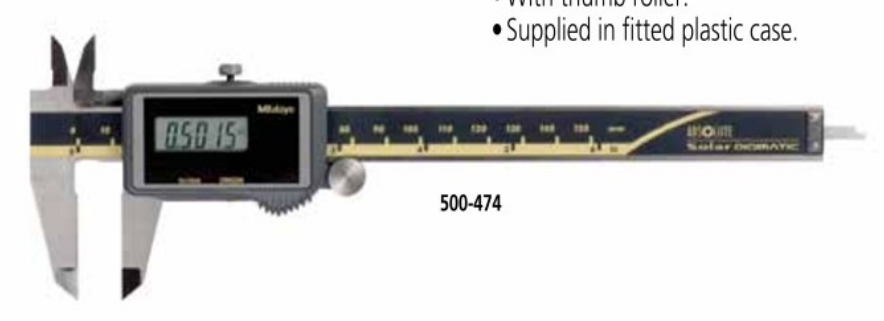
ABSOLUTE Solar Caliper

SERIES 500 — No battery or origin reset needed

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

FEATURES

- No more repeated zero setting caused by low-light intensity.
- Hard-coated solar panel for increased durability.
- No fear for overspeed errors.
- With thumb roller.
- Supplied in fitted plastic case.



500-474

Technical Data

Accuracy: Refer to the list of specifications
Resolution: .0005"/0.01mm or 0.01mm
Repeatability: .0005" / 0.01mm
Display: LCD
Length standard: ABSOLUTE electrostatic capacitance type linear encoder
Max. response speed: Unlimited
Battery: Solar cell*
*Can be used continuously above 60 lux ambient illumination.

Function

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

Optional Accessories

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

SPECIFICATIONS

Metric

Range	Order No.	Accuracy	Resolution	Remarks
0 - 100mm	**500-443**	±0.02mm	0.01mm	ø1.9mm round depth bar
0 - 100mm	**500-453***	±0.02mm	0.01mm	ø1.9mm round depth bar
0 - 150mm	**500-444**	±0.02mm	0.01mm	
0 - 150mm	**500-454***	±0.02mm	0.01mm	
0 - 200mm	**500-445**	±0.02mm	0.01mm	
0 - 200mm	**500-455***	±0.02mm	0.01mm	

*without SPC data output

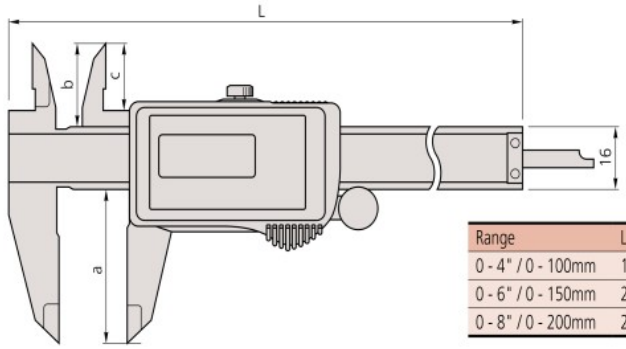
Inch/Metric

Range	Order No.	Accuracy	Resolution	Remarks
0 - 4" / 0 - 100mm	**500-463**	±.001"	.0005" / 0.01mm	.075" round depth bar
0 - 4" / 0 - 100mm	**500-473***	±.001"	.0005" / 0.01mm	.075" round depth bar
0 - 6" / 0 - 150mm	**500-464**	±.001"	.0005" / 0.01mm	
0 - 6" / 0 - 150mm	**500-474***	±.001"	.0005" / 0.01mm	
0 - 8" / 0 - 200mm	**500-465**	±.001"	.0005" / 0.01mm	
0 - 8" / 0 - 200mm	**500-475***	±.001"	.0005" / 0.01mm	

*without SPC data output

DIMENSIONS AND MASS

Unit: mm



Range	L	a	b	c	Mass (g)
0 - 4" / 0 - 100mm	182	40	21	16.5	125
0 - 6" / 0 - 150mm	233	40	21	16.5	150
0 - 8" / 0 - 200mm	290	50	24.5	20	180