

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.



SPECIFICATIONS

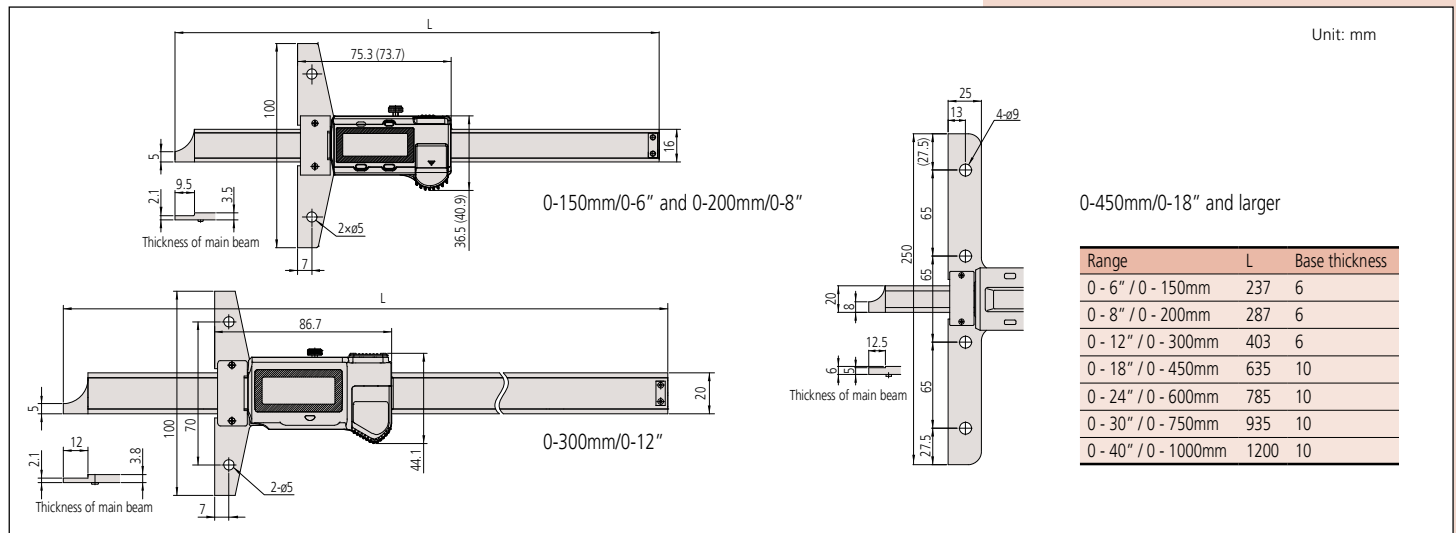
Metric				
Range	Order No.	Resolution	Accuracy	Mass(g)
0 - 150mm	571-201-30	0.01mm	±0.02mm	192
0 - 150mm	571-251-20*	0.01mm	±0.02mm	199
0 - 200mm	571-202-30	0.01mm	±0.02mm	212
0 - 200mm	571-252-20*	0.01mm	±0.02mm	219
0 - 300mm	571-203-20	0.01mm	±0.03mm	310
0 - 300mm	571-253-10*	0.01mm	±0.03mm	320
0 - 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	571-211-30	.0005" / 0.01mm	±.001"	192
0 - 6" / 0 - 150mm	571-261-20*	.0005" / 0.01mm	±.001"	199
0 - 8" / 0 - 200mm	571-212-30	.0005" / 0.01mm	±.001"	212
0 - 8" / 0 - 200mm	571-262-20*	.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



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-56.)

*For IP-67 models



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



Technical Data

Accuracy: Refer to the list of specifications
 Resolution: .0005"/0.01mm or 0.01mm
 Display: LCD
 Battery: SR44 (1 pc.), **938882**
 Battery life: Approx. 2000 hours

Function

Origin-set, Zero-setting, Power ON/OFF,
 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)



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Technical Data

Resolution: .0005"/0.01mm or 0.01mm
 Repeatability: .0005"/0.01mm
 Display: LCD
 Length standard: ABSOLUTE 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

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

05CZA624: SPC cable with data switch (40" / 1m)
05CZA625: SPC cable with data switch (80" / 2m)
 —: Extension base (see page D-56.)

05CZA624



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

Tire Tread Depth Gage

SERIES 571

FEATURES

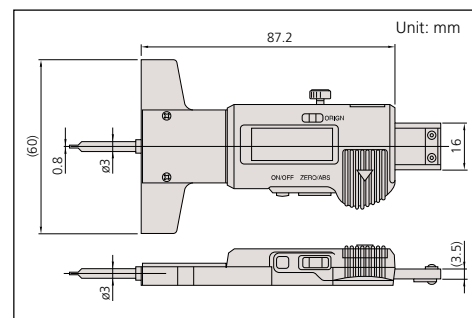
- ABSOLUTE Digimatic Tread Depth Gage can keep track of the origin point, once set, for the life of the battery.



571-100MOT-10

- Specially designed to measure tire tread depth.
- With SPC data output.

DIMENSIONS



SPECIFICATIONS

Metric			
Range	Order No.	Resolution	Accuracy
0 - 25mm	571-100MOT-10	0.01mm	±0.02mm

Inch/Metric			
Range	Order No.	Resolution	Accuracy
0 - 1" / 0 - 25mm	571-200MOT-10	.0005" / 0.01mm	±.0005"

ABSOLUTE Point-Type Digimatic Depth Gage

SERIES 571

FEATURES

- ABSOLUTE Digimatic Depth Gage can keep track of the origin point, once set, for the life of the battery.



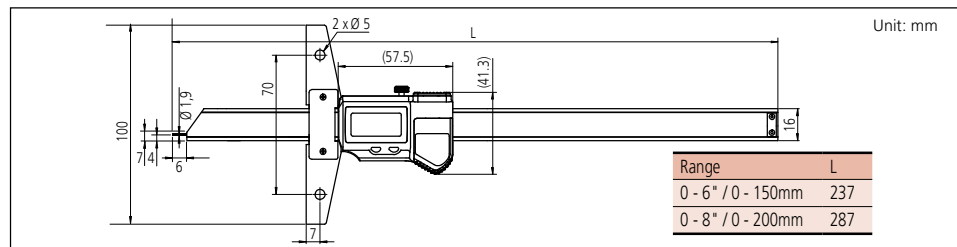
- Base and measuring faces are hardened and micro-lapped.
- Optional wider extension base are available.
- With SPC data output.

SPECIFICATIONS

Metric				
Range	Order No.	Resolution	Accuracy	Mass(g)
0-150mm	571-301-20	0.01mm	±0.02mm	207
0-200mm	571-302-20	0.01mm	±0.02mm	227

Inch/Metric				
Range	Order No.	Resolution	Accuracy	Mass(g)
0-6" / 0-150mm	571-311-20	.0005" / 0.01mm	±.001"/±0.02mm	207
0-8" / 0-200mm	571-312-20	.0005" / 0.01mm	±.001"/±0.02mm	227

DIMENSIONS



Mitutoyo