

Calipers

An industry standard in measuring tools

Absolute Low Force Caliper SERIES 573

- ABSOLUTE electromagnetic induction linear encoder system is introduced.
- Due to the low measuring force, these calipers are ideal for measuring elastic workpieces such as plastic parts and rubber parts that standard calipers cannot measure accurately.
- Allows fine feeding easily by using thumb roller.
- Displacement of main scale jaw is 0.3mm.
- Measuring force: 0.49N to 0.98N (0.5gf to 1.0gf)
- 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.



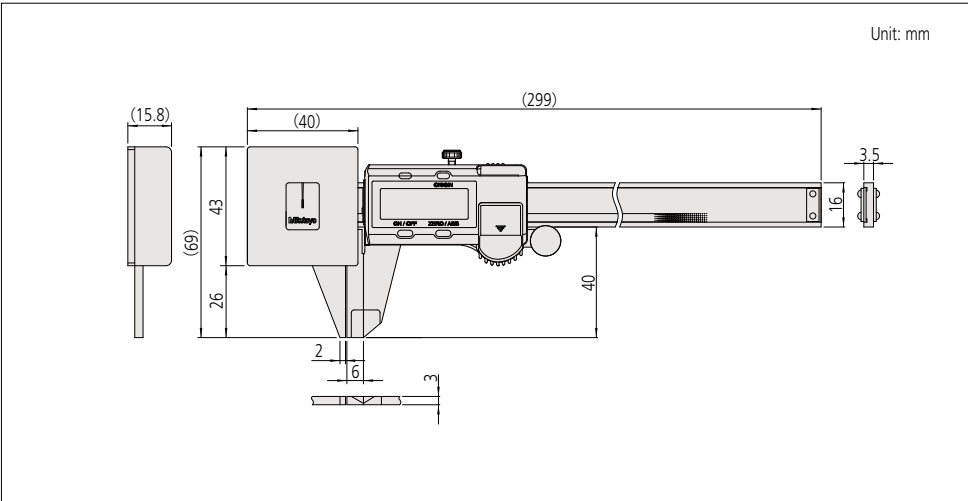
SPECIFICATIONS

Metric		
Order No.	Range	Accuracy*
573-191-30	0 - 180mm	±0.05mm

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

Inch/Metric		
Order No.	Range	Accuracy*
573-291-20	0 - 7"	±.002"

DIMENSIONS



ABSOLUTE™ (Refer to page X for details.)



Technical Explanation

Measurement procedure



A consistently low measuring force can be guaranteed by only taking measurements when the pointer is between the two fiducial lines.

Technical Data

Accuracy: Refer to the list of specifications.
(excluding quantizing error)
Resolution: 0.01mm or .0005"/0.01mm
Display: LCD
Scale type*: ABSOLUTE electromagnetic inductive linear encoder
Jaw retraction: 0.3mm
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-39.
959143: Data hold unit
Connecting cables for IT/DP/MUX
959149: SPC cable with data button (1m)
959150: SPC cable with data button (2m)
USB Input Tool Direct
06ADV380C: SPC cable for **USB-ITN-C** (2m)
Connecting cables for **U-WAVE-T**
02AZD790C: SPC cable for **U-WAVE** with data button
(160mm)
02AZE140C: SPC cable for footswitch