

Height Gage

A standard measuring tool of industry

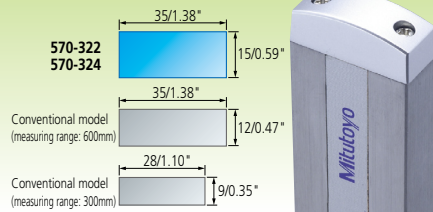
ABSOLUTE Digimatic Height Gage SERIES 570 — with Ergonomic Base

MeasurLink[®] ENABLED
Data Management Software by Mitutoyo

- Allows smooth elevation by the slider adjustment wheel, which is the same as the well-established double-column structure height gage.
- Large slider-clamp lever ensures positive and accurate clamping action.
- High durability and high accuracy are ensured by an improved column design (35x15 mm).

- Due to the built-in ABSOLUTE scale function, origin setting is not required each time power is turned ON.
- 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 20,000 hours under normal use.
- For precision Black Granite Surface Plates, refer to page E-49.

Dimensions of column cross section



- Character height of the LCD display is 10 mm.
- Ergonomic and stylish base fits comfortably in the hand.



SPECIFICATIONS

Metric						
Order No.	Range	Resolution	Accuracy*	Repeatability	Max. response speed	Mass
570-322	0 - 300 mm	0.01 mm	±0.03 mm	0.01 mm	Unlimited	4.6 kg
570-324	0 - 600 mm		±0.05 mm			6.4 kg

* Excluding quantizing error of ±1 count

Inch/Metric						
Order No.	Range	Resolution	Accuracy*	Repeatability	Max. response speed	Mass
570-312	0 - 12 in	0.0005 in / 0.01 mm	±0.0015 in	0.01 mm	Unlimited	4.6 kg
570-313	0 - 18 in		±0.002 in			5.9 kg
570-314	0 - 24 in		±0.002 in			6.4 kg

* Excluding quantizing error of ±1 count

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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[™]

(Refer to page X for details.)

Functions

Origin-setting:

Any convenient reference surface, such as a surface plate, etc., can be stored as the absolute origin point.

Absolute measurement:

After power is turned ON, measurement can be started without zero-setting if origin-setting was previously performed. Absolute origin position can be changed by ORIGIN button.

Incremental measurement: Allows origin setting at any arbitrary position. In this case, the origin point is not stored after turning off the power.

Data hold

Display value can be held.

Data output:

Allows integration into statistical process control and measurement systems. (Refer to page A-3.)

Low-voltage alert:

Low-voltage alert: If the battery voltage becomes low, a "B" appears in the display to alert the user before measurement is no longer possible so that the battery can be changed in good time.

Standard accessories

For 570-322, 324

07GZA000 Scriber

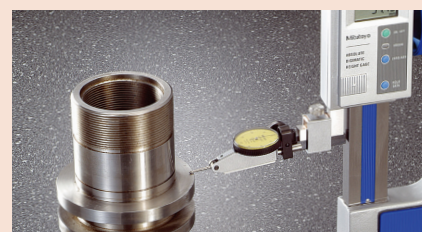
05GZA033 Scriber clamp

For 570-312 and 570-313, 570-314

900258 Scriber

901385 Scriber clamp

05GZA033



Optional accessories

For details, refer to page D-39.

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 for **U-WAVE** with data button (160 mm)

02AZE140F: SPC cable for footswitch



Slider height adjustment wheel



Large clamp lever



Base that fits the hand comfortably

DIMENSIONS

