

ABSOLUTE™ (Refer to page X for details.)

IP66 (Refer to page X for details.)

TÜVRheinland CERTIFIED (Refer to page X for details.)
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ID 0000022582

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

- 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 and jaws.
- 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: 0.01mm or .0005"/0.01mm
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
* This model is not waterproof type. Please wipe away the wet after use.

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 - 450mm (20.1 - 470mm)	±0.04mm	
552-303-10	0 - 600mm (20.1 - 620mm)	±0.04mm	
552-304-10	0 - 1000mm (20.1 - 1020mm)	±0.05mm	
552-305-10	0 - 1500mm (20.1 - 1520mm)	±0.09mm	
552-306-10	0 - 2000mm (20.1 - 2020mm)	±0.12mm	

* () : Dimension in inside measurement

Inch/Metric			
Order No.	Range*	Accuracy	
552-312-10	0 - 18" (.504 - 18.5")	±.002"	
552-313-10	0 - 24" (.504 - 24.5")	±.002"	
552-314-10	0 - 40" (1.004 - 40.5")	±.002"	
552-315-10	0 - 60" (1.004 - 60.5")	±.004"	
552-316-10	0 - 80" (1.004 - 80.5")	±.005"	

* () : Dimension in inside measurement

DIMENSIONS

