

ABSOLUTE Digimatic Caliper Series 500-with Exclusive ABSOLUTE Encode Technology

Series 500

FEATURES

We are pleased to announce the new Mitutoyo ABS Digimatic Caliper line with exclusive AOS sensor technology. The patented Advanced Onsite Sensor (AOS) offers improved measurement dependability by increasing resistance to harsh workshop conditions.

- Large and clear LCD readout.
- The ZERO/ABS key allows the display to be Zero-Set at any slider position along the scale for incremental comparison measurements. This switch will also allow return to the absolute (ABS) coordinate and display of the true position from the origin point (usually jaws-closed point).
- Data Hold Unit (959143) is optional.
- Carbide-tipped jaw type calipers are also available.
- With thumb roller. Except 500-500-10, 500-501-10, 500-502-10.
- Supplied in fitted plastic case. Except 1000mm / 40" supplied in wooden case.

Technical Data

Accuracy: Refer to the list of specifications
 Resolution: 0.01mm or .0005"/0.01mm
 Repeatability: 0.01mm / .0005"
 Display: LCD
 Length standard: ABSOLUTE electrostatic capacitance type linear encoder
 Max. response speed: Unlimited
 Battery: SR44 (1 pc.), 938882
 Battery life: Approx. 3.5 years under normal use



Function

Origin-set, Zero-setting, Data output, inch/mm conversion (inch/mm models ONLY)
 Alarm: Low voltage, Counting value composition error

Optional Accessories

959143: Data hold unit
 959149: SPC cable with data switch (1m / 40")
 959150: SPC cable with data switch (2m / 80")

Order No	Model	Image	Parts	Range	Accuracy	LCD Res	Remarks
500-506-10	Digimatic Caliper		 Parts Break Down	0-24in 0-600mm	±.002in	.0005in 0.01mm	Without Thumb Roller