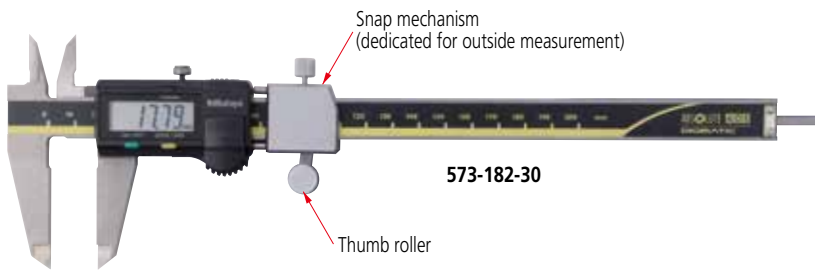# Calipers

An industry standard measuring tool

ABSOLUTE Snap Caliper
SERIES 573

MeasurLink® ENABLED
Data Management Software by Mitutoyo

- An ABSOLUTE electromagnetic induction linear encoder system is incorporated.
- Snap mechanism allows continuous and easy measurement without moving the slider by using the lever.
- The ABSOLUTE Digimatic snap caliper features a spring-loaded mechanism to allow quick and efficient GO/NO-GO inspection for mass production parts.

- Allows step measurement
- Displacement of snap part is 2 mm.
- Measuring force: 7 N to 14 N
- Absolute type. (Refer to page D-8 for a description of Absolute measurement.)
- Allows integration into statistical process control and measurement systems for models with measurement data output connector. Refer to page A-3.
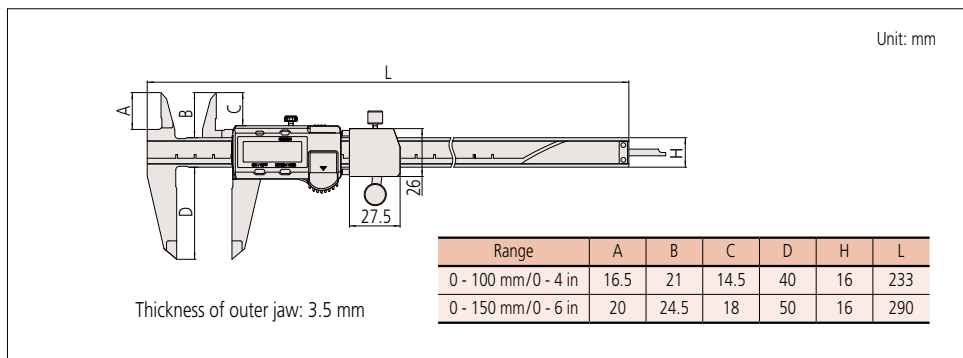
MeasurLink ENABLED
Data Management Software by Mitutoyo

Products equipped with the measurement data output function can be connected to the measurement data network system MeasurLink (refer to page A-5 for details).

ABSOLUTE™

Snap mechanism
(dedicated for outside measurement)

573-182-30

Thumb roller

Technical Data
- Accuracy: Refer to the list of specifications. (excluding quantizing error)
- Resolution: 0.01 mm or 0.0005 in/0.01 mm
- Repeatability: 0.01 mm
- Display: LCD
- Scale type: ABSOLUTE electromagnetic inductive linear encoder
- Jaw retraction: 2 mm
- Max. response speed: Unlimited
- Battery: SR44 (1 pc), **938882**, for initial operational checks (standard accessory)
- Battery life: Approx. 3.5 years under normal use

Optional Accessories
For details, refer to page D-38.
- **959143**: Data hold unit
- Connecting cables for **IT/DP/MUX**
  959149: SPC cable with data button (1 m)
  959150: SPC cable with data button (2 m)
- USB Input Tool Direct
  06AFM380C: SPC cable for **USB-ITN-C** (2 m)
- Connecting cables for **U-WAVE-T**
  02AZD790C: SPC cable with data button (160 mm)
  02AZE140C: SPC cable for foot switch

Wireless Data Output **U-WAVE fit**
- **U-WAVE-TC**: **264-620** (IP67 type)
  264-621 (Buzzer type)
- Connecting unit for **U-WAVE-TC**:
  02AZF300 (Buzzer type)
  Note: IP67 model is water/dust-proofed suitable for the factory floor.
  Buzzer type is not water/dust-proofed.
  Refer to page A-15 for details.

SPECIFICATIONS

Metric

Order No.	Range (mm)	Accuracy (mm)*
573-181-30	0 - 100	±0.02
573-182-30	0 - 150	±0.02

Inch/Metric

Order No.	Range (in)	Accuracy (in)*
573-281-30	0 - 4	±0.001
573-282-30	0 - 6	±0.001

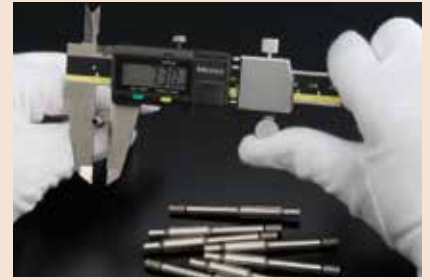* Excluding quantizing error.
Note: Dedicated for outside measurement (depth bar is not fitted).

DIMENSIONS

Unit: mm

Thickness of outer jaw: 3.5 mm

Range	A	B	C	D	H	L
0 - 100 mm/0 - 4 in	16.5	21	14.5	40	16	233
0 - 150 mm/0 - 6 in	20	24.5	18	50	16	290

Mitutoyo