MeasurLink ENABLED

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.



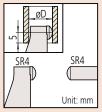
## IP Codes (series 395)

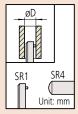
Level 6: Dust-proof.

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.







Other than 115-201

115-201

#### **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 15 mm/0 to 25 mm (0 to 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 • U-WAVE-T dedicated connection cable 160 mm: 02AZD790B

For foot switch: 02AZE140B Refer to page A-27 for details.

#### Wireless Data Output u-wavem

- 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.

# **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 (mm)	Resolution (mm)	Maximum permissible error JMPE (µm)	øD				
Digimatic (LCD)								
395-271-30	0 - 25		±2	ø15				
395-272-30	25 - 50	0.001		כוש				
395-273-30	50 - 75	0.001		ø19				
395-274-30	75 - 100		±3	ø20				

395-274-30	/5 - 100		±3	ØZU		
Matuia					Inch	
Metric						
Order No.	Range	Graduation	Maximum permissible	øD	Order No	
Order No.	(mm)	(mm)	error J <sub>MPE</sub> (µm)	טש	Analog	
Analaa			(μπ)		115-253	
Analog		1			115-242	
115-201	0 - 15			ø5.5	115-243	
115-215	0 - 25		±3	ø10	Mechanical c	
115-216	25 - 50	0.01	±3	ø11	295-253	
115-217	50 - 75			ø17		
115-218	75 - 100		±4	ø18		
Mechanical counter model						

295-215	0 - 25	0.01	±ځ	ø10	
Note: For function	onal details of	series 395	refer to pag	ge B-8.	
Optional o	connecting cal	ble is availab	le only for v	vater-proof	type (Digimatic model).

Inch/Metric	ı				
Order No.	Range (in)	Resolution	Maximum permissible error JMPE (in)	øD (in)	
Digimatic (LCD)					
395-371-30	0 - 1			ø0.59	
395-372-30	1 - 2	0.00005 in/	±0.0001	Ø0.59	
395-373-30	2 - 3	0.001 mm		ø0.75	
395-374-30	3 - 4		±0.00015	ø0.79	

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

### **DIMENSIONS**

