

# ABSOLUTE Digimatic Height Gage

**SERIES 570 — with ABSOLUTE Linear Encoder**



## Technical Data

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

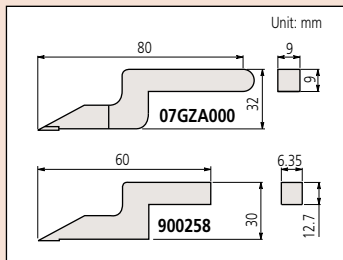
## Functions

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

## Standard Scriber Provided

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

## Dimensions of scriber



## Optional Accessories

**905338**: SPC cable (1m)  
**905409**: SPC cable (2m)  
**02AZD790F**: SPC cable for U-WAVE (160mm)  
**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



Fits the hand comfortably

## 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 over-speed errors cannot occur.
- Rigid column structure ensures high measuring accuracy.
- With large and smooth slider feed wheel.
- Carbide-tipped scriber is provided.
- SPC data output.

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## SPECIFICATIONS

Metric		
Range	Order No.	Accuracy
0 - 300mm	<b>570-302</b>	±0.03mm
0 - 600mm	<b>570-304</b>	±0.05mm

Inch/Metric		
Range	Order No.	Accuracy
0 - 12"	<b>570-312</b>	±.0015"
0 - 18"	<b>570-313</b>	±.002"
0 - 24"	<b>570-314</b>	±.002"

## DIMENSIONS

