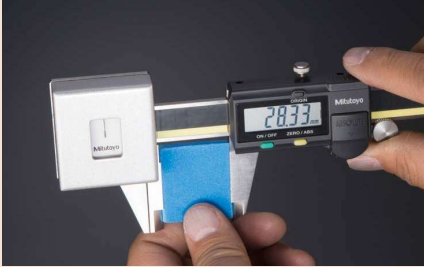


**Measurement example**



**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.

**Optional Accessories**

Order No.	Type	Description
959149	C	Connecting cables for IT/DP/MUX (1 m)
959150	C	Connecting cables for IT/DP/MUX (2 m)
06AFM380C	C	USB Input Tool Direct (2 m)
02AZD790C	C	Connecting cables for U-WAVE-T (160 mm)
02AZE140C	C	Connecting cables for U-WAVE-T For foot switch
264-620	IP67	U-WAVE-TC
264-621	Buzzer	U-WAVE-TC
264-624	IP67	U-WAVE-TCB Transmitter
264-625	Buzzer	U-WAVE-TCB Transmitter
02AZF300	Buzzer	Connecting unit for U-WAVE-TC/TCB

**ABSOLUTE Low Force Caliper SERIES 573**

- An ABSOLUTE electromagnetic induction linear encoder system is incorporated.
- Enables accurate measurement of plastic parts and other workpieces that are difficult to measure with conventional calipers due to deformation.
- Allows fine feeding easily by using thumb roller.
- Displacement of main scale jaw is 0.3 mm.
- Measuring force: 0.5 N to 1.0 N



573-191-30

**SPECIFICATIONS**

Metric				
Order No.	Range (mm)	Resolution (mm)	Maximum permissible error (mm)*	
			EMPE	SMPE
573-191-30	0 - 180	0.01	±0.05	

Inch / Metric				
Order No.	Range	Resolution	Maximum permissible error*	
			EMPE	SMPE
573-291-30	0 - 7 in / 0 - 180 mm	0.0005 in / 0.01 mm	±0.002 in / ±0.05 mm	

- Battery: SR44 (1 pc.), **938882**, for initial operational checks (standard accessory)
  - Scale type: ABSOLUTE electromagnetic inductive linear encoder
  - Max. response speed: Unlimited
- \* Partial Surface Contact Error, *E<sub>MPE</sub>* and Shift Error, *S<sub>MPE</sub>* are terms (notations) used in ISO 13385-1:2019.  
Note: Dedicated for outside measurement (depth bar is not fitted).

**DIMENSIONS**

