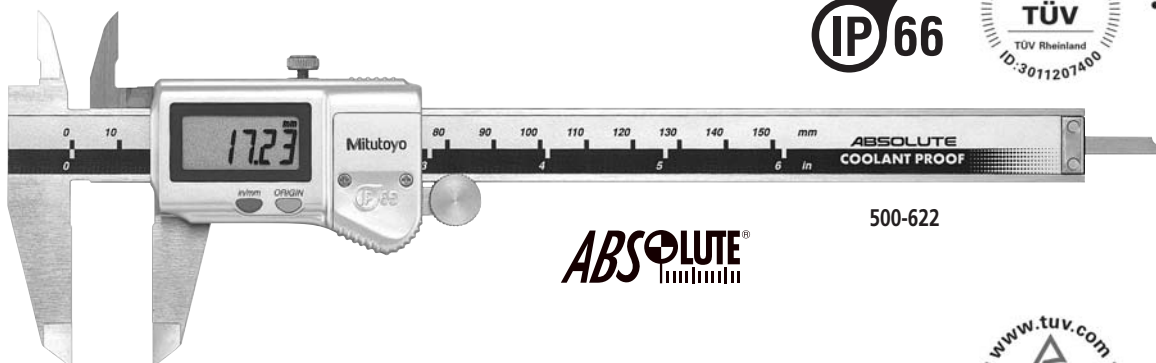


# Absolute Coolant Proof Caliper

SERIES 500 — with Dust/Water Protection Conforming to IP66/67 Level



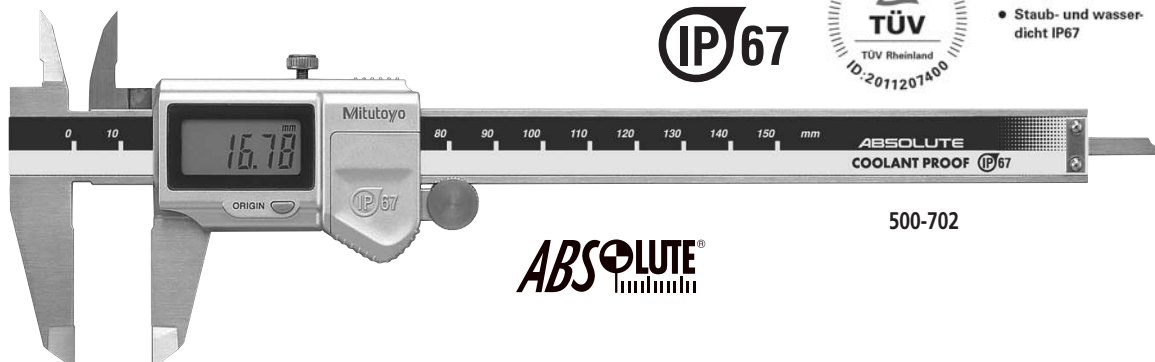
500-622

**ABSOLUTE**

**IP66**



• Staubdicht und wasser-  
geschützt IP66



500-702

**ABSOLUTE**

**IP67**



• Staub- und wasser-  
dicht IP67

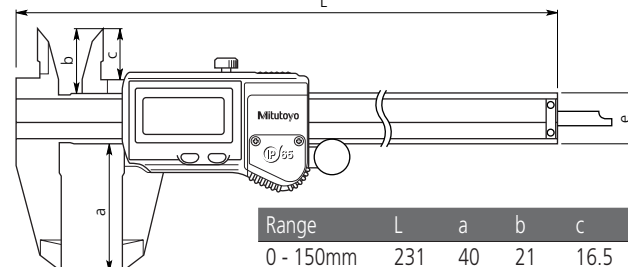
## FEATURES

- Can be used in workshop conditions exposed to coolant, water, dust or oil.
- Easy to use - no need to wipe or clean the scale.
- Advanced design styling.
- Incorporates absolute measurement system.
- Automatic power-on/off.
- Data output function.

## Technical Data

**Display:** LCD  
**Functions:** Origin-Set, Automatic power on/off, inch/mm conversion (inch/mm type only)/Data output  
**Battery:** SR44 (2 pc.) (938882)  
**Battery life:** Approx. 1.5 years under normal use  
**Maximum response speed:** Unlimited  
**Dust/Water protection level:** Conforming to IP66/IP67  
**Alarm:** Low voltage, counting value composition error  
**Operating temperature:** 0°C to 40°C

## Dimensions



| Range     | L   | a  | b    | c    | e  |
|-----------|-----|----|------|------|----|
| 0 - 150mm | 231 | 40 | 21   | 16.5 | 16 |
| 0 - 200mm | 288 | 50 | 24.5 | 20   | 16 |
| 0 - 300mm | 408 | 64 | 28   | 21.8 | 20 |



| CERTIFICATE OF INSPECTION / CERTIFICAT DE CONTROLE           |                                      | Inspection result/Résultats       |                                      |  |                   | (mm/in)   |  |
|--|--------------------------------------|-----------------------------------|--------------------------------------|--|-------------------|-----------|--|
| Product name/Catégorie                                       | Digital Caliper/Éprouvette Numérique | Measuring length/Portée de mesure | Permissible values/Erreur admissible | Instrumental errors/Erreur Instrumentale | Internal/Internal |           |  |
| Model No./Modèle   | CD-15PB                              |                                   | ±0.01                                | ---                                      | ---               |           |  |
| Code No./Référence   | 934-023                              |                                   | -0.03                                | ---                                      | -0.01             |           |  |
| Serial No./No. de série                                      | 03419911                             |                                   |                                      | 0.00                                     | ---               |           |  |
| Measuring range/Capacité de mesure                           | 0-150mm                              |                                   |                                      | -0.01                                    | 0.01              |           |  |
| Minimum indication/Resolution                                | 0.01mm                               |                                   |                                      | -0.01                                    | 0.00              |           |  |
| Standard Temperature / Température de Référence              | 20°C                                 |                                   |                                      | -0.01                                    | 0.00              | Unit:mm   |  |
| QC Manager/Responsable Qualité Contrôle                      |                                      |                                   |                                      | ---                                      | ---               | Unit:inch |  |
|  |                                      | φ 0.18                            | -0.0005                              | ---                                      | ---               |           |  |
|  |                                      |                                   | -0.0018                              | ---                                      | ---               |           |  |
| Inspection standard / Mitutoyo standard                      |                                      | 0                                 |                                      | ---                                      | ---               |           |  |
| Based on: JIS B7507 1993, DIN 852 1988                       |                                      | 2                                 |                                      | ---                                      | ---               |           |  |
| Traceable to: NMJIA187 by JCSB No.3033-18187 via R2109854-03 |                                      | 6                                 | ±0.0010                              | ---                                      | ---               | Unit:inch |  |
| PTB via 3785-PTB 02-0440-PTB 03                              |                                      | 8                                 |                                      | ---                                      | ---               | Unit:inch |  |
| Overall Judgment: Passed /Passé Conforme: conforme           |                                      |                                   |                                      |  |                   |           |  |
| Mitutoyo Corporation   |                                      |                                   |                                      |  |                   |           |  |

