

Depth Gauges

SERIES 571 – ABSOLUTE Digimatic Depth Gauge

- Enables stable depth measurement with a resolution of 0.01 mm.
- Features Mitutoyo's ABSOLUTE system. No need to reset the origin after switching on.
- Optional longer extension bases are available*¹.
- Data output function allows integration into statistical process control and measurement systems.

*¹ Except for models with measuring ranges of 450, 600, 750, 1000 mm.



571-211-30

Specifications

Inch/Metric			
Code No.	Range	Resolution	Accuracy* ²
571-211-30	0 - 150 mm (0 - 6")	0.01 mm (.0005")	±0.02 mm (±.001")
571-212-30	0 - 200 mm (0 - 8")		
571-213-10	0 - 300 mm (0 - 12")		±0.03 mm (±.0015")
571-214-10	0 - 450 mm (0 - 18")		
571-215-10	0 - 600 mm (0 - 24")		±0.05 mm (±.002")
571-216-10	0 - 750 mm (0 - 30")		
571-217-10	0 - 1000 mm (0 - 40")		±0.07 mm (±.0025")

*² Excluding quantizing error.

Dimensions

Unit: mm

Models up to 300 mm measuring range

Models with measuring range 450 mm and over

Range	L	Base (W x T)
0 - 150 mm	237	100 x 6
0 - 200 mm	287	
0 - 300 mm	403	
0 - 450 mm	635	250 x 10
0 - 600 mm	785	
0 - 750 mm	935	
0 - 1000 mm	1200	

Technical Data

Repeatability:	0.01 mm (.0005")
Scale type:	ABSOLUTE electrostatic linear encoder
Battery:	SR44 (1 pc.), 938882
Battery life:	Approx. 3 years under normal use (1 year for 300 mm / 12" model)

Optional Accessories

Code No.	Description	
For 571-211-30, 571-212-30 and 571-213-10		
264-621	U-WAVE-TC transmission unit	
959143	Data hold unit	
959149	SPC data cable with pushbutton (1 m)	
959150	SPC data cable with pushbutton (2 m)	
02AZF300	U-WAVE-TC connection unit	
06AFM380C	USB input tool direct USB-ITN-C (2 m)	
For 571-214-10, 571-215-10, 571-216-10 and 571-217-10		
959143	Data hold unit	
959149	SPC data cable with pushbutton (1 m)	
959150	SPC data cable with pushbutton (2 m)	
02AZD790C	U-WAVE-T data cable with pushbutton (160 mm)	
02AZE140C	U-WAVE-T data cable with pushbutton and footswitch connection (160/500 mm)	
06AFM380C	USB input tool direct USB-ITN-C (2 m)	