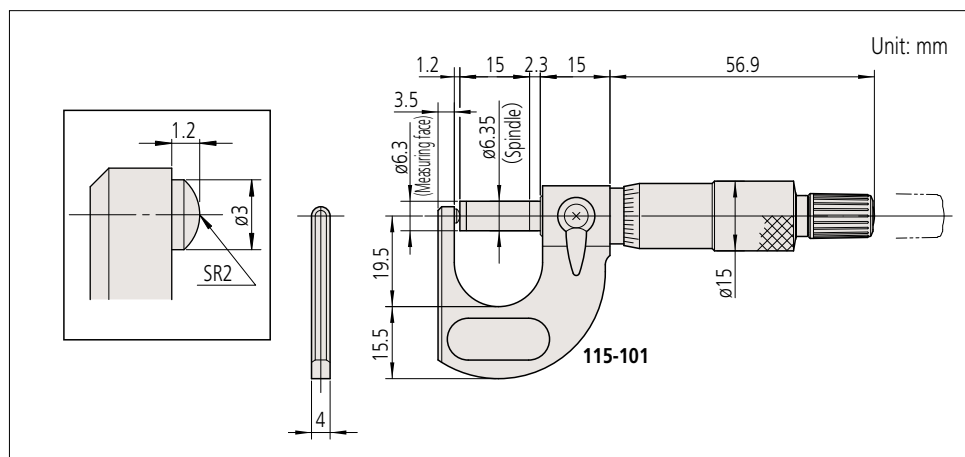
Metric				
Order No.	Range	Resolution	Accuracy*	øD
Digimatic (LCD)				
395-251-30	0 - 25 mm	0.001 mm	±2 µm	ø15
395-252-30	25 - 50 mm			ø19
395-253-30	50 - 75 mm		±3 µm	ø20
395-254-30	75 - 100 mm			ø20

* Excluding quantizing error of ±1 count

Metric				
Order No.	Range	Graduation	Accuracy	øD
Analog				
115-101	0 - 15 mm	0.01 mm	±3 µm	ø5.5
115-115	0 - 25 mm			ø10
115-116	25 - 50 mm			ø11
115-117	50 - 75 mm		ø17	
115-118	75 - 100 mm		±4 µm	ø18
Mechanical counter model				
295-115	0 - 25 mm		±3 µm	ø10

Note: For the function of **series 395**, refer to page B-8.
Also, other than the waterproof type only the connection cable (option) cannot be used.

DIMENSIONS



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Products equipped with the measurement data output function can be connected to the measurement data network system MeasurLink (refer to page A-5 for details).

IP 65

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.

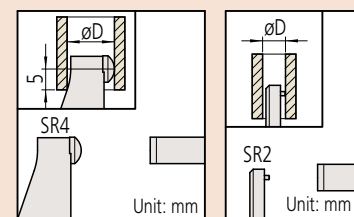
No ingress of dust allowed.

Level 5: Protected against water jets.

Water projected in jets against the enclosure from any direction shall have no harmful effects.

Technical Data

Flatness: 0.6 µm / 0.000024 in (**series 115 & 295**)
0.3 µm / 0.000012 in (**series 395**)



Other than **115-101**

115-101

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 0-15 mm / 0-25 mm (0-1 in) 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**

1 m: **05CZA662**

2 m: **05CZA663**

USB Input Tool Direct

USB-ITN-B (2 m): **06AFM380B**

Wireless data output **U-WAVE/fir**

U-WAVE-TM **264-622** (IP67 type)

264-623 (Buzzer type)

Connecting unit for U-WAVE-TM

02AZF310 (IP67 type)

Refer to page A-15 for details