

ABSOLUTE Digimatic Depth Gage

SERIES 571

FEATURES

- ABSOLUTE Digimatic Depth Gage can keep track of the origin point once set for the entire life of the battery.
- Base and measuring faces are hardened and micro-lapped.
- Optional wider extension base are available. (up to 450mm range models)
- With SPC data output.



571-263-10



571-201-20

SPECIFICATIONS

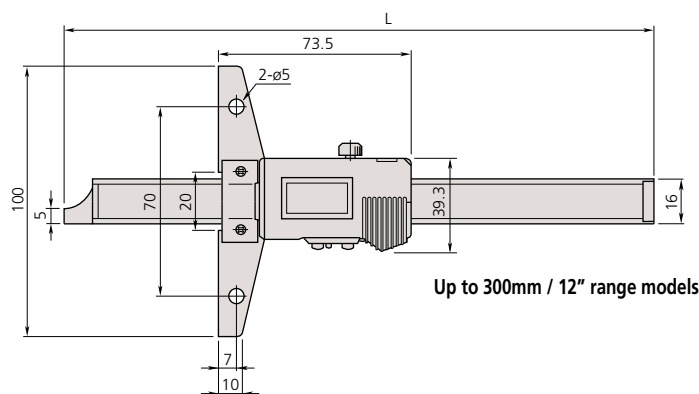
Metric				
Range	Order No.	Resolution	Accuracy	Mass(g)
0 - 150mm	571-201-20	0.01mm	±0.02mm	192
0 - 150mm	571-251-10*	0.01mm	±0.02mm	199
0 - 200mm	571-202-20	0.01mm	±0.02mm	212
0 - 200mm	571-252-10*	0.01mm	±0.02mm	219
0 - 300mm	571-203-20	0.01mm	±0.03mm	310
0 - 300mm	571-253-10*	0.01mm	±0.03mm	320
0 - 450mm	571-204-10	0.01mm	±0.05mm	1270
0 - 600mm	571-205-10	0.01mm	±0.05mm	1400
0 - 750mm	571-206-10	0.01mm	±0.06mm	1530
0 - 1000mm	571-207-10	0.01mm	±0.07mm	1760

*IP67 Coolant Proof model

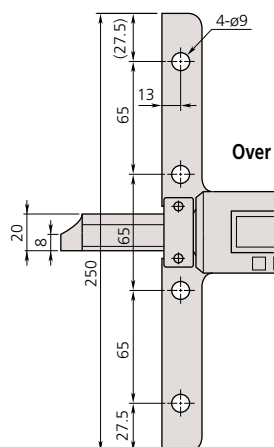
Inch/Metric					
Range	Order No.	Resolution	Accuracy	Mass(g)	
0 - 6" / 0 - 150mm	571-211-20	.0005" / 0.01mm	±.001"	192	
0 - 6" / 0 - 150mm	571-261-10*	.0005" / 0.01mm	±.001"	199	
0 - 8" / 0 - 200mm	571-212-20	.0005" / 0.01mm	±.001"	212	
0 - 8" / 0 - 200mm	571-262-10*	.0005" / 0.01mm	±.001"	219	
0 - 12" / 0 - 300mm	571-213-10	.0005" / 0.01mm	±.0015"	310	
0 - 12" / 0 - 300mm	571-263-10*	.0005" / 0.01mm	±.0015"	320	
0 - 18" / 0 - 450mm	571-214-10	.0005" / 0.01mm	±.002"	1270	
0 - 24" / 0 - 600mm	571-215-10	.0005" / 0.01mm	±.002"	1400	
0 - 30" / 0 - 750mm	571-216-10	.0005" / 0.01mm	±.0025	1530	
0 - 40" / 0 - 1000mm	571-217-10	.0005" / 0.01mm	±.0025	1760	

*IP67 Coolant Proof model

DIMENSIONS



Up to 300mm / 12" range models



Over 300mm / 12" range models

Range	L	Base thickness
0 - 6" / 0 - 150mm	237	6
0 - 8" / 0 - 200mm	287	6
0 - 12" / 0 - 300mm	403	6
0 - 18" / 0 - 450mm	635	10
0 - 24" / 0 - 600mm	785	10
0 - 30" / 0 - 750mm	935	10
0 - 40" / 0 - 1000mm	1200	10

SPC



IP67

ABSOLUTE®
Absolute System Patented by MTUTOTOYO

Technical Data

Resolution: .0005"/0.01mm or 0.01mm
 Repeatability: 0.01mm
 Display: LCD
 Length standard: ABSOLUTE electrostatic capacitance (electromagnetic induction)* type linear encoder
 Max. response speed: Unlimited
 Battery: SR44 (1 pc.), **938882**
 Battery life: Approx. 20,000 hours (3 years)* under normal use
 Dust/Water protection level: IP67*
 *Coolant Proof models

Function

Origin-set, Zero-setting, Automatic power on/off, Data output, inch/mm conversion (on inch/metric models only)
 Alarm: Low voltage, Counting value composition error

Optional Accessories

- 959143:** Data hold unit
959149: SPC cable with data switch (40" / 1m)
959150: SPC cable with data switch (80" / 2m)
05CZA624: SPC cable with data switch (40" / 1m)*
05CZA625: SPC cable with data switch (80" / 2m)*
 *Extension base (see page D-53.)
 *For IP67 models



Measurement data output function is available with a water-resistant SPC cable.

Unit: mm