



(Refer to the page 9 for details.)

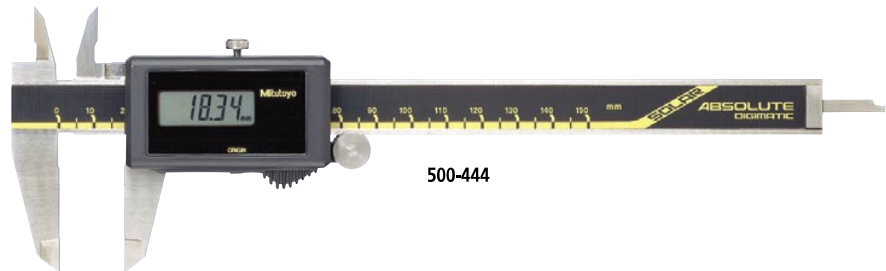
ABSOLUTE Solar Caliper

SERIES 500 — No battery or origin reset needed

Mitutoyo's Absolute Solar Digimatic Caliper retains its origin point even the display turns off for the entire life of the caliper. At 60 Lux and up the ABSOLUTE solar caliper is turned on ready to start measurement.

FEATURES

- No more repeated zero setting caused by the shortage of light intensity.
- Hard-coated solar panel for safe operation.
- No fear for overspeed errors.



500-444

Technical Data

Accuracy: $\pm 0.02\text{mm}$ (excluding quantizing error)
 Resolution: 0.01mm or .0005"/0.01mm
 Repeatability: 0.01mm
 Display: LCD
 Length standard: ABSOLUTE electrostatic capacitance type linear encoder
 Max. response speed: Unlimited
 Battery: Solar battery*

*Can be used continuously above 60lux ambient illumination.

Function

Origin-set, Data hold, Data output, inch/mm conversion (inch/mm models)
 Alarm: Counting value composition error

Optional Accessory

- 959143: Data hold unit
- 959149: SPC cable with data switch (1m)
- 959150: SPC cable with data switch (2m)

SPECIFICATIONS

Metric

Range	Order No.	Remarks (depth measuring bar / thumb roller)
0 - 100mm	500-443	$\phi 1.9\text{mm}$ rod with thumb roller
0 - 100mm	500-453*	$\phi 1.9\text{mm}$ rod with thumb roller
0 - 150mm	500-444	Blade with thumb roller
0 - 150mm	500-454*	Blade with thumb roller
0 - 200mm	500-445	Blade with thumb roller
0 - 200mm	500-455*	Blade with thumb roller

*without SPC data output

Inch/Metric

Range	Order No.	Remarks (depth measuring bar / thumb roller)
0 - 4"	500-463	$\phi 3/40"$ rod with thumb roller
0 - 4"	500-473*	$\phi 3/40"$ rod with thumb roller
0 - 6"	500-464	Blade with thumb roller
0 - 6"	500-474*	Blade with thumb roller
0 - 8"	500-465	Blade with thumb roller
0 - 8"	500-475*	Blade with thumb roller

*without SPC data output

DIMENSION

