



ABSOLUTE Digimatic Height Gage

SERIES 570 — with ABSOLUTE Linear Encoder

Technical Data

Accuracy: Refer to the list of specifications.
(excluding quantizing error for digital models)

Resolution: 0.01mm or .0005"/0.01mm

Display: LCD, 6-digit

Length standard: ABSOLUTE electrostatic capacitance type linear encoder

Max. response speed: Un limited

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)

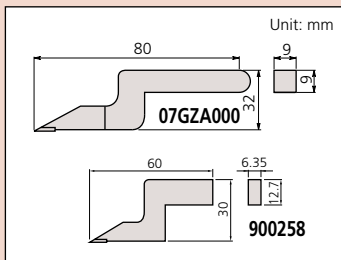
Alarm: Low voltage, Counting value composition error

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

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

Unit: mm

() : 0 - 600mm

Range	L	a	b	c	Mass (kg)
0 - 12" 300mm	507	160	122	72.6	4.6
0 - 18" 450mm	662	181	142	74.1	5.9
0 - 24" 600mm	812	181	142	74.1	6.4