

# Height Gage

A standard measuring tool of industry

## ABSOLUTE Digimatic Height Gage SERIES 570 — with ABSOLUTE Linear Encoder

- ABS and INC measurement modes allow efficient operation.
- Rigid structure makes instrument suitable for use in severe work environments.
- The +/- measurement function widens the application range.
- Allows integration into statistical process control and measurement systems. Refer to page A-3.
- Battery: **SR44** (1 pc), **938882**. For initial operational checks (standard accessory)
- Battery life is 5,000 hours under normal use.
- Carbide-tipped scriber (No. **900173** for Nos. **570-227** and **244**, and No. **905200** for Nos. **570-230** and **248**) is provided as a standard accessory. (Standard accessory: scriber cramp No. **901338** for Nos. **570-227** and **244**, and No. **05GZA033** for Nos. **570-230** and **248**)
- When a dial indicator or test indicator is used with **570-227**, the dedicated holding bar (**953639**, overall length 50mm) is recommended for use. However, instrumental error may be larger because the measurement point is further from the beam.
- For precision Black Granite Surface Plates, refer to page E-51.



570-227

## SPECIFICATIONS

### Metric

Order No.	Range	Resolution	Fine feed	Accuracy*	Repeatability	Height	Mass
<b>570-227</b>	0 - 200mm	0.01mm	4mm	±0.03mm	0.01mm	355mm	1.4kg
<b>570-230</b>	0 - 1000mm		6mm	±0.07mm		1260mm	16.8kg

\* Excluding quantizing error

### Inch/Metric

Order No.	Range	Resolution	Fine feed	Accuracy*	Repeatability	Height	Mass
<b>570-244</b>	0 - 8"	.0005" / 0.01mm	.16"	±.002"	0.01mm	355mm	1.4kg
<b>570-248</b>	0 - 40"		.24"	±.003"		1260mm	16.8kg

\* Excluding quantizing error

ABSOLUTE™

(Refer to page X for details.)

## Functions

Zero-setting  
+/- directional measurement  
Data hold  
Data output  
Presetting  
inch/mm reading (inch/mm models)  
Preset value memory  
Origin restoration  
Low battery voltage alert  
Counting value composition error alert

## Optional accessories

For details, refer to page D-39.

Connecting cables for IT/DP/MUX

**905338**: SPC cable with data button (1m)

**905409**: SPC cable with data button (2m)

USB Input Tool Direct

**06ADV380F**: SPC cable for **USB-ITN-F** (2m)

Connecting cables for **U-WAVE-T**

**02AZD790F**: SPC cable for **U-WAVE** with data button (160mm)

**02AZE140F**: SPC cable for footswitch