## SPECIFICATIONS

| Metric    | IP66 model |            |          |      |                                   |
|-----------|------------|------------|----------|------|-----------------------------------|
| Range     | Order No.  | Resolution | Accuracy | Mass | Remarks                           |
| 0 - 150mm | 500-622    | 0.01mm     | ±0.02mm  | 168g | With thumb roller                 |
|           | 500-626    | 0.01mm     | ±0.02mm  | 164g | —                                 |
|           | 500-632    | 0.01mm     | ±0.02mm  | 168g | With data output and thumb roller |
|           | 500-637    | 0.01mm     | ±0.02mm  | 164g | With data output                  |
| 0 - 200mm | 500-623    | 0.01mm     | ±0.02mm  | 198g | With thumb roller                 |
|           | 500-627    | 0.01mm     | ±0.02mm  | 194g | —                                 |
|           | 500-633    | 0.01mm     | ±0.02mm  | 198g | With data output and thumb roller |
|           | 500-638    | 0.01mm     | ±0.02mm  | 194g | With data output                  |
| 0 - 300mm | 500-624    | 0.01mm     | ±0.02mm  | 350g | With thumb roller                 |
|           | 500-628    | 0.01mm     | (≤200mm) | 345g | —                                 |
|           | 500-634    | 0.01mm     | ±0.03mm  | 350g | With data output and thumb roller |
|           | 500-639    | 0.01mm     | (>200mm) | 345g | With data output                  |

Excluding quantizing error

| Inch/Metric         | IP66 model |               |               |          |                                   |
|---------------------|------------|---------------|---------------|----------|-----------------------------------|
| Range               | Order No.  | Resolution    | Accuracy      | Mass     | Remarks                           |
| 0 - 6" (0 - 150mm)  | 500-672    | .0005"/0.01mm | ±.001"        | .37 lbs. | With thumb roller                 |
|                     | 500-682    | .0005"/0.01mm | ±.001"        | .37 lbs. | With data output and thumb roller |
| 0 - 8" (0 - 200mm)  | 500-673    | .0005"/0.01mm | ±.001"        | .43 lbs. | With thumb roller                 |
|                     | 500-683    | .0005"/0.01mm | ±.001"        | .43 lbs. | With data output and thumb roller |
| 0 - 10" (0 - 300mm) | 500-674    | .0005"/0.01mm | ±.001" (≤8")  | .77 lbs. | With thumb roller                 |
|                     | 500-684    | .0005"/0.01mm | ±.0015" (>8") | .77 lbs. | With data output and thumb roller |

Excluding quantizing error

| Metric    | IP67 model |            |          |      |                                   |
|-----------|------------|------------|----------|------|-----------------------------------|
| Range     | Order No.  | Resolution | Accuracy | Mass | Remarks                           |
| 0 - 150mm | 500-702    | 0.01mm     | ±0.02mm  | 168g | With thumb roller                 |
|           | 500-706    | 0.01mm     | ±0.02mm  | 164g | —                                 |
|           | 500-712    | 0.01mm     | ±0.02mm  | 168g | With data output and thumb roller |
|           | 500-716    | 0.01mm     | ±0.02mm  | 164g | With data output                  |
| 0 - 200mm | 500-703    | 0.01mm     | ±0.02mm  | 198g | With thumb roller                 |
|           | 500-707    | 0.01mm     | ±0.02mm  | 194g | —                                 |
|           | 500-713    | 0.01mm     | ±0.02mm  | 198g | With data output and thumb roller |
|           | 500-717    | 0.01mm     | ±0.02mm  | 194g | With data output                  |

Excluding quantizing error

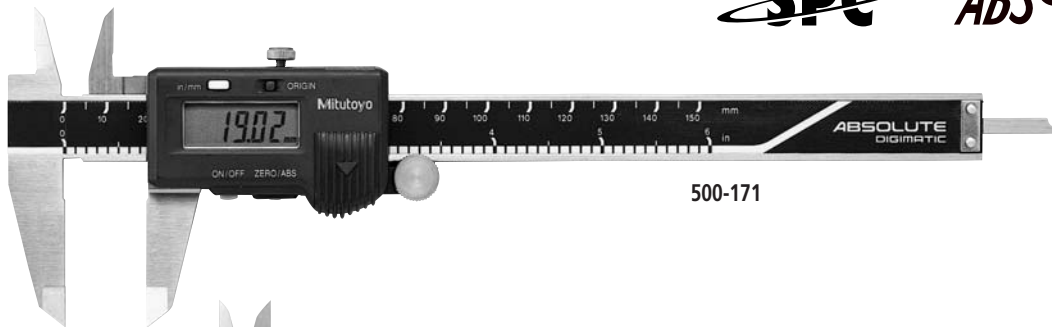
| Inch/Metric        | IP67 model |               |          |          |                                   |
|--------------------|------------|---------------|----------|----------|-----------------------------------|
| Range              | Order No.  | Resolution    | Accuracy | Mass     | Remarks                           |
| 0 - 6" (0 - 150mm) | 500-752    | .0005"/0.01mm | ±.001"   | .37 lbs. | With thumb roller                 |
|                    | 500-762    | .0005"/0.01mm | ±.001"   | .37 lbs. | With data output and thumb roller |
| 0 - 8" (0 - 200mm) | 500-753    | .0005"/0.01mm | ±.001"   | .43 lbs. | With thumb roller                 |
|                    | 500-763    | .0005"/0.01mm | ±.001"   | .43 lbs. | With data output and thumb roller |

Excluding quantizing error

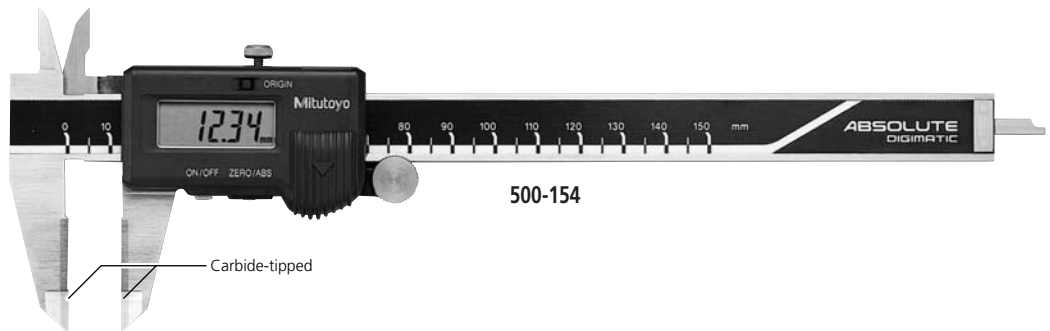


# Absolute Digimatic Caliper

SERIES 500 — with Exclusive Absolute Encoder Technology

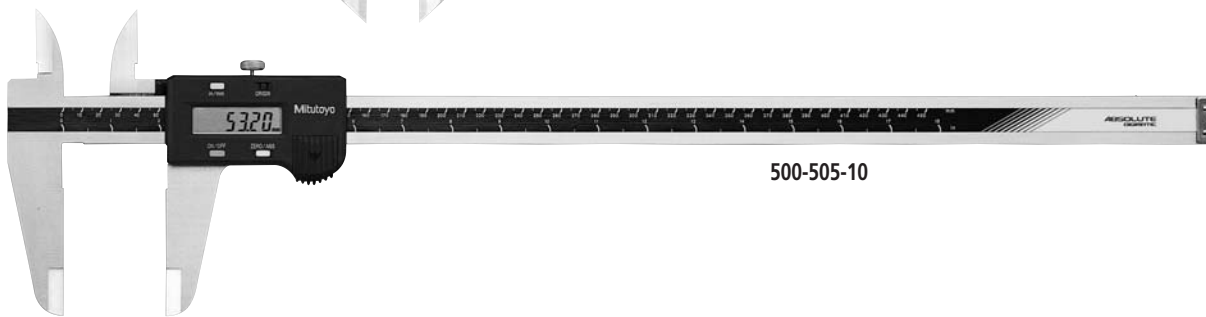


500-171



500-154

Carbide-tipped



500-505-10

Mitutoyo's absolute Digimatic Caliper is the next generation of electronic calipers. It keeps track of its origin point once set. Whenever turned on, the large LCD screen displays the actual slider position ready to start measurement. No more repeated zero setting is necessary with the absolute encoder technology as well as no more care for overspeed errors.

## FEATURES

- 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.

## Technical Data

**Display:** LCD  
**Functions:** Origin-Set, Zero-Set, power on/off, inch/mm conversion (inch/mm type only), SPC data output, data hold (optional)  
**Battery:** SR44 (1 pc.) (**938882**)  
**Battery life:** Approx. 3.5 years under normal use  
**Maximum response speed:** Unlimited  
**Alarm:** Low battery voltage, scale contamination, counting value composition error  
**Operating temperature:** 0°C to 40°C

Data Hold Unit  
(**959143**)

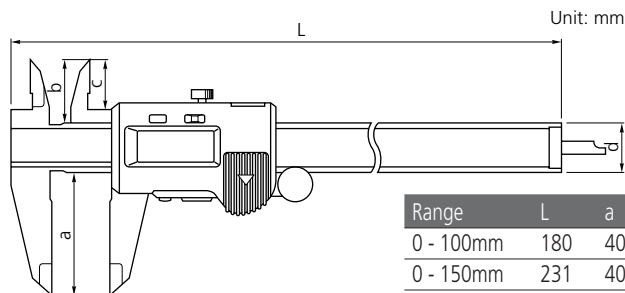


SPC cable with data switch (1m)  
(**959149**)

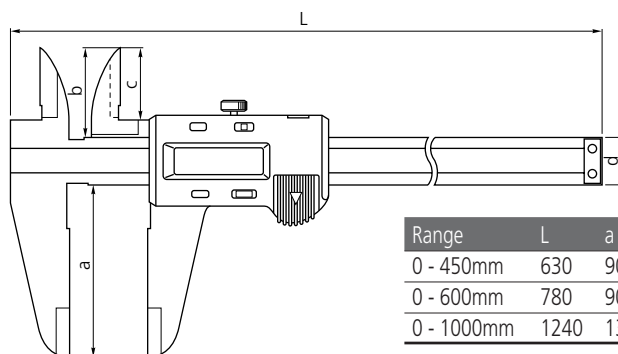
## OPTIONAL ACCESSORIES

| Order No.     | Description                     |
|---------------|---------------------------------|
| <b>959143</b> | Data Hold Unit                  |
| <b>959149</b> | SPC cable with data switch (1m) |
| <b>959150</b> | SPC cable with data switch (2m) |

# Dimensions



| Range     | L   | a  | b    | c    | d  |
|-----------|-----|----|------|------|----|
| 0 - 100mm | 180 | 40 | 21   | 16.5 | 16 |
| 0 - 150mm | 231 | 40 | 21   | 16.5 | 16 |
| 0 - 200mm | 288 | 50 | 24.5 | 20   | 16 |
| 0 - 300mm | 403 | 64 | 27.5 | 22   | 20 |



| Range      | L    | a   | b  | c  | d  |
|------------|------|-----|----|----|----|
| 0 - 450mm  | 630  | 90  | 47 | 38 | 25 |
| 0 - 600mm  | 780  | 90  | 47 | 38 | 25 |
| 0 - 1000mm | 1240 | 130 | 61 | 50 | 32 |

## SPECIFICATIONS

### Metric

| Range      | Order No.         | Resolution | Accuracy | Mass  | Remarks                           |
|------------|-------------------|------------|----------|-------|-----------------------------------|
| 0 - 100mm  | <b>500-150</b>    | 0.01mm     | ±0.02mm  | 137g  | With depth measuring rod (ø1.9mm) |
| 0 - 150mm  | <b>500-151</b>    | 0.01mm     | ±0.02mm  | 162g  | With depth measuring bar (blade)  |
|            | <b>500-154*</b>   | 0.01mm     | ±0.02mm  | 162g  | With depth measuring bar (blade)  |
|            | <b>500-155**</b>  | 0.01mm     | ±0.02mm  | 162g  | With depth measuring bar (blade)  |
|            | <b>500-158</b>    | 0.01mm     | ±0.02mm  | 162g  | With depth measuring rod (ø1.9mm) |
| 0 - 200mm  | <b>500-152</b>    | 0.01mm     | ±0.02mm  | 192g  | With depth measuring bar (blade)  |
|            | <b>500-156*</b>   | 0.01mm     | ±0.02mm  | 192g  | With depth measuring bar (blade)  |
|            | <b>500-157**</b>  | 0.01mm     | ±0.02mm  | 192g  | With depth measuring bar (blade)  |
| 0 - 300mm  | <b>500-153</b>    | 0.01mm     | ±0.03mm  | 350g  | With depth measuring bar (blade)  |
| 0 - 450mm  | <b>500-500-10</b> | 0.01mm     | ±0.05mm  | 1170g | —                                 |
| 0 - 600mm  | <b>500-501-10</b> | 0.01mm     | ±0.05mm  | 1350g | —                                 |
| 0 - 1000mm | <b>500-502-10</b> | 0.01mm     | ±0.07mm  | 3300g | —                                 |

\*Provided with carbide-tipped jaws for OD measurement.

\*\*Provided with carbide-tipped jaws for OD & ID measurements.

Excluding quantizing error

### Inch/Metric

| Range                | Order No.         | Resolution    | Accuracy | Mass      | Remarks                           |
|----------------------|-------------------|---------------|----------|-----------|-----------------------------------|
| 0 - 4" (0 - 100mm)   | <b>500-170</b>    | .0005"/0.01mm | ±.0010"  | .30 lbs.  | With depth measuring rod (ø3/40") |
| 0 - 6" (0 - 150mm)   | <b>500-171</b>    | .0005"/0.01mm | ±.0010"  | .36 lbs.  | With depth measuring bar (blade)  |
|                      | <b>500-174*</b>   | .0005"/0.01mm | ±.0010"  | .36 lbs.  | With depth measuring bar (blade)  |
|                      | <b>500-155**</b>  | .0005"/0.01mm | ±.0010"  | .36 lbs.  | With depth measuring bar (blade)  |
|                      | <b>500-178</b>    | .0005"/0.01mm | ±.0010"  | .36 lbs.  | With depth measuring rod (ø3/40") |
| 0 - 8" (0 - 200mm)   | <b>500-172</b>    | .0005"/0.01mm | ±.0010"  | .42 lbs.  | With depth measuring bar (blade)  |
|                      | <b>500-176*</b>   | .0005"/0.01mm | ±.0010"  | .42 lbs.  | With depth measuring bar (blade)  |
|                      | <b>500-177**</b>  | .0005"/0.01mm | ±.0010"  | .42 lbs.  | With depth measuring bar (blade)  |
| 0 - 12" (0 - 300mm)  | <b>500-173</b>    | .0005"/0.01mm | ±.0015"  | .77 lbs.  | With depth measuring bar (blade)  |
|                      | <b>500-167*</b>   | .0005"/0.01mm | ±.0015"  | .77 lbs.  | With depth measuring bar (blade)  |
|                      | <b>500-168**</b>  | .0005"/0.01mm | ±.0015"  | .77 lbs.  | With depth measuring bar (blade)  |
| 0 - 18" (0 - 450mm)  | <b>500-505-10</b> | .0005"/0.01mm | ±.0020"  | 2.57 lbs. | —                                 |
| 0 - 24" (0 - 600mm)  | <b>500-506-10</b> | .0005"/0.01mm | ±.0020"  | 2.97 lbs. | —                                 |
| 0 - 40" (0 - 1000mm) | <b>500-507-10</b> | .0005"/0.01mm | ±.0030"  | 7.26 lbs. | —                                 |

\*Provided with carbide-tipped jaws for OD measurement.

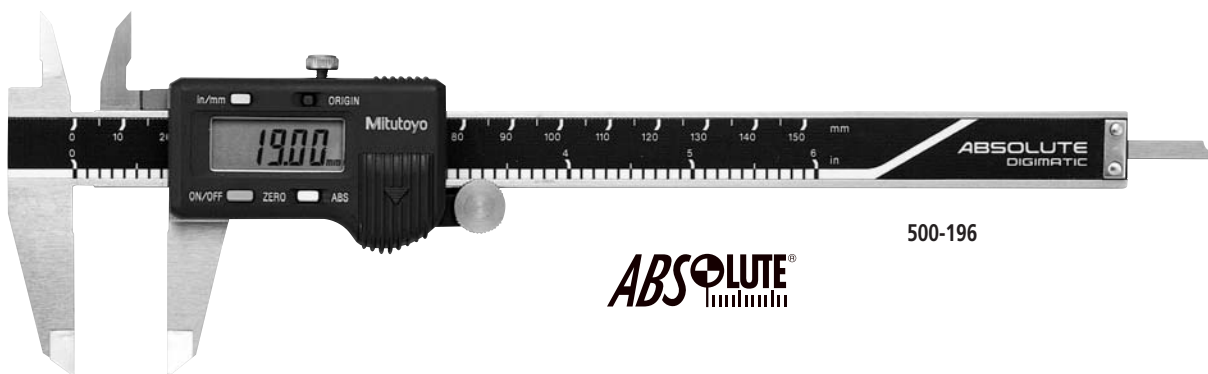
\*\*Provided with carbide-tipped jaws for OD & ID measurements.

Excluding quantizing error



# Absolute Digimatic Caliper

SERIES 500 — with Economical Design

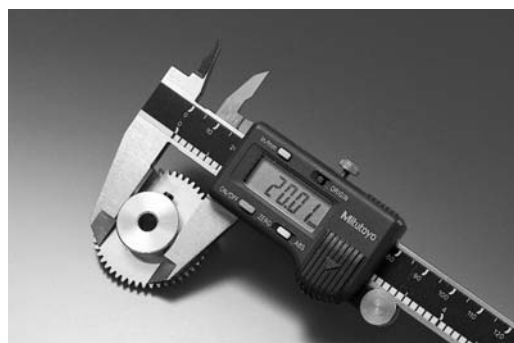


500-196

**ABSOLUTE**  
DIGIMATIC

## FEATURES

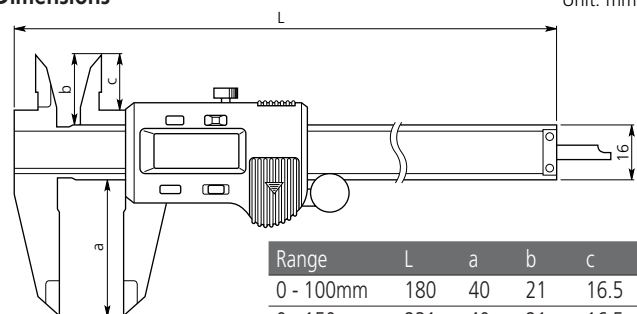
- Large and clear LCD readout.
- Low price due to the design featuring only essential functions.
- ZERO/ABS key: Allows the display to be Zero-Set at any slider position along the scale for incremental comparison measurements. This switch will also allow return to the absolute mode and display of the true position from the origin point.



## Technical Data

**Display:** LCD  
**Functions:** Origin-Set, Zero-Set, power on/off, inch/mm conversion (inch/mm type only)  
**Battery:** SR44 (1 pc.) (938882)  
**Battery life:** Approx. 3.5 years under normal use  
**Maximum response speed:** Unlimited  
**Alarm:** Low voltage, scale contamination, counting value composition error  
**Operating temperature:** 0°C to 40°C

## Dimensions



| Range     | L   | a  | b    | c    |
|-----------|-----|----|------|------|
| 0 - 100mm | 180 | 40 | 21   | 16.5 |
| 0 - 150mm | 231 | 40 | 21   | 16.5 |
| 0 - 200mm | 288 | 50 | 24.5 | 20   |

## SPECIFICATIONS

### Metric

| Range     | Order No.      | Resolution | Accuracy | Mass | Remarks                           |
|-----------|----------------|------------|----------|------|-----------------------------------|
| 0 - 100mm | <b>500-180</b> | 0.01mm     | ±0.02mm  | 137g | With depth measuring rod (ø1.9mm) |
| 0 - 150mm | <b>500-181</b> | 0.01mm     | ±0.02mm  | 162g | With depth measuring bar (blade)  |
| 0 - 200mm | <b>500-182</b> | 0.01mm     | ±0.02mm  | 192g | With depth measuring bar (blade)  |

Excluding quantizing error

### Inch/Metric

| Range               | Order No.        | Resolution    | Accuracy | Mass     | Remarks                           |
|---------------------|------------------|---------------|----------|----------|-----------------------------------|
| 0 - 4" (0 - 100mm)  | <b>500-195</b>   | .0005"/0.01mm | ±.0010"  | .30 lbs. | With depth measuring rod (ø3/40") |
| 0 - 6" (0 - 150mm)  | <b>500-196</b>   | .0005"/0.01mm | ±.0010"  | .36 lbs. | With depth measuring bar (blade)  |
|                     | <b>500-159*</b>  | .0005"/0.01mm | ±.0010"  | .36 lbs. | With depth measuring bar (blade)  |
|                     | <b>500-160**</b> | .0005"/0.01mm | ±.0010"  | .36 lbs. | With depth measuring bar (blade)  |
| 0 - 8" (0 - 200mm)  | <b>500-197</b>   | .0005"/0.01mm | ±.0010"  | .42 lbs. | With depth measuring bar (blade)  |
|                     | <b>500-163*</b>  | .0005"/0.01mm | ±.0010"  | .42 lbs. | With depth measuring bar (blade)  |
|                     | <b>500-164**</b> | .0005"/0.01mm | ±.0010"  | .42 lbs. | With depth measuring bar (blade)  |
| 0 - 12" (0 - 300mm) | <b>500-193</b>   | .0005"/0.01mm | ±.0015"  | .77 lbs. | With depth measuring bar (blade)  |
|                     | <b>500-165*</b>  | .0005"/0.01mm | ±.0015"  | .77 lbs. | With depth measuring bar (blade)  |
|                     | <b>500-166**</b> | .0005"/0.01mm | ±.0015"  | .77 lbs. | With depth measuring bar (blade)  |

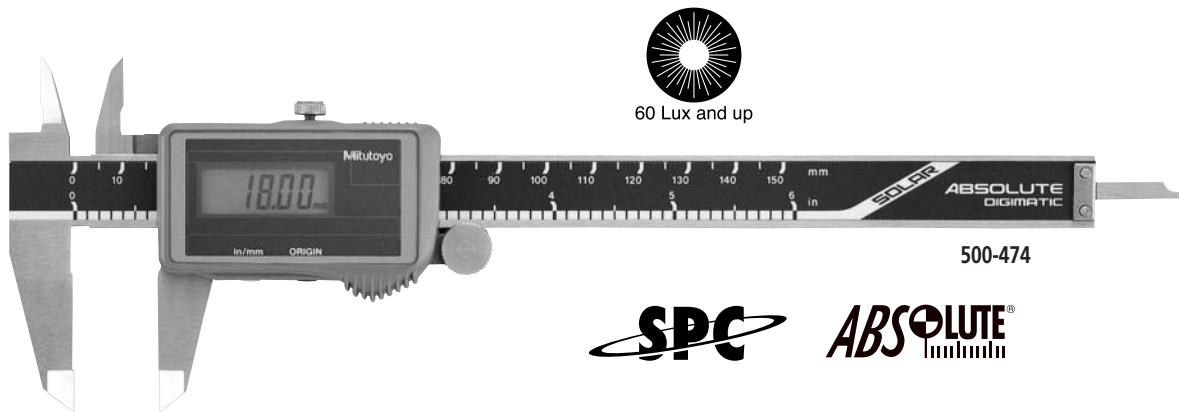
\*Provided with carbide-tipped jaws for OD measurement.

\*\*Provided with carbide-tipped jaws for OD & ID measurements.

Excluding quantizing error

# Absolute Solar Caliper

**SERIES 500 — Allowing No Need for Battery Replacement**



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 "MyCAL SOLAR-ABSOLUTE" is turned on ready to start measurement.

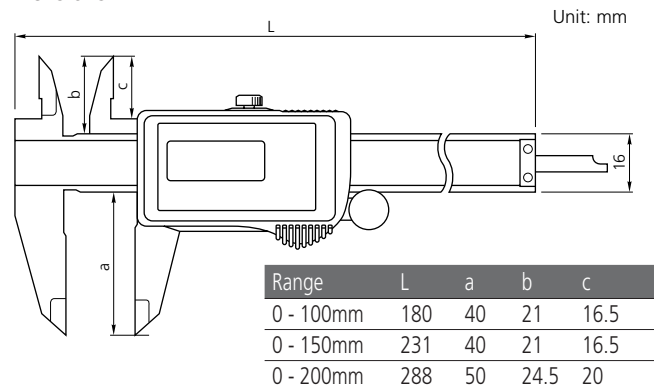
## FEATURES

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

## Technical Data

**Display:** LCD  
**Functions:** Origin-Set, inch/mm conversion (inch/mm type only)  
**Light intensity:** 60Lux and up for operation (300Lux and up for origin setting)  
**Maximum response speed:** Unlimited  
**Alarm:** Scale contamination, counting value composition error  
**Operating temperature:** 0°C to 40°C

## Dimensions



## OPTIONAL ACCESSORIES

| Order No. | Description                     |
|-----------|---------------------------------|
| 959143    | Data Hold Unit                  |
| 959149    | SPC cable with data switch (1m) |
| 959150    | SPC cable with data switch (2m) |

Available for SPC data output model only.

## SPECIFICATIONS

### Metric

| Range     | Order No. | Resolution | Accuracy | Mass | Remarks                           |
|-----------|-----------|------------|----------|------|-----------------------------------|
| 0 - 100mm | 500-443   | 0.01mm     | ±0.02mm  | 145g | With depth measuring rod (ø1.9mm) |
|           | 500-453*  | 0.01mm     | ±0.02mm  | 125g | With depth measuring rod (ø1.9mm) |
| 0 - 150mm | 500-444   | 0.01mm     | ±0.02mm  | 170g | With depth measuring bar (blade)  |
|           | 500-454*  | 0.01mm     | ±0.02mm  | 150g | With depth measuring bar (blade)  |
| 0 - 200mm | 500-445   | 0.01mm     | ±0.02mm  | 200g | With depth measuring bar (blade)  |
|           | 500-455*  | 0.01mm     | ±0.02mm  | 180g | With depth measuring bar (blade)  |

Excluding quantizing error

### Inch/Metric

| Range              | Order No. | Resolution    | Accuracy | Mass     | Remarks                           |
|--------------------|-----------|---------------|----------|----------|-----------------------------------|
| 0 - 4" (0 - 100mm) | 500-463   | 0.005"/0.01mm | ±.001"   | .32 lbs. | With depth measuring rod (ø3/40") |
|                    | 500-473*  | 0.005"/0.01mm | ±.001"   | .28 lbs. | With depth measuring rod (ø3/40") |
| 0 - 6" (0 - 150mm) | 500-464   | 0.005"/0.01mm | ±.001"   | .37 lbs. | With depth measuring bar (blade)  |
|                    | 500-474*  | 0.005"/0.01mm | ±.001"   | .33 lbs. | With depth measuring bar (blade)  |
| 0 - 8" (0 - 200mm) | 500-465   | 0.005"/0.01mm | ±.001"   | .44 lbs. | With depth measuring bar (blade)  |
|                    | 500-475*  | 0.005"/0.01mm | ±.001"   | .40 lbs. | With depth measuring bar (blade)  |

\*Without SPC data output

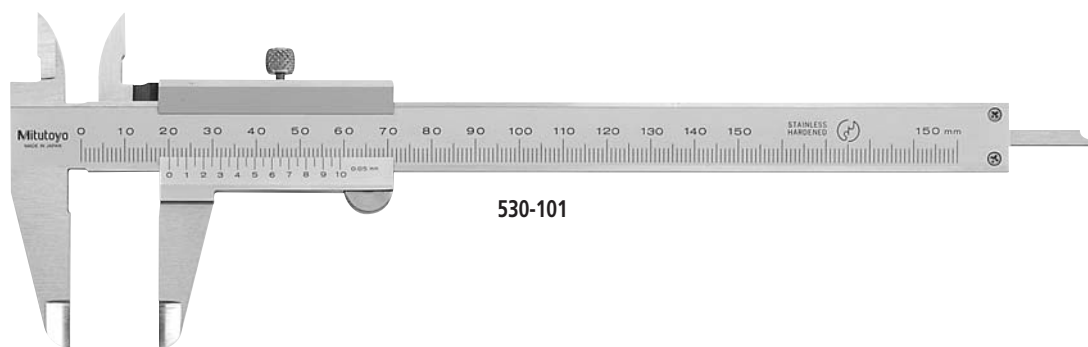
Excluding quantizing error



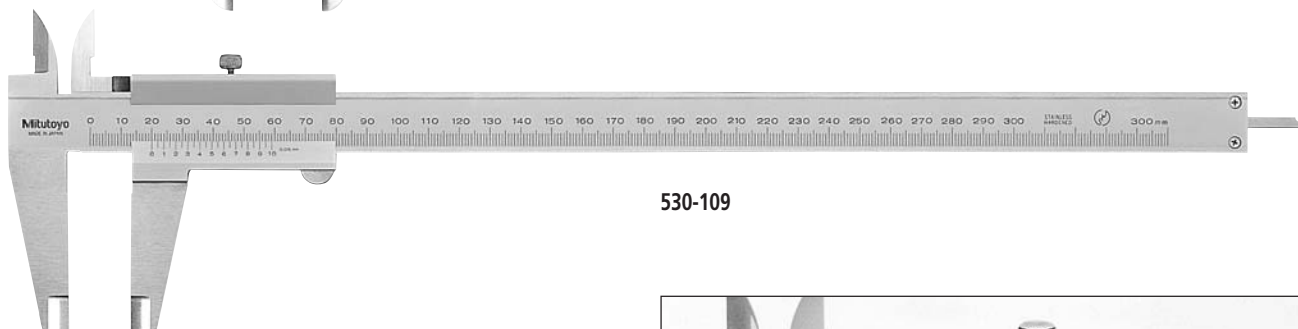
# Vernier Caliper

SERIES 530

CALIPERS



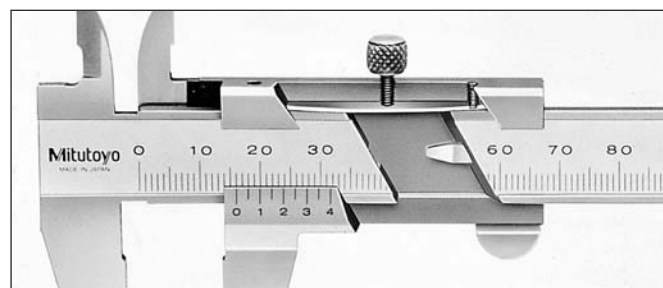
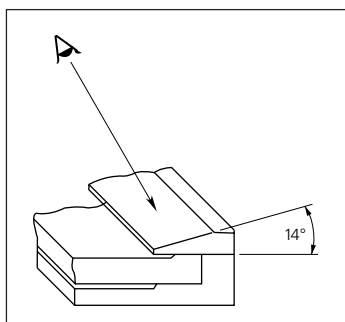
530-101



530-109

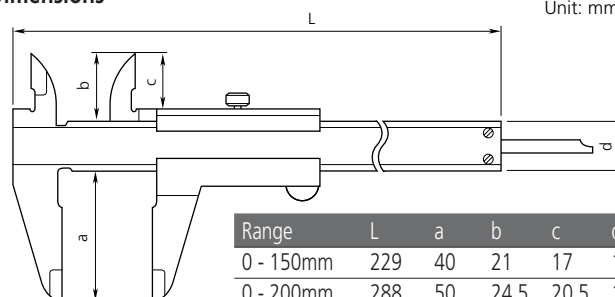
## FEATURES

- Plain and basic design.
- Can measure OD (outside diameter), ID (inside diameter), depth, and steps.
- The small vernier face angle ( $14^\circ$ ) provides easy reading.



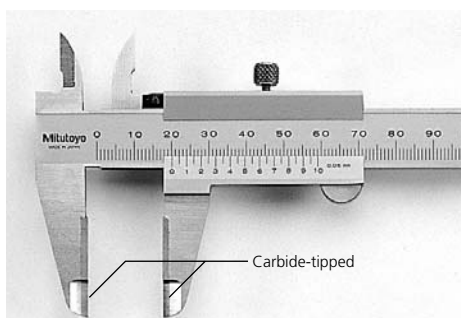
## Dimensions

Unit: mm

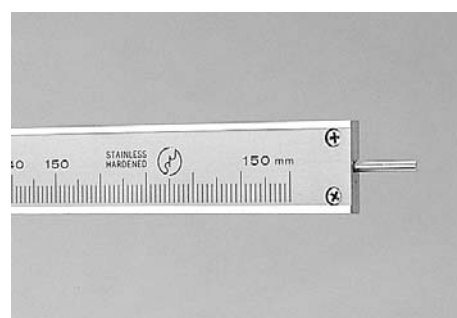


| Range      | L    | a   | b    | c    | d  |
|------------|------|-----|------|------|----|
| 0 - 150mm  | 229  | 40  | 21   | 17   | 16 |
| 0 - 200mm  | 288  | 50  | 24.5 | 20.5 | 16 |
| 0 - 300mm  | 403  | 64  | 27.5 | 22   | 20 |
| 0 - 600mm  | 780  | 90  | 47   | 38   | 25 |
| 0 - 1000mm | 1240 | 130 | 60   | 50   | 32 |

- Clamping screw atop the slider.
- Carbide-tipped jaw type calipers are also available.

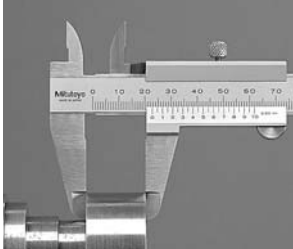


Carbide-tipped jaw type

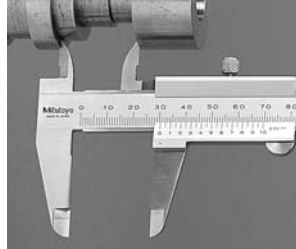


Round depth bar type

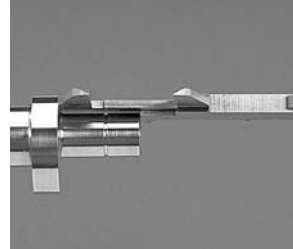
## • Measurement applications



OD measurement



ID measurement



Step measurement



Depth measurement



## SPECIFICATIONS

### Metric

| Range<br>Lower scale | Range<br>Upper scale | Order No.        | Vernier reading<br>Lower scale | Vernier reading<br>Upper scale | Accuracy | Mass  | Remarks                           |
|----------------------|----------------------|------------------|--------------------------------|--------------------------------|----------|-------|-----------------------------------|
| 0 - 150mm            | —                    | <b>530-102</b>   | 0.05mm                         | —                              | ±0.05mm  | 145g  | With depth measuring rod (ø1.9mm) |
|                      |                      | <b>530-101</b>   | 0.05mm                         | —                              | ±0.05mm  | 145g  | With depth measuring bar (blade)  |
|                      |                      | <b>530-320*</b>  | 0.05mm                         | —                              | ±0.05mm  | 145g  | With depth measuring bar (blade)  |
|                      |                      | <b>530-335**</b> | 0.05mm                         | —                              | ±0.05mm  | 145g  | With depth measuring bar (blade)  |
|                      |                      | <b>530-319†</b>  | 0.05mm                         | —                              | ±0.05mm  | 145g  | With depth measuring bar (blade)  |
|                      |                      | <b>530-122</b>   | 0.02mm                         | —                              | ±0.03mm  | 145g  | With depth measuring bar (blade)  |
| 0 - 200mm            | —                    | <b>530-108</b>   | 0.05mm                         | —                              | ±0.05mm  | 180g  | With depth measuring bar (blade)  |
|                      |                      | <b>530-321*</b>  | 0.05mm                         | —                              | ±0.05mm  | 180g  | With depth measuring bar (blade)  |
|                      |                      | <b>530-123</b>   | 0.02mm                         | —                              | ±0.03mm  | 180g  | With depth measuring bar (blade)  |
| 0 - 300mm            | —                    | <b>530-109</b>   | 0.05mm                         | —                              | ±0.08mm  | 355g  | With depth measuring bar (blade)  |
|                      |                      | <b>530-322*</b>  | 0.05mm                         | —                              | ±0.08mm  | 355g  | With depth measuring bar (blade)  |
|                      |                      | <b>530-124</b>   | 0.02mm                         | —                              | ±0.04mm  | 355g  | With depth measuring bar (blade)  |
| 0 - 600mm            | —                    | <b>530-501</b>   | 0.05mm                         | —                              | ±0.10mm  | 1300g | —                                 |
| 0 - 1000mm           | —                    | <b>530-502</b>   | 0.05mm                         | —                              | ±0.15mm  | 3300g | —                                 |

\*Provided with carbide-tipped jaws for OD measurement. \*\*Provided with carbide-tipped jaws for OD & ID measurements.

†Clamping screw below the slider.

### Metric/Inch

| Range<br>Lower scale | Range<br>Upper scale | Order No.        | Vernier reading<br>Lower scale | Vernier reading<br>Upper scale | Accuracy | Mass | Remarks                          |
|----------------------|----------------------|------------------|--------------------------------|--------------------------------|----------|------|----------------------------------|
| 0 - 150mm            | 0 - 6"               | <b>530-104</b>   | 0.05mm                         | 1/128"                         | ±0.05mm  | 145g | With depth measuring bar (blade) |
|                      |                      | <b>530-316†</b>  | 0.05mm                         | 1/128"                         | ±0.05mm  | 145g | With depth measuring bar (blade) |
|                      |                      | <b>530-125††</b> | 0.05mm                         | 1/128"                         | ±0.05mm  | 145g | With depth measuring bar (blade) |
|                      |                      | <b>530-312</b>   | 0.02mm                         | .001"                          | ±0.03mm  | 145g | With depth measuring bar (blade) |
| 0 - 200mm            | 0 - 8"               | <b>530-114</b>   | 0.05mm                         | 1/128"                         | ±0.05mm  | 180g | With depth measuring bar (blade) |
|                      |                      | <b>530-118</b>   | 0.02mm                         | .001"                          | ±0.03mm  | 180g | With depth measuring bar (blade) |
| 0 - 300mm            | 0 - 12"              | <b>530-115</b>   | 0.05mm                         | 1/128"                         | ±0.08mm  | 355g | With depth measuring bar (blade) |
|                      |                      | <b>530-119</b>   | 0.02mm                         | .001"                          | ±0.04mm  | 355g | With depth measuring bar (blade) |

†Clamping screw below the slider. ††Inch/mm conversion table is labeled on the back of the slider.

### Inch

| Range<br>Lower scale | Range<br>Upper scale | Order No.       | Vernier reading<br>Lower scale | Vernier reading<br>Upper scale | Accuracy | Mass     | Remarks                          |
|----------------------|----------------------|-----------------|--------------------------------|--------------------------------|----------|----------|----------------------------------|
| 0 - 6"               | —                    | <b>530-105</b>  | .001"                          | 1/128"                         | ±.0015"  | .32 lbs. | With depth measuring bar (blade) |
|                      |                      | <b>530-314*</b> | .001"                          | 1/128"                         | ±.0015"  | .32 lbs. | With depth measuring bar (blade) |
| 0 - 8"               | —                    | <b>530-116</b>  | .001"                          | 1/128"                         | ±.0015"  | .40 lbs. | With depth measuring bar (blade) |

\*Provided with carbide-tipped jaws for OD measurement.