

# Height Gage

A standard measuring tool of industry

## ABSOLUTE Digimatic Height Gage SERIES 570 — Standard model

**MeasurLink<sup>1</sup> ENABLED**  
Data Management Software by Mitutoyo

- 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 (**900173** for **570-227** and **244**, and **905200** for **570-230** and **248**) is provided as a standard accessory. (Standard accessory: scriber clamp **901338** for **570-227** and **244**, and **05GZA033** for **570-230** and **248**)
- When a dial indicator or test indicator is used with **570-227** and **244**, the dedicated holding bar (**953639**, overall length 50 mm) is recommended for use. However, MPE (Maximum Permissible Error) may be larger because the measurement point is further from the beam.
- For precision Black Granite Surface Plates, refer to page E-49.



570-227

### SPECIFICATIONS

#### Metric

Order No.	Range (mm)	Resolution (mm)	Fine feed (mm)	Maximum Permissible Error* (mm)/ $E_{MPE}$	Height (mm)	Mass (kg)
<b>570-227</b>	0 - 200	0.01	4	±0.03	355	1.4
<b>570-230</b>	0 - 1000		6	±0.07	1260	16.8

\* Maximum Permissible Error,  $E_{MPE}$ , is the term (notation) used in JIS B 7517: 2018, revised based on ISO/TR 14253-6: 2012.

#### Inch/Metric

Order No.	Range (in)	Resolution	Fine feed (in)	Maximum Permissible Error* (in)/ $E_{MPE}$	Height (mm)	Mass (kg)
<b>570-244</b>	0 - 8	0.0005 in/0.01 mm	0.16	±0.002	355	1.4
<b>570-248</b>	0 - 40		0.24	±0.003	1260	16.8

\* Maximum Permissible Error,  $E_{MPE}$ , is the term (notation) used in JIS B 7517: 2018, revised based on ISO/TR 14253-6: 2012.

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Products equipped with the measurement data output function can be connected to the measurement data network system MeasurLink (refer to page A-5 for details).

**ABSOLUTE™**

### 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

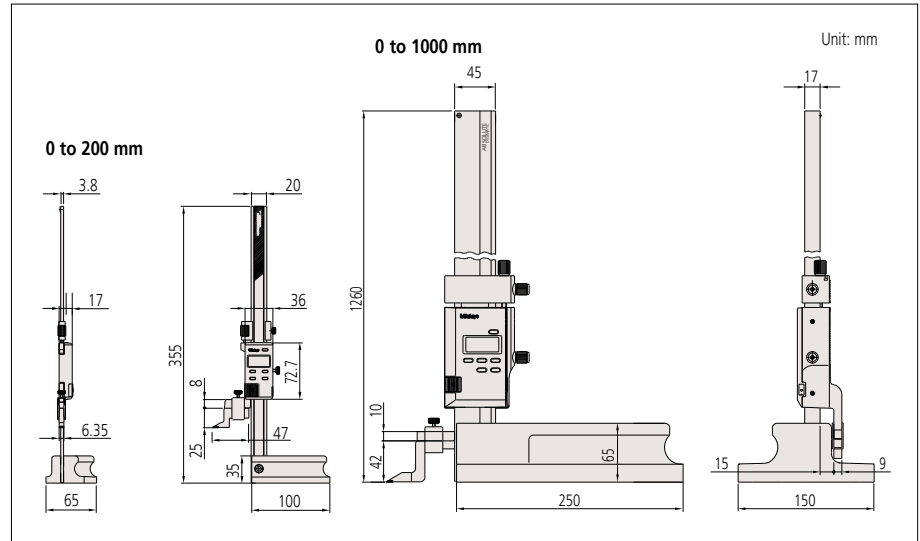
### Optional Accessories

For details, refer to page A-25.

- Connecting cables for **IT/DP/MUX**  
**905338**: SPC cable with data button (1 m)  
**905409**: SPC cable with data button (2 m)
- USB Input Tool Direct  
**06AFM380F**: SPC cable for **USB-ITN-F** (2 m)
- Connecting cables for **U-WAVE-T**  
**02AZD790F**: SPC cable with data button (160 mm)  
**02AZE140F**: SPC cable for foot switch

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## DIMENSIONS



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