# **Height Gauges**

# **SERIES 570 – ABSOLUTE Digimatic Ergonomic Height Gauge**

- Allows smooth elevation by the slider adjustment wheel, which is the same type used on the wellestablished double-column height gauge.
- Large slider-clamp lever ensures positive and accurate clamping action.
- Character height of the LCD display is 10 mm.
- Due to the built-in ABSOLUTE scale function, origin setting is not required each time power is turned ON.
- Ergonomic and stylish base fits comfortably in the hand.
- Allows integration into statistical process control and measurement systems.
- High durability and high accuracy are ensured by an improved column design (35 x 15 mm).

MeasurLink® ENABLED

Data Management Software by Mitutoyo







Slider height adjustment wheel.



Large clamp lever.

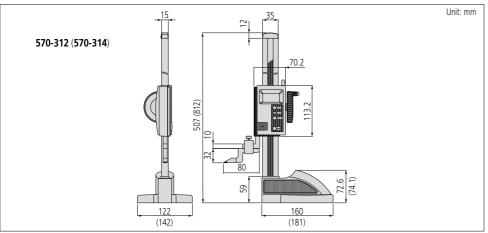
### **Specifications**

# Inch/Metric

Code No.	Range	Accuracy*	Resolution	Height	Mass	
570-312	0 - 300 mm (0 - 12")	±0.03 mm (±.0015")	0.01 mm (.0005")	507 mm	4.6 kg	
570-313	0 - 450 mm (0 - 18")	±0.05 mm (±.002")		662 mm	5.9 kg	
570-314	0-600 mm (0-24")			812 mm	6.4 kg	

<sup>\*</sup> Excluding quantizing error.

#### **Dimensions**



#### **Technical Data**

Repeatability: 0.01 mm Max. response speed: Unlimited

Battery: SR44 (1 pc.), **938882**Battery life: 20,000 hours under normal use

#### **Functions**

#### Origin-setting:

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

#### ABSOLUTE system measurement:

After power is turned ON, measurement can be started without zero-setting if origin-setting was previously performed. The ABS (absolute) origin position can be changed by the 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.

## 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**

**900258**: Scriber

900322: Clamp (with dovetail groove)

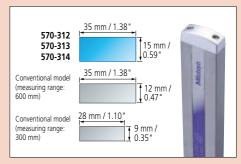
**901385**: Scriber clamp

**953639**: Holding bar C (test indicator mount)



# **Optional Accessories**

Description	
SPC data cable (1 m)	
SPC data cable (2 m)	
U-WAVE-T data cable (160 mm)	
U-WAVE-T data cable with footswitch (160/500 mm)	
USB input tool direct USB-ITN-C (2 m)	
	SPC data cable (1 m) SPC data cable (2 m) U-WAVE-T data cable (160 mm) U-WAVE-T data cable with footswitch (160/500 mm) USB input tool direct



Dimensions of column cross section.