

# Depth Gage

## ABSOLUTE Digimatic Depth Gage SERIES 571

- Coolant proof models achieve IP67 protection level.
- Enables stable depth measurement with a resolution of 0.01 mm.
- Allows integration into statistical process control and measurement systems for models with measurement data output connector. (Refer to page A-3.)
- Optional longer extension bases are available. (Refer to page D-76.)



### SPECIFICATIONS

Metric				
Order No.	Range (mm)	Resolution (mm)	Base (W×T) (mm)	Maximum permissible error $E_{MPE}$ (mm)*
571-251-20	0 - 150	0.01	100×6	±0.02
571-252-20	0 - 200			
571-253-20	0 - 300		100×6.3	
Inch / Metric				
Order No.	Range (in)	Resolution	Base (W×T) (in)	Maximum permissible error $E_{MPE}$ (in)*
571-261-20	0 - 6	0.0005 in/ 0.01mm	3.93×0.23	±0.001 in/±0.02 mm
571-262-20	0 - 8			
571-263-20	0 - 12		3.93×0.25	

- Battery: SR44 (1 pc.), **938882**. For initial operational checks (standard accessory).
- Battery life: Approx. 5 years
- \* Maximum permissible error,  $E_{MPE}$ , is the term (notation) used in JIS B 7518: 2018, revised based on ISO/TR 14253-6: 2012.

### DIMENSIONS

Unit: mm

**571-251-20, 571-252-20, 571-253-20**

Range (mm)	L	W	Base thickness
0 - 150	239	59.2	6
0 - 200	289		6
0 - 300	403	71	6.3

ABSOLUTE™



### Measurement example



### Optional Accessories

Order No.	Type	Description
05CZA624	A	Connecting cable (1 m)
05CZA625	A	Connecting cable (2 m)
06AFM380A	A	USB Input Tool Direct (2 m)
02AZD790A	A	Connecting cables for <b>U-WAVE-T</b> (160 mm)
02AZE140A	A	Connecting cables for <b>U-WAVE-T</b> For foot switch
02AZE140C	C	Connecting cables for <b>U-WAVE-T</b> For foot switch
264-620	IP67	<b>U-WAVE-TC</b>
264-621	Buzzer	<b>U-WAVE-TC</b>
264-624	IP67	<b>U-WAVE-TCB</b> Transmitter
264-625	Buzzer	<b>U-WAVE-TCB</b> Transmitter
02AZF310	IP67	Connecting unit for <b>U-WAVE-TC/TCB</b>