



ABSOLUTE®

Absolute System Patented by MITUTOYO

(Refer to page VIII for details.)

ABSOLUTE Solar Caliper

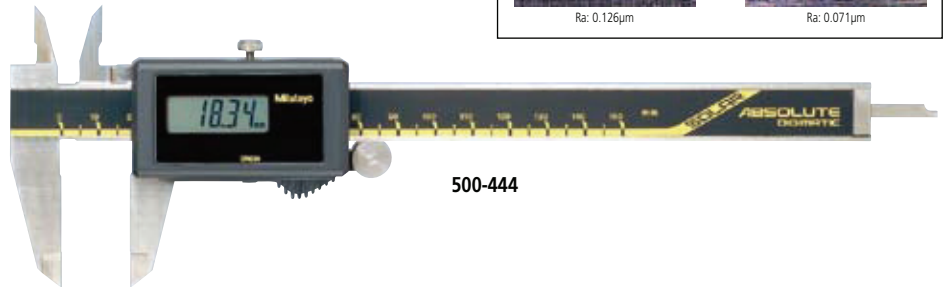
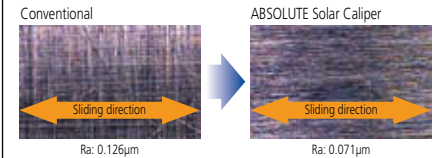
SERIES 500 — No battery or origin reset needed

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

FEATURES

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

High quality guide surface finish for smooth slider movement



500-444

Technical Data

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

*Can be used continuously above 60lux ambient illumination.

Functions

Origin-set, Data hold, Data output, inch/mm conversion (inch/mm models)

Alarm: Counting value composition error

Optional Accessories

959143: Data hold unit
959149: SPC cable with data switch (1m)
959150: SPC cable with data switch (2m)
02AZD790A: SPC cable for U-WAVE w/ data switch (160mm)

SPECIFICATIONS

Metric			
Range	Order No.	Depth bar	Fine adjustment
0 - 100mm	500-443	Ø1.9mm rod	with thumb roller
0 - 100mm	500-453*	Ø1.9mm 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.	Depth bar	Fine adjustment
0 - 4"	500-463	Ø3/40" rod	with thumb roller
0 - 4"	500-473*	Ø3/40" 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

DIMENSIONS

