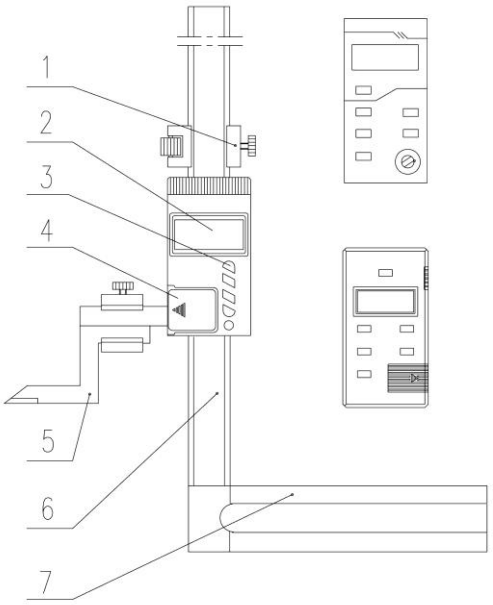
DIGITAL HEIGHT GAUGE
OPERATION INSTRUCTIONS

● TECHNICAL SPECIFICATIONS

Measuring range: 0-200mm/8”, 0-250mm/10”, 0-300mm/12”, 0-400mm/16”,
0-500mm/20”, 0-600mm/24”, 0-1000mm/40”, 0-1500mm/60”
Resolution: 0.01mm/0.0005”
Repeatability: 0.01mm
Max. measuring speed: 1.5m/s
Power: 1pc silver oxide button battery, SR44W (1.5-1.6V)
or 1pc Lithium button battery 2032 (3V)
Working conditions: Temperature: 0 ~ +40℃
Relative humidity: ≤ 80%
Storage temperature: -20 ~ +70℃

● NOMENCLATURE



1. Fine adjustment
2. LCD display screen
3. Buttons
4. Battery cover
5. Scriber/Measuring jaw
6. Scale
7. Base

● FEATURES

1. Zero setting at any position, for comparative measurement.
2. After setting zero, when the slider moves down, the Digital Height Gauge will display digits with the minus sign “-”.
3. Metric and Inch system interchange at any position
4. Data output.
5. Low voltage alