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).

ABSOLUTE™ (Refer to page X for details.)

IP66 (Refer to page X for details.)

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(Refer to page X for details.)

ABSOLUTE Coolant Proof Carbon Fiber Caliper
SERIES 552 — with Standard jaws

MeasurLink® ENABLED
Data Management Software by Mitutoyo

- IP66 Absolute Digital Caliper (Refer to page D-8 for Absolute function.)
- Lightweight Digimatic Calipers that employ CFRP (Carbon Fiber Reinforced Plastics) in the beam.
- Allows integration into statistical process control and measurement systems for models with measurement data output connector. Refer to page A-3.

552-303-10

Technical Data

Accuracy: Refer to the list of specifications. (excluding quantizing error)
Resolution: 0.01 mm or0.0005 in/0.01 mm
Material of jaws: Stainless Steel Hardened
Display: LCD
Scale type: ABSOLUTE electromagnetic induction linear encoder
Max. response speed: Unlimited
Battery: **SR44** (1 pc), **938882**, for initial operational checks (standard accessory)
Battery life: Approx. 5,000 hours in continuous use
Dust/Water protection level: IP66 (IEC60529)*
Standard accessory: Jaw clamps (2 pcs.), 05GZA033
* Rustproofing shall be applied after use if caliper was in contact with coolant.

Functions

Zero-setting
Data hold
Offsetting
Presetting
Data output
Low-power and low-voltage alert
Counting value composition error
Automatic power on/off, inch/mm reading (inch/mm models)

SPECIFICATIONS

Metric

Order No.	Range*	Accuracy
552-302-10	0 - 450 mm (20.1 - 470 mm)	±0.04 mm
552-303-10	0 - 600 mm (20.1 - 620 mm)	±0.04 mm
552-304-10	0 - 1000 mm (20.1 - 1020 mm)	±0.05 mm
552-305-10	0 - 1500 mm (20.1 - 1520 mm)	±0.09 mm
552-306-10	0 - 2000 mm (20.1 - 2020 mm)	±0.12 mm

* ( ): Dimension in inside measurement

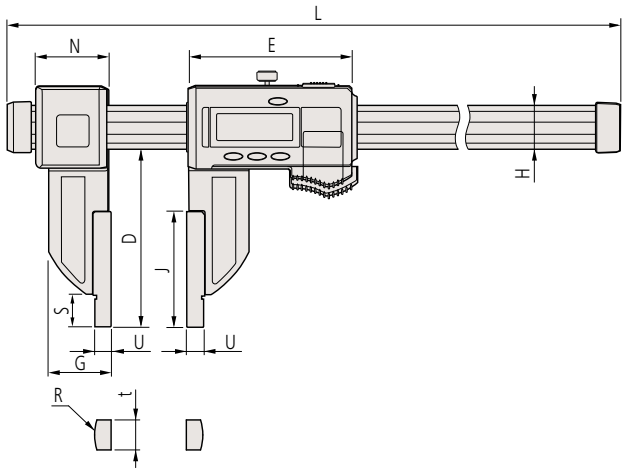
Inch/Metric

Order No.	Range*	Accuracy
552-312-10	0 - 18 in (0.504 - 18.5 in)	±0.002 in
552-313-10	0 - 24 in (0.504 - 24.5 in)	±0.002 in
552-314-10	0 - 40 in (1.004 - 40.5 in)	±0.002 in
552-315-10	0 - 60 in (1.004 - 60.5 in)	±0.004 in
552-316-10	0 - 80 in (1.004 - 80.5 in)	±0.005 in

* ( ): Dimension in inside measurement

DIMENSIONS

Unit: mm



Range	D	E	G	H	J	L	N	R	S	t	U
0-450 mm (0-18 in)	100	91.8	35	25	65	640	41.2	R10	18	8	10 (0.25 in)
0-600 mm (0-24 in)	100	91.8	35	25	65	790	41.2	R10	18	8	10 (0.25 in)
0-1000 mm (0-40 in)	150	113,8	45	32	100	1230	62.8	R10	24	8	10 (0.5 in)
0-1500 mm (0-60 in)	150	113.8	45	32	100	1740	62.8	R10	24	8	10 (0.5 in)
0-2000 mm (0-80 in)	150	113.8	45	32	100	2250	62.8	R10	24	8	10 (0.5 in)

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