

# 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 over-speed errors cannot occur.
- Fine-adjustment for precise positioning.
- Carbide-tipped scriber is provided.
- SPC data output.



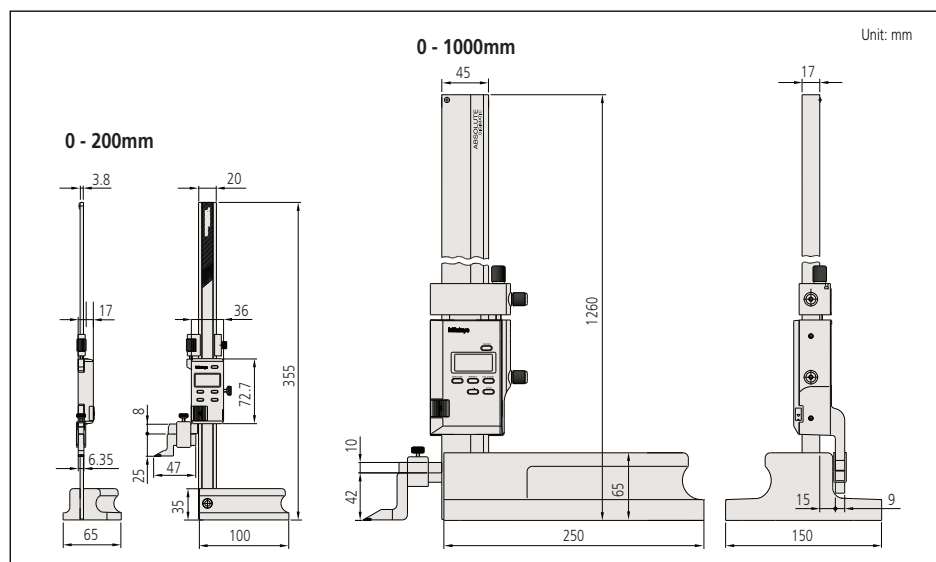
570-227

## SPECIFICATIONS

Metric		
Range	Order No.	Accuracy
0 - 200mm	<b>570-227</b>	±0.03mm
0 - 1000mm	<b>570-230</b>	±0.07mm

Inch/Metric		
Range	Order No.	Accuracy
0 - 8"	<b>570-244</b>	±.002"
0 - 40"	<b>570-248</b>	±.003"

## DIMENSIONS



SPC

**ABSOLUTE®**  
Absolute System Patented by MITUTOYO

(Refer to page VIII for details.)

## 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. 5000 hours under normal use

## Functions

Origin setting, ABS/INC switching, Presetting, +/- switching,  
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  
(**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

## Dimensions of scriber

Unit: mm				
Parts No.	L	a	b	c
900173	47	25	6.35	12.7
905200	150	42	9	9
905201	150	45.7	6.35	12.7

## 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)