## **Height Gage**

A standard measuring tool of industry

# ABSOLUTE Digimatic Height Gage SERIES 570 — with Ergonomic Base



Allows integration into statistical process

• Battery: SR44 (1 pc), **938882**. For initial

operational checks (standard accessory)

• For precision Black Granite Surface Plates,

• Battery life is 20,000 hours under normal use.

Note: Do not hold the height gage by the column as this

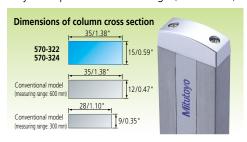
control and measurement systems.

Refer to page A-3.

refer to page E-46.

can affect the accuracy.

- 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 (35×15 mm).



- Character height of the LCD display is 10 mm.
- Ergonomic and stylish base fits comfortably in the hand.
- Due to the built-in ABSOLUTE scale function, origin setting is not required each time power is turned ON.



## SPECIFICATIONS

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

570-322

<sup>\*</sup> Excluding quantizing error of ±1 count

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

<sup>\*</sup> Excluding quantizing error of ±1 count



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**

• 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





#### **Optional Accessories**

For details, refer to page D-38.

 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





Slider height adjustment wheel



Large clamp lever



Base that fits the hand comfortably

### **DIMENSIONS**

