

ABSOLUTE™ (Refer to page X for details.)

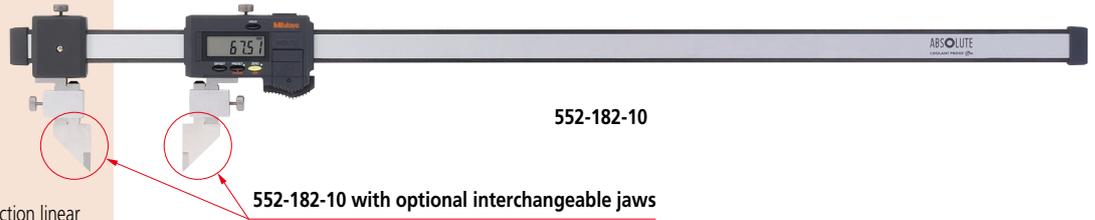
IP66 (Refer to page X for details.)

TÜV Rheinland
CERTIFIED
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ABSOLUTE Coolant Proof Carbon Fiber Caliper SERIES 552 - with Interchangeable Jaws

MeasurLink ENABLED
Data Management Software by Mitutoyo

- IP66 Absolute Digital Caliper (Refer to page D-8 for a description of Absolute measurement.)
- The range of applications can be expanded by using interchangeable jaws (optional).
- Allows integration into statistical process control and measurement systems for models with measurement data output connector. Refer to page A-3.
- Provided with preset function for setting a desired starting point, which allows direct readout of offset measurement.



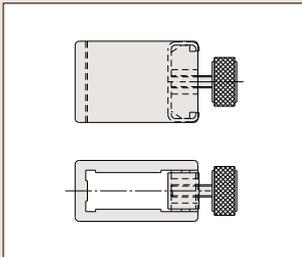
Technical Data

Accuracy: Refer to the list of specifications. (excluding quantizing error)
Resolution: 0.01 mm or 0.0005 in/0.01 mm
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 (IEC 60529)*
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)

Standard accessories (2 pcs)



Jaw clamps: 05GZA033

Optional accessories

For details, refer to page D-39.
Connecting cables for **IT/DP/MUX**
05CZA624: SPC cable with data button (1 m)
05CZA625: SPC cable with data button (2 m)



USB Input Tool Direct

06AFM380A: SPC cable for **USB-ITN-A** (2 m)
Connecting cables for **U-WAVE-T**
02AZD790A: SPC cable for U-WAVE with data button (160 mm)
02AZE140A: SPC cable for footswitch

SPECIFICATIONS

Metric		
Order No.	Range	Accuracy
552-181-10	0 - 450 mm	±0.04 mm
552-182-10	0 - 600 mm	
552-183-10	0 - 1000 mm	±0.05 mm
552-184-10	0 - 1500 mm	±0.09 mm
552-185-10	0 - 2000 mm	±0.12 mm

Inch/Metric		
Order No.	Range	Accuracy
552-191-10	0 - 18 in	±0.002 in
552-192-10	0 - 24 in	
552-193-10	0 - 40 in	±0.004 in
552-194-10	0 - 60 in	
552-195-10	0 - 80 in	±0.005 in