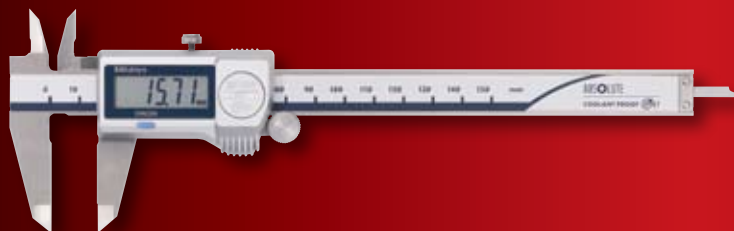


Digital Caliper with waterproof scale

IP67 ABSOLUTE Coolant Proof Caliper



Can be used in environments with heavy exposure to coolants.



Small Tool Instruments and Data Management

- Patent registered in Japan, U.S.A., China, Germany, U.K., France, Switzerland, and India.
- Design pending application in Japan, U.S.A., EU member nations, and China.



Digital Caliper with waterproof scale IP67 ABSOLUTE Coolant Proof Caliper



Features

- ABS Coolant Proof Caliper with Dust/Water Protection conforming to IP67 Level. Can be used in workshop conditions exposed to coolant, water, dust or oil. 100% air-leak test ensures every caliper conforms to IP67.
- Font height is 9mm (increased by 22%) and visibility is improved.
- Battery cap does not require a screw driver for battery replacement.
- Extended battery life of 5 years due to low-current integrated circuit.
- Easy to use — advanced ergonomic design uses only 1 button.
- Incorporates Mitutoyo's ABSOLUTE measurement system. No need to reset the origin.



Battery cap

Specifications

Metric						
Order No.	Range	Accuracy*	Mass	Measurement data output port	Thumb roller	Remarks
500-702-20	0 - 150mm	±0.02mm	168g	—	✓	
500-703-20	0 - 200mm		198g			
500-712-20	0 - 150mm		168g			
500-713-20	0 - 200mm		198g			
500-719-20	0 - 150mm		168g			Depth bar ø1.9mm
500-721-20	0 - 150mm		168g			Carbide-tipped jaws for outside measurement
500-722-20	0 - 200mm		198g			
500-723-20	0 - 150mm		168g			Carbide-tipped jaws for outside and inside measurement
500-724-20	0 - 200mm		198g			
500-731-20	0 - 6"		168g			Carbide-tipped jaws for outside measurement
500-732-20	0 - 8"		198g			
500-733-20	0 - 6"	±0.01"/ ±0.02mm	168g	✓	✓	Carbide-tipped jaws for outside and inside measurement
500-734-20	0 - 8"		198g			
500-735-20	0 - 6"		168g			Carbide-tipped jaws for outside measurement
500-736-20	0 - 8"		198g			
500-737-20	0 - 6"		168g			Carbide-tipped jaws for outside and inside measurement
500-738-20	0 - 8"		198g			
500-752-20	0 - 6"		168g			
500-753-20	0 - 8"		198g			
500-762-20	0 - 6"		168g			
500-763-20	0 - 8"		198g			
500-768-20	0 - 6"	✓	168g	—		Depth bar ø1.9mm
500-769-20	0 - 6"		168g			Depth bar ø1.9mm

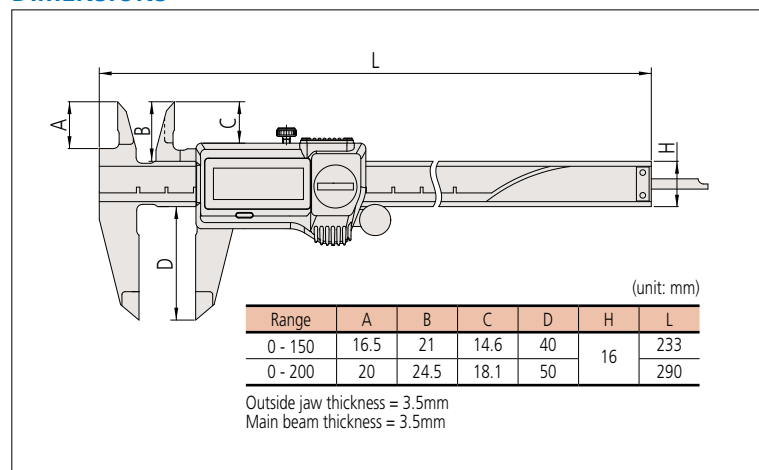
* Not including quantizing error of ±1 count in LSD

- The automatic power-on/off function shuts down the LCD display after 20 minutes inactivity, but the ABS scale origin is unaffected. Power is restored to the display when the slider is moved.
- Stepped features can be measured.
- Can be integrated into statistical process control and measurement systems.
- An inspection certificate is supplied as standard. (However, this cannot be used as a calibration certificate as it is undated.)

Inch/Metric						
Order No.	Range	Accuracy*	Mass	Measurement data output port	Thumb roller	Remarks
500-731-20	0 - 6"	±0.01"/ ±0.02mm	168g	✓	✓	Carbide-tipped jaws for outside measurement
500-732-20	0 - 8"		198g			
500-733-20	0 - 6"		168g			Carbide-tipped jaws for outside and inside measurement
500-734-20	0 - 8"		198g			
500-735-20	0 - 6"		168g			Carbide-tipped jaws for outside measurement
500-736-20	0 - 8"		198g			
500-737-20	0 - 6"		168g			Carbide-tipped jaws for outside and inside measurement
500-738-20	0 - 8"		198g			
500-752-20	0 - 6"		168g			
500-753-20	0 - 8"		198g			
500-762-20	0 - 6"	✓	168g	—		Depth bar ø1.9mm
500-763-20	0 - 8"		198g			Depth bar ø1.9mm
500-768-20	0 - 6"	✓	168g	—		Depth bar ø1.9mm
500-769-20	0 - 6"		168g			Depth bar ø1.9mm

* Not including quantizing error of ±1 count in LSD

DIMENSIONS



Technical Data

- Resolution: 0.01mm or .0005"/0.01mm
- Repeatability: 0.01mm or .0005"/0.01mm
- Power supply: **SR44** (1 pc, **938882**, for initial operational checks (standard accessory))
- Battery life: Approx. 5 years under normal use
- Max. response speed: Unlimited

Optional accessories

Dedicated for the models equipped with a digimatic output function.

Connecting cables for IT/DP/MUX

- No.05CZA624: SPC cable with data button (1m)
- No.05CZA625: SPC cable with data button (2m)

USB Input Tool Direct

- No.06ADV380A: SPC cable for USB-ITN-A (2m)

Connecting cables for U-WAVE-T

- No.02AZD790A: SPC cable for U-WAVE with data button (160mm)
- No.02AZE140A: SPC cable for footswitch



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