



# Digital Height Gauge

## INSTRUCTION MANUAL

# Digital Height Gauge

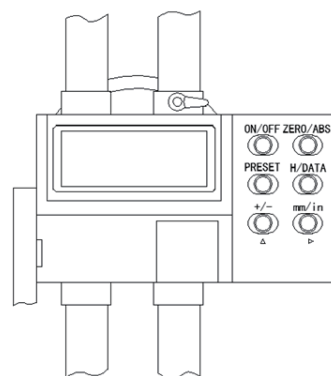
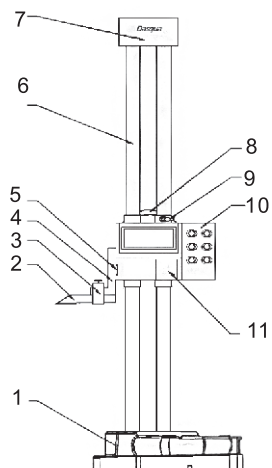


## FUNCTION

### INSTRUCTIONS

In order to ensure the safety of the operator and the use of the product, please read the product manual carefully.

### HEIGHT GAUGE COMPONENTS



- 1. Base
- 2. Scriber
- 3. Scriber clamp
- 4. Measuring blade
- 5. Output port
- 6. Column
- 7. Frame clamp
- 8. Hand wheel
- 9. Clamp
- 10. Slider
- 11. Battery cover

### TECHNICAL DATA

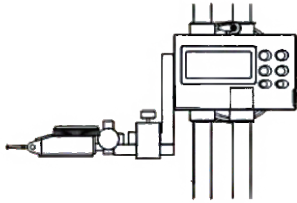
Range	0-300mm/0-12"    0-600mm/0-24"
Reading	0.01mm/0.0005"
Battery	CR2032Li-ion
Relative temperature	≤80%
Operating Range	0-40°C (32-104°F)
Storage temperature	-20~40°C (-4~104°F)
Maximum measuring speed	The hand wheel rotation speed is 6π rad/s

1. ON/OFF Button: Press to power on/off the height gauge
  - a. Press the ON/OFF button more than 2 seconds to switch on/off the optional Bluetooth.
2. ZERO/ABS Button: Switch between ABS (Absolute) and INC (incremental) modes
  - a. Press the ZERO/ABS button quickly, the origin for comparison measurement is set (0.00) and the "INC" displayed.
  - b. Press and hold the ZERO/ABS button for 2 seconds, the absolute measurement mode is set and the current slider position is displayed ("INC" is no longer displayed).
3. PRESET Button: Preset origin
  - a. Hold the ZERO/ABS button until the "INC" icon is no longer displayed.
  - b. Press the Preset button quickly in the absolute measurement mode, the previously preset value or "0.00" (if not set) is displayed, and "P" indicator flashes. Enters absolute origin preset function.
  - c. Press the ► button till the "+" or "-" begins to flash. Press the ▲ button quickly, to toggle switch between "+" and "-".
  - d. Continue to press the ► button to toggle between options in the preset function.
  - e. Press the ▲ button when a numerical value is flashing. The display changes in the order 0, 1, 2, ..., 8, 9, 0.
  - f. Press and hold the Preset button until the "P" indicator disappears. This will complete the preset.
  - g. Press the ZERO/ABS button in preset mode, the height gauge will exit preset mode and not save an origin.
  - h. Press the Preset button quickly in the absolute measurement and hold data mode, the preset value displays the hold data.
4. H/DATA: Hold the display value/output the measured data
  - a. Press the H/DATA button quickly, the current measurement value is holding, and the "H" indicator is displayed. Pressing the Preset button again displays the previous measurement state and the "H" indicator is disappears.
  - b. If a data cable or optional Bluetooth is connected to the height gauge, Press the H/DATA button quickly ► and the current measurement value will be outputted.
5. +/-: Press the +/- button quickly to change the counting polarity. The polarity of the slider's upwards displacement is negative if "R" indicator appears. Pressing the +/- button causes the displayed sign to change, if the origin has been set, please reset.
6. mm/in: Pressing the mm/in button, switches between mm and in.
- g) ►: Switch low and high resolution. Press the ► button for 2 seconds to switch the resolution between 0.01 mm/0.0005" and 0.005mm/0.0002").

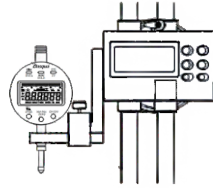
## HEIGHT RULER ACCESSORIES

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In addition to the standard measuring blade, the height ruler can also be used with a lever gauge and an indicator, as shown in the following figure



Add lever meter



Add indicator meter

## BATTERY REPLACEMENT

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1. Slide the battery cover towards the base.
2. Remove the battery (CR2032).
3. Install the new battery. Positive (+) faces the user.
4. After the battery has been replaced, the height gauge will turn on. The origin will need to be reset.

If the height gauge malfunctions, try removing the battery and replacing again.

## OPTIONAL FEATURES

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|-------------------------|--------------------------------------|
| 1. Electronic probe     | 2. Built in Bluetooth                |
| 3. Limited transmission | 4. Wireless serial port transmission |

## NOTES

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1. Remove rust preventative oil from the base with a soft cloth. Use alcohol on the cloth to help remove oil.
2. To carry the height gauge, hold the base with one hand and support the back of the slider with the other. Do not lift by gripping the column or frame clamp.
3. Do not move the slider quickly.
4. Do not use the height gauge in an area that exposes it to oil water or dust.
5. To move the height gauge on a surface pate, slide it by holding the base.
6. Do not apply excessive force to the gauge or drop it.
7. To clean the column, base, scribe or display panel, wipe it with a lint free cloth and rust preventative.