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INSTRUMENT**
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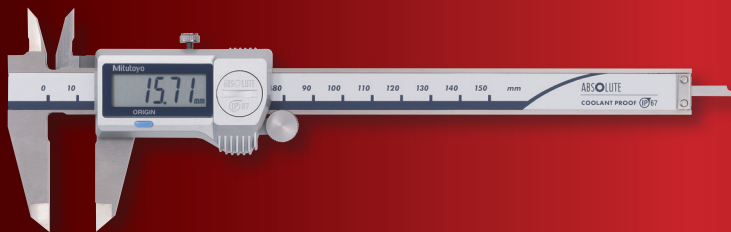
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Mitutoyo

IP67 ABSOLUTE Coolant-Proof Caliper

Mitutoyo **Quality**

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.

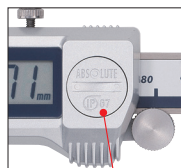


IP67 ABSOLUTE Coolant-Proof Caliper

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

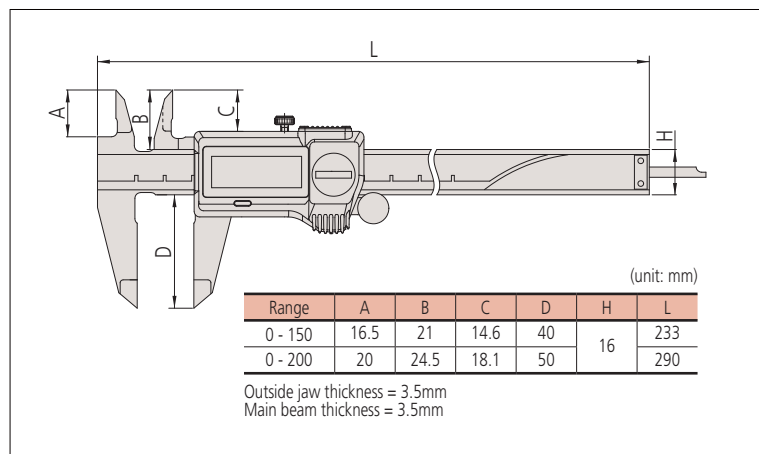


Battery cap

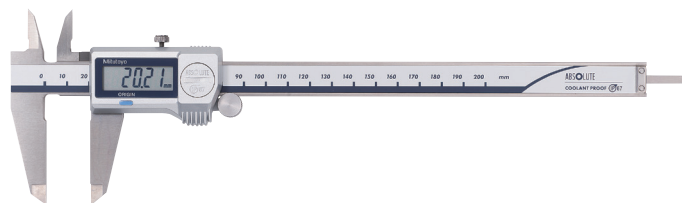
Specifications

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			

Dimensions



(unit: mm)



- 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			
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			

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

Mitutoyo America Corporation

www.mitutoyo.com

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M³ Solution Centers:

Aurora, Illinois (Headquarters)

Boston, Massachusetts

Huntersville, North Carolina

Mason, Ohio

Plymouth, Michigan

City of Industry, California

Birmingham, Alabama

Renton, Washington

Houston, Texas



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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

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2.5M 1215-04 • Printed in USA • Jan. 2016