Micrometer

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

Outside Micrometers
SERIES 406 — Non-Rotating Spindle Type

MeasurLink® ENABLED
Data Management Software by Mitutoyo

- Non-rotating spindle.
- Measuring face of the spindle is carbide tipped.
- Spindle ø6.35 mm

- Equipped with Ratchet Stop for constant measuring force.

406-250-30

MeasurLink® ENABLED
Data Management Software by Mitutoyo

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).

Technical Data
Battery: **SR44** (1 pc.), **938882**, for initial operational checks (standard accessory)
Battery life: Approx. 2.4 years under normal use
Length standard: Electromagnetic rotary sensor
Standard accessories: Reference bar, 1 pc.
(except for measuring range 0-25 mm (0-1 in) models)
Spanner (**301336**), 1 pc.

Optional Accessories
Connecting cables
   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-25 for details.

Wireless Data Output U-WAVE fit
U-WAVE-TM 264-622 (IP67 type)
            264-623 (Buzzer type)
Connecting unit for **U-WAVE-TM**
02AZF310 (IP67/buzzer type common specification)
Refer to page A-15 for details.

Metric

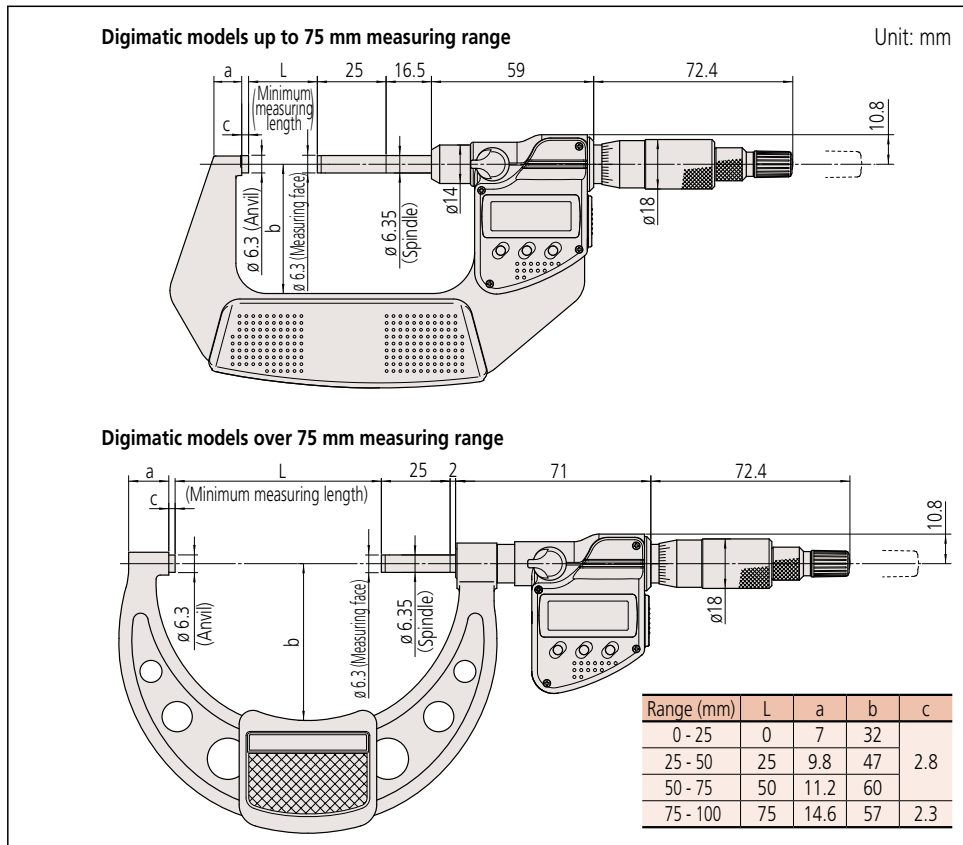| Order No.	Range (mm)	Resolution (mm)	Accuracy* (µm)	Flatness (µm)	Parallelism (µm)
406-250-30	0 - 25				
406-251-30	25 - 50	0.001	±3	0.3	3
406-252-30	50 - 75				
406-253-30	75 - 100		±4		4

* Excluding quantizing error of ±1 count
Note: For functional details of **series 406**, refer to page B-8. Please note that these models are not water-proof.

Inch / Metric

Order No.	Range (in)	Resolution	Accuracy* (in)	Flatness (in)	Parallelism (in)
406-350-30	0 - 1				
406-351-30	1 - 2	0.00005 in/ 0.001 mm	±0.00015	0.000012	0.00012
406-352-30	2 - 3				
406-353-30	3 - 4		±0.0002		0.00016

* Excluding quantizing error of ±1 count

DIMENSIONS

Digimatic models up to 75 mm measuring range   Unit: mm

Digimatic models over 75 mm measuring range

Range (mm)	L	a	b	c
0 - 25	0	7	32	
25 - 50	25	9.8	47	2.8
50 - 75	50	11.2	60	
75 - 100	75	14.6	57	2.3