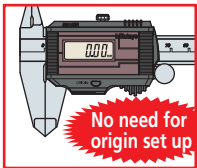
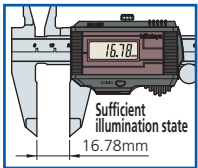
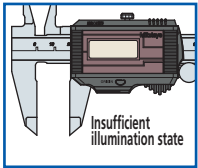


# Super Caliper-Solar Powered

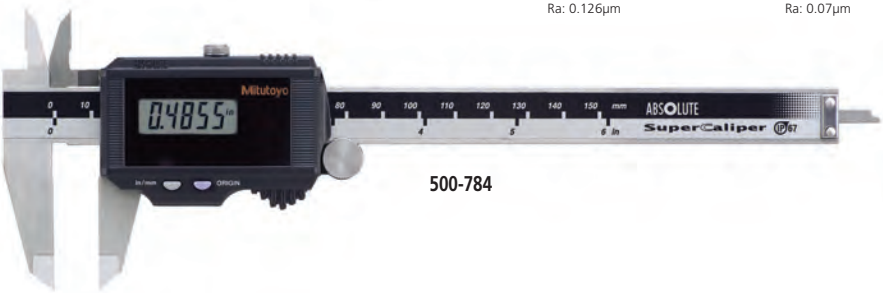
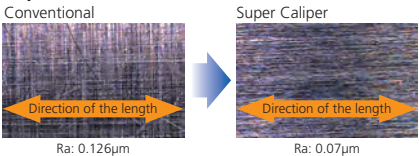
SERIES 500 — No battery or origin reset needed for IP67 Digital Caliper

## FEATURES

- With no annoying origin restoration necessary, a measurement can be started any time and there is no restriction on operating speed.
- World's unique\* solar-powered Super Caliper that is eco-friendly with no battery.
- The impact resistance of the display unit has been increased for improved usability in workshop conditions.
- IP67 protection assures waterproof reliability.
- This Super Caliper uses components that do not contain harmful substances and is compatible with RoHS Directives.
- Supplied in fitted plastic case.



### Improvement in surface finish of beam



## SPECIFICATIONS

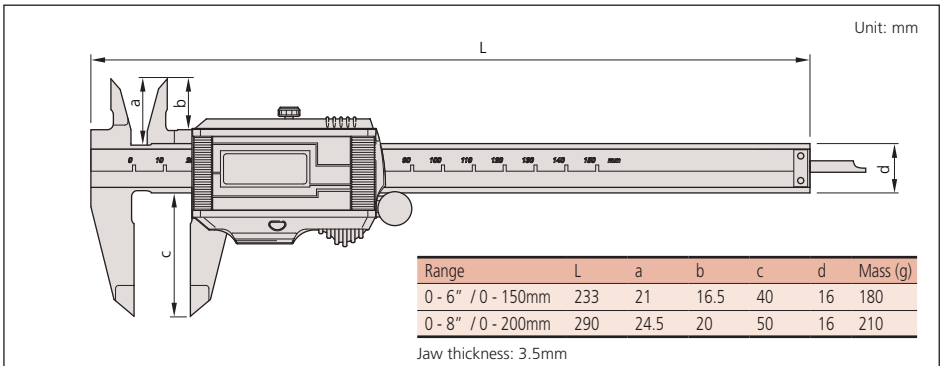
Metric			
Range	Order No.	Accuracy	Resolution
0 - 150mm	500-776	±0.02mm	0.01mm
0 - 150mm	500-774*	±0.02mm	0.01mm
0 - 200mm	500-777	±0.02mm	0.01mm
0 - 200mm	500-775*	±0.02mm	0.01mm

\*Without SPC data output

Inch/Metric			
Range	Order No.	Accuracy	Resolution
0 - 6" / 0 - 150mm	500-786	±.001"	.0005" / 0.01mm
0 - 6" / 0 - 150mm	500-784*	±.001"	.0005" / 0.01mm
0 - 8" / 0 - 200mm	500-787	±.001"	.0005" / 0.01mm
0 - 8" / 0 - 200mm	500-785*	±.001"	.0005" / 0.01mm

\*Without SPC data output

## DIMENSIONS AND MASS



### 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 electromagnetic induction linear encoder  
Max. response speed: Unlimited  
Battery: Solar battery\*  
Dust/Water protection level: IP67  
\*Can be used continuously above 60 lux ambient illumination.

### Function

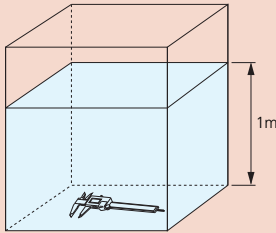
Origin-set, inch/mm conversion (on inch/metric models only)  
Alarm: Counting value composition error

### Optional Accessories

05CZA624: SPC cable with data switch (40" / 1m)  
05CZA625: SPC cable with data switch (80" / 2m)

### IP67 protection level

Level 6: Dust-tight  
No ingress of dust.  
Level 7: Protected against the effects of temporary immersion in water.  
Ingress of water in quantities causing harmful effects shall not be possible when the enclosure is temporarily immersed 1 meter in water under standardized conditions of pressure and time (30 min.).



### About the charge function (Super Caliper)

The minimum illumination required in the uncharged state is 60 lux. As shown in the table 'JIS Z 9110 Artificial Illumination Intensity Standard', this Super Caliper can be used without problems in a normal work environment.

The charge function allows the operator to use this Super Caliper without interrupting work even if the ambient illumination is temporarily insufficient.

- In the fully charged state this Super Caliper can operate for approximately an hour in an environment of 50lux illumination (less than the minimum necessary illumination intensity).
- The time necessary for full charge differs, depending on the charging conditions. If this Super Caliper is left unused in an illumination of 500 lux (usual for manufacturing environments), it takes approximately one hour to reach full charge.