

Micrometer

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

Tube Micrometers SERIES 395, 115, 295 — Spherical and Cylindrical Anvil Type

MeasurLink¹ ENABLED
Data Management Software by Mitutoyo

- Spindle face: Carbide.
- **Series 395:** IP65 spherical and cylindrical anvil type digital micrometers.

- Equipped with Ratchet Stop for constant measuring force.



SPECIFICATIONS

Metric				
Order No.	Range (mm)	Resolution (mm)	Maximum permissible error J_{MPE} (μ m)	Remarks
Digimatic (LCD)				
395-261-30	0 - 25	0.001	± 3	Type A
395-262-30				Type B
395-263-30				Type C
395-264-30				Type D

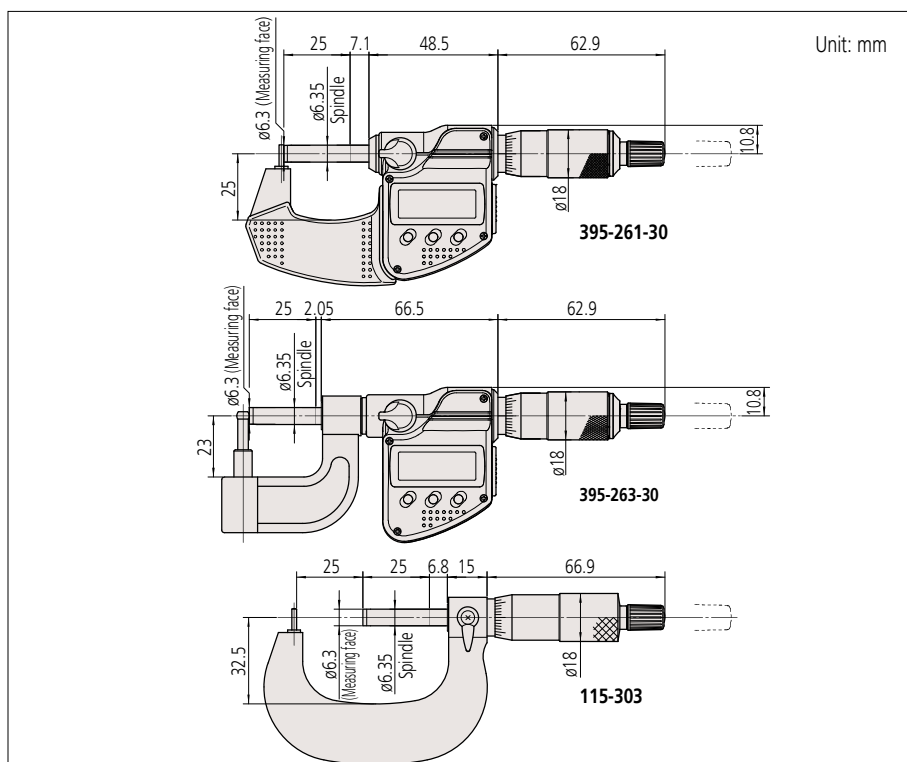
Inch / Metric				
Order No.	Range (in)	Resolution	Maximum permissible error J_{MPE} (in)	Remarks
Digimatic (LCD)				
395-362-30	0 - 1	0.00005 in/ 0.001 mm	± 0.00015	Type B
395-363-30				Type C
395-364-30				Type D

Metric				
Order No.	Range (mm)	Graduation (mm)	Maximum permissible error J_{MPE} (μ m)	Remarks
Analog				
115-302	0 - 25	0.01	± 3	Type A
115-308				Type B
115-303	25 - 50			Type A
115-309				Type B
115-315	0 - 25	Type C		
115-316		Type D		

Inch				
Order No.	Range (in)	Graduation (in)	Maximum permissible error J_{MPE} (in)	Remarks
Analog				
115-305	0 - 1	0.001	± 0.00015	Type A
115-313				Type C
115-314		0.0001		Type D

Note: For functional details of **series 395** refer to page B-8.
Optional connecting cable is available only for water-proof type (Digimatic model).

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).



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



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.

Type A (pin)



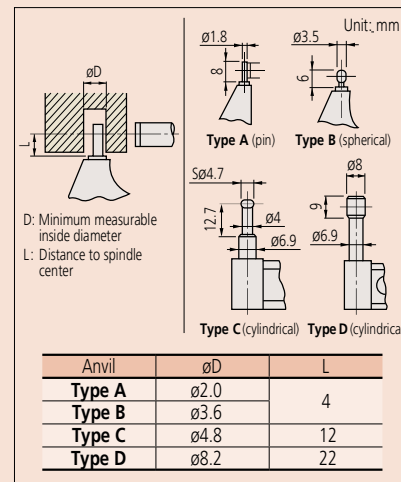
Type B (spherical)



Type C (cylindrical)



Type D (cylindrical)



Technical Data

- 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 to 25 mm (0 to 1 in) models)
Spanner (**301336**), 1 pc.

Optional Accessories

- Connecting cables for **series 395**
1 m: **05CZA662**
2 m: **05CZA663**
- USB Input Tool Direct
USB-ITN-B (2 m): **06AFM380B**
- **U-WAVE-T** dedicated connection cable
160 mm: **02AZD790B**
For foot switch: **02AZE140B**
Refer to page A-27 for details.

Wireless Data Output **U-WAVE**

- **U-WAVE-TM 264-622** (IP67 type)
264-623 (Buzzer type)
- **U-WAVE-TMB** Transmitter
Mitutoyo Bluetooth® U-WAVE 264-626 (IP type)
264-627 (Buzzer type)
Refer to page A-16 for details.
- Connecting unit for **U-WAVE-TM/TMB 02AZF310** (IP67/buzzer type common specification)
Refer to pages A-16 and A-18 for details.