Calipers
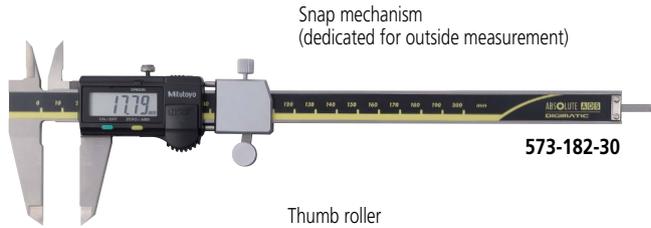
ABSOLUTE Digimatic Snap Caliper
SERIES 573

ISO13385-1 compliant

- Features a 'snap action' movement control of the slider via a spring-loaded mechanism attached to a movable clamp on the beam.
- Enables quick and efficient repetitive Go/No-Go inspection of a specific dimension on mass-produced parts by just moving a lever.
- The slider can be retracted by up to 2 mm from the measuring position.
- Measuring force: 7 to 14 N

Snap mechanism
(dedicated for outside measurement)

573-182-30

Thumb roller

MeasurLink ENABLED
Data Management Software by Mitutoyo

ABSOLUTE™

Measurement example

Optional Accessories

Code No.	Type	Description
264-020	—	USB Input Tool Series USB Keyboard Signal Conversion Type **IT-020U**
959149	C	Connection cable for **IT/DP/MUX** (1 m)
959150	C	Connection cable for **IT/DP/MUX** (2 m)
06AFM380C	C	USB Input Tool Direct (2 m)
02AZD730G	IP67	**U-WAVE-T**
02AZD880G	Buzzer	**U-WAVE-T**
02AZE200	—	**U-WAVE-T** mounting bracket
02AZD790C	C	Connection cable for **U-WAVE-T** (160 mm)
02AZE140C	C	Connection cable for **U-WAVE-T** For foot switch

SPECIFICATIONS

Metric

Code No.	Range (mm)	Resolution (mm)	Maximum permissible error (mm)*	
			E_{MPE}	S_{MPE}
573-181-30	0 - 100	0.01	±0.02	±0.04
573-182-30	0 - 150			

Inch/Metric

Code No.	Range	Resolution	Maximum permissible error*	
			E_{MPE}	S_{MPE}
573-281-30	0 - 4 in/0 - 100 mm	0.0005 in/0.01 mm	±0.001 in/±0.02 mm	±0.002 in/±0.04 mm
573-282-30	0 - 6 in/0 - 150 mm			

- Power source: SR44 battery (1 pc.), **938882** included as standard (for operational checks)
- Position detection method: ABSOLUTE electromagnetic inductive linear encoder
- Response speed: Unlimited
- * The Partial Surface Contact Error (E_{MPE}) and Shift Error (S_{MPE}) are terms defined by ISO 13385-1:2019.

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		290