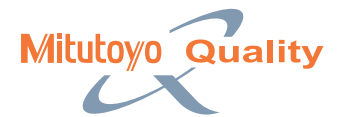
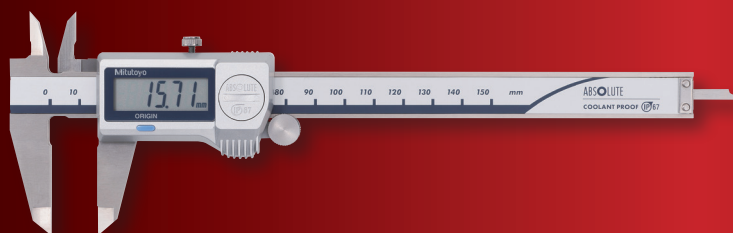


# IP67 ABSOLUTE Coolant-Proof Caliper



For use in environments with heavy exposure to coolants.



Small Tool Instruments and Data Management

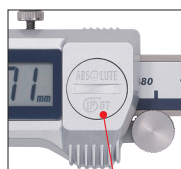
- Patent registered in Japan, U.S.A., China, Germany, U.K., France, Switzerland, and India.
- Design pending application in Japan, U.S.A., EU member nations, and China.



# IP67 ABSOLUTE Coolant-Proof Caliper

## Features

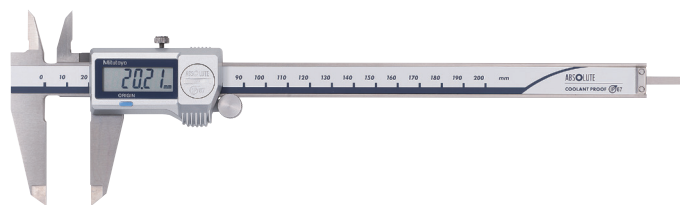
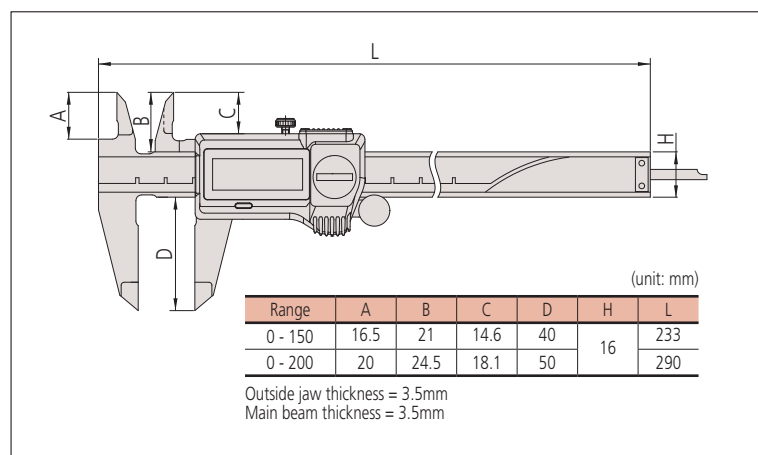
- ABS coolant-proof caliper with dust/water protection conforming to IP67 Level. Can be used in workshop conditions exposed to coolant, water, dust or oil. 100% air-leak test ensures every caliper conforms to IP67.
- Display readings increased 22% for improved visibility.
- Easy removal of battery cap.
- Extended battery life of 5 years
- Easy to use — advanced ergonomic design uses only 1 button.\*
- \* 2 buttons for in/mm models



## 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			Carbide-tipped jaws for outside measurement
500-723-20	0 - 150mm		168g			Carbide-tipped jaws for outside measurement
500-724-20	0 - 200mm		198g			Carbide-tipped jaws for outside and inside measurement
500-725-20	0 - 150mm		168g			Carbide-tipped jaws for outside and inside measurement

## Dimensions



- Incorporates Mitutoyo's ABSOLUTE measurement system. No need to reset the origin.
- The automatic power-on/off function shuts down the LCD after 20 minutes of 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.
- A factory inspection certificate is supplied as standard.

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

## Technical Data

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

## Optional accessories

Dedicated for the models equipped with digimatic output.

### ● 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

**Mitutoyo**



Find additional product literature  
and our product catalog

Coordinate Measuring Machines

Vision Measuring Systems

Form Measurement

Optical Measuring

Sensor Systems

Test Equipment  
and Seismometers

Digital Scale and DRO Systems

Small Tool Instruments  
and Data Management