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

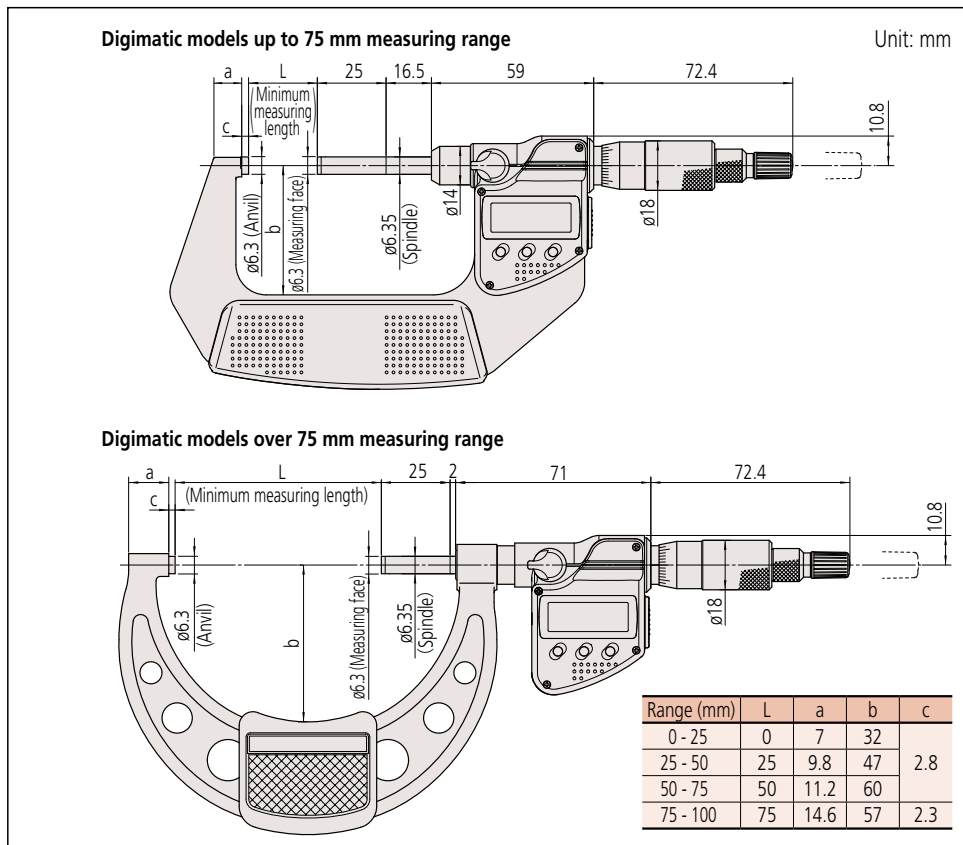**MeasurLink® ENABLED**
Data Management Software by Mitutoyo

Products equipped with the measurement data output function can be connected to the measurement data network system MeasurLink® (refer to page A-25 for details).

B

Metric

Order No.	Range (mm)	Resolution (mm)	Maximum permissible error J_{MPE} (µm)	Flatness (µm)	Parallelism (µm)
406-250-30	0 - 25	0.001	±3	0.3	3
406-251-30	25 - 50		±3		3
406-252-30	50 - 75		±3		3
406-253-30	75 - 100		±4		4

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	Maximum permissible error J_{MPE} (in)	Flatness (in)	Parallelism (in)
406-350-30	0 - 1	0.00005 in/ 0.001 mm	±0.00015	0.000012	0.00012
406-351-30	1 - 2		±0.00015		0.00012
406-352-30	2 - 3		±0.00015		0.00012
406-353-30	3 - 4		±0.0002		0.00016

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

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 to 25 mm (0 to 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-21 for details.

Wireless Data Output U-WAVE fit
- **U-WAVE-TM 264-622** (IP67 type)
  264-623 (Buzzer type)
- **U-WAVE-TMB** Transmitter
  Mitutoyo *Bluetooth®* U-WAVE
  264-626 (IP67 type)
  264-627 (Buzzer type)
  Refer to page A-10 for details.
- Connecting unit for **U-WAVE-TM/TMB**
  02AZF310 (IP67/buzzer type common specification)
  Refer to pages A-10 and A-12 for details.