

ABSOLUTE Digimatic Height Gage

SERIES 570 — with ABSOLUTE Linear Encoder

FEATURES

- Built-in ABSOLUTE linear encoder
This encoder eliminates the necessity of setting the reference point at every power-on. It has improved reliability because no over-speed error will occur.
- Fine-adjustment carriage for smooth movement.
- Carbide-tipped scriber is provided.
- With SPC data output.

Technical Data

Accuracy: Refer to the list of specifications
Resolution: .0005" / 0.01mm or 0.01mm
Display: LCD, 6-digit
Length standard: ABSOLUTE electrostatic capacitance type linear encoder
Max. response speed: Unlimited
Battery: SR44 (1 pc.), **938882**
Battery life: Approx. 5000 hours under normal use

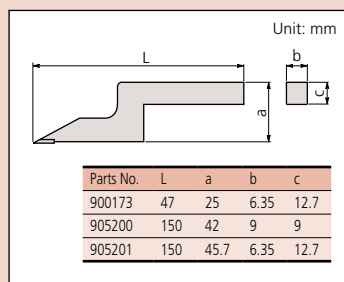
Function

Origin setting, ABS/INC switching, Presetting, +/- switching, Data hold, Data output, inch/mm conversion (on inch/metric models only)
Alarm: Low voltage, Counting value composition error

Standard Scriber Provided

Metric models: Carbide-tipped scriber (900173/905200*) and scriber clamp (901338/05GZA033*)
*0 - 1000mm model
Inch/Metric models: Carbide-tipped scriber (900173/905201*) and scriber clamp (901338/901385*)
*0 - 40" model

Dimension of scriber



Optional Accessories

905338: SPC cable (40" / 1m)
905409: SPC cable (80" / 2m)
953638: Holding bar for test indicator (length: 50mm)
953639: Holding bar for test indicator (length: 2")
902053: Swivel clamp used with holding bar (metric)
900322: Swivel clamp used with holding bar (inch)



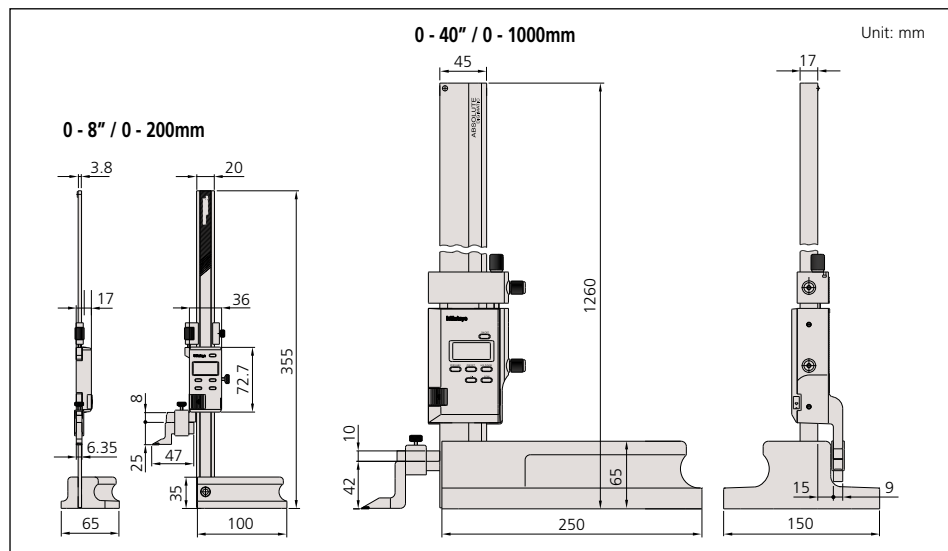
570-244

SPECIFICATIONS

Metric				
Range	Order No.	Accuracy	Resolution	Mass (kg)
0 - 200mm	570-227	±0.03mm	0.01mm	1.4
0 - 1000mm	570-230	±0.07mm	0.01mm	16.8

Inch/Metric				
Range	Order No.	Accuracy	Resolution	Mass(kg)
0 - 8" / 0 - 200mm	570-244	±.001"	.0005" / 0.01mm	1.4
0 - 40" / 0 - 1000mm	570-248	±.003"	.0005" / 0.01mm	16.8

DIMENSIONS



ABSOLUTE Digimatic Height Gage

SERIES 570 — with ABSOLUTE Linear Encoder



FEATURES

- Built-in ABSOLUTE linear encoder
This encoder eliminates the necessity of setting the reference point at every power-on. It has improved reliability because no over-speed error will occur.
- Rigid column structure ensures high measuring accuracy.
- With large, smooth slider-feed wheel.
- Carbide-tipped scriber is provided.
- With SPC data output.

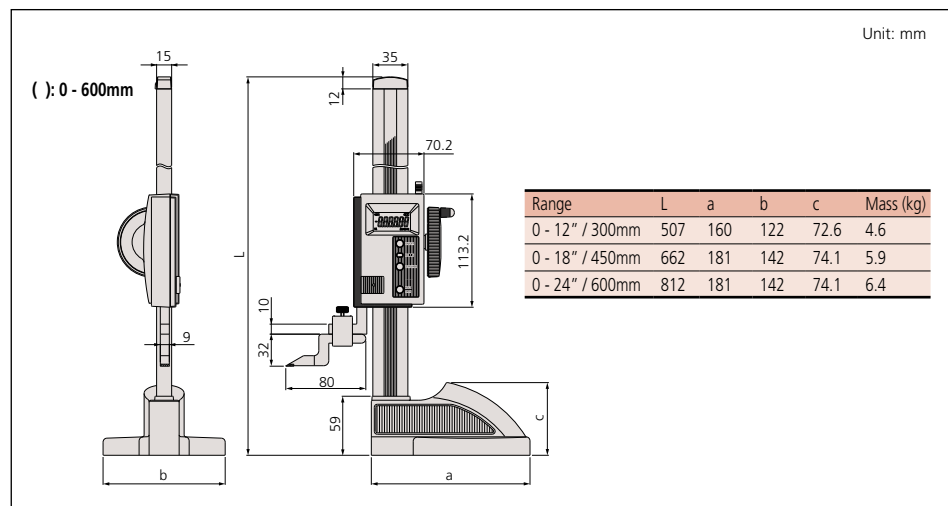


SPECIFICATIONS

Metric			
Range	Order No.	Accuracy	Resolution
0 - 300mm	570-302	±0.03mm	0.01mm
0 - 600mm	570-304	±0.05mm	0.01mm

Inch/Metric			
Range	Order No.	Accuracy	Resolution
0 - 12" / 0 - 300mm	570-312	±.0015"	.0005" / 0.01mm
0 - 18" / 0 - 450mm	570-313	±.002"	.0005" / 0.01mm
0 - 24" / 0 - 600mm	570-314	±.002"	.0005" / 0.01mm

DIMENSIONS AND MASS



Technical Data

Accuracy: Refer to the list of specifications
 Resolution: .0005"/0.01mm or 0.01mm
 Display: LCD, 6-digit
 Length standard: ABSOLUTE electrostatic capacitance-type linear encoder
 Max. response speed: Unlimited
 Battery: SR44 (1 pc.), **938882**
 Battery life: Approx. 20000 hours under normal use

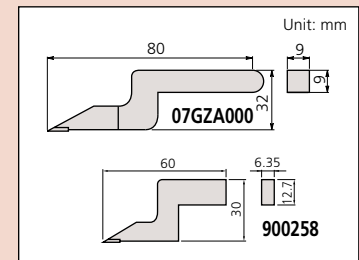
Function

Origin setting, ABS/INC switching, Power ON/OFF, Data hold, Data output, inch/mm conversion (on inch/metric models only)
 Alarm: Low voltage, Counting value composition error

Standard Scriber Provided

Metric models: Carbide-tipped scriber (**07GZA000**), scriber clamp (**05GZA033**)
 Inch/Metric models: Carbide-tipped scriber (**900258**), scriber clamp (**901385**)

Dimension of scriber



Optional Accessories

905338: SPC cable (40" / 1m)
905409: SPC cable (80" / 2m)
953638: Holding bar for test indicator (length: 50mm)
953639: Holding bar for test indicator (length: 2")
902053: Swivel clamp used with holding bar (metric)
900322: Swivel clamp used with holding bar (inch)



Large, smooth slider-feed wheel



Large clamp lever



Comfortable grip base