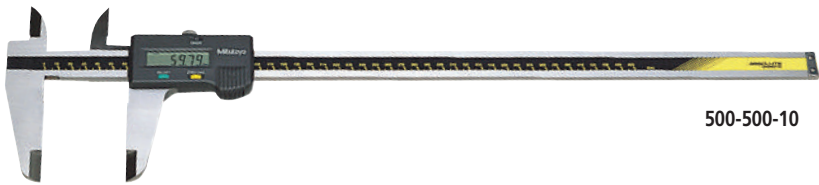


Calipers

Long ABSOLUTE Digimatic Caliper
SERIES 500 — with Exclusive ABSOLUTE Encoder Technology

- Long Digital caliper incorporating an ABSOLUTE scale and available with a measuring range from 450 mm to 1000 mm.
- Allows integration into statistical process control and measurement systems for models with measurement data output connector. (Refer to page A-3.)



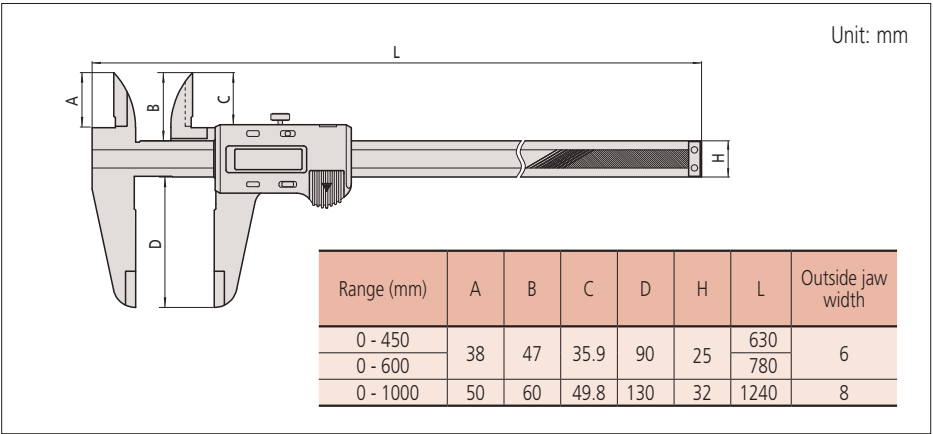
500-500-10

SPECIFICATIONS

Metric					
Order No.	Range (mm)	Maximum permissible error (mm)*		Resolution (mm)	Mass (g)
		EMPE	SMPE		
500-500-10	0 - 450	±0.05	±0.07	0.01	1170
500-501-10	0 - 600	±0.05	±0.07		1350
500-502-10	0 - 1000	±0.07	±0.09		3300
Inch / Metric					
Order No.	Range	Maximum permissible error*		Resolution	Mass (g)
		EMPE	SMPE		
500-505-10	0 - 18 in/0 - 450 mm	±0.002 in/±0.05 mm	±0.003 in/±0.07 mm	0.0005 in/0.01 mm	1170
500-506-10	0 - 24 in/0 - 600 mm				1350
500-507-10	0 - 40 in/0 - 1000 mm				3300

- Battery: SR44 (1 pc.), **938882**, for initial operational checks (standard accessory)
- Battery life: Approx. 3.5 years under normal use
- Max. response speed: Unlimited
- * Partial Surface Contact Error, EMPE and Shift Error, SMPE are terms (notations) used in ISO 13385-1:2019.

DIMENSIONS



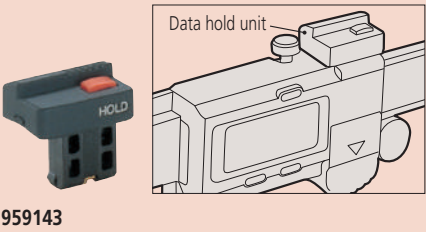
MeasurLink[®] ENABLED
Data Management Software by Mitutoyo

ABSOLUTE[™]

Optional Accessories

Order No.	Type	Description
959149	C	Connecting cables for IT/DP/MUX (1 m)
959150	C	Connecting cables for IT/DP/MUX (2 m)
06AFM380C	C	USB Input Tool Direct (2 m)
02AZD790C	C	Connecting cables for U-WAVE-T (160 mm)
02AZE140C	C	Connecting cables for U-WAVE-T

• Data hold unit



959143