MeasurLink ENABLED

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).

(Refer to page X for details.)



(Refer to page X for details.)



www.tuv.com ID 0000022582

(Refer to page X for details.)

ABSOLUTE Coolant Proof Carbon Fiber Caliper SERIES 552 - with Long Jaws

- IP66 Absolute Digital Caliper (Refer to page D-8 for a description of Absolute measurement.)
- Lightweight Digimatic Calipers that employ CFRP (Carbon Fiber Reinforced Plastics) in the beam.

MeasurLink[®] ENABLED Data Management Software by Mitutoyo

 Allows integration into statistical process control and measurement systems for models with measurement data output connector. Refer to page A-3.

Technical Data

Accuracy: Refer to the list of specifications. (excluding quantizing error) Resolution: 0.01 mm or 0.0005 in/0.01 mm Material of jaws: Stainless Steel Hardened ĹCD Display: Scale type: ABSOLUTE electromagnetic induction linear encoder Max. response speed: Unlimited SR44 (1 pc), 938882, Battery: 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)

Optional accessories

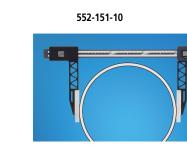
For details, refer to page D-39. Connecting cables for **IT/DP/MUX** 05CZA624: SPC cable with data button (1 m) 05CZA625: SPC cable with data button (2 m)



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



111 mm



SPECIFICATIONS Motric

Order No.	Range*	Accuracy
552-150-10	0 - 450 mm (20.1 - 470 mm)	±0.06 mm
552-151-10	0 - 600 mm (20.1 - 620 mm)	
552-152-10	0 - 1000 mm (20.1 - 1020 mm)	±0.07 mm
552-153-10	0 - 1500 mm (20.1 - 1520 mm)	±0.11 mm
552-154-10	0 - 2000 mm (20.1 - 2020 mm)	±0.14 mm
* (). Dimension in inside an environment		

* (): Dimension in inside measurement

-1-/B-0--1-1--

Order No.	Range*	Accuracy
552-160-10	0 - 18 in (0.504 - 18.5 in)	±0.0025 in
552-161-10	0 - 24 in (0.504 - 24.5 in)	
552-162-10	0 - 40 in (1.004 - 40.5 in)	±0.003 in
552-163-10	0 - 60 in (1.004 - 60.5 in)	±0.0045 in
552-164-10	0 - 80 in (1.004 - 80.5 in)	±0.0055 in

* (): Dimension in inside measurement

DIMENSIONS

