



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.)

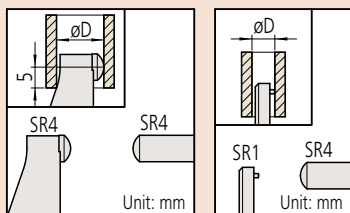
IP Codes (series 395)

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.



Other than 115-201

115-201

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 115-201)

Spanner (301336), 1 pc (for models other than series 115-201)

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**

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

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

MeasurLink[®] ENABLED

Data Management Software by Mitutoyo

- Measuring faces: Carbide.
(**115-201**: only the spindle is carbide tipped.)
- series 395: IP65 spherical anvil and spindle type digital micrometer.
- Equipped with Ratchet Stop for constant measuring force.



SPECIFICATIONS

Metric				
Order No.	Range	Resolution	Accuracy*	øD
Digimatic (LCD)				
395-271-30	0 - 25 mm	0.001 mm	±2 μm	ø15
395-272-30	25 - 50 mm			ø19
395-273-30	50 - 75 mm			ø19
395-274-30	75 - 100 mm			ø20

* Excluding quantizing error of ±1 count

Metric				
Order No.	Range	Graduation	Accuracy	øD
Analog				
115-201	0 - 15 mm	0.01 mm	±3 μm	ø5.5
115-215	0 - 25 mm			ø10
115-216	25 - 50 mm			ø11
115-217	50 - 75 mm			ø17
115-218	75 - 100 mm		±4 μm	ø18
Mechanical counter model				
295-215	0 - 25 mm	0.01 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.

Inch/Metric				
Order No.	Range	Resolution	Accuracy*	øD
Digimatic (LCD)				
395-371-30	0 - 1 in	0.00005 in/ 0.001 mm	±0.0001 in	ø0.59 in
395-372-30	1 - 2 in			ø0.75 in
395-373-30	2 - 3 in			ø0.75 in
395-374-30	3 - 4 in			ø0.79 in

* Excluding quantizing error of ±1 count

Inch				
Order No.	Range	Graduation	Accuracy	øD
Analog				
115-253	0 - 1 in	0.0001 in	±0.00015 in	ø0.40 in
115-242	1 - 2 in	0.001 in		ø0.44 in
115-243	2 - 3 in			ø0.67 in
Mechanical counter model				
295-253	0 - 1 in	0.0001 in	±0.00015 in	ø0.40 in

DIMENSIONS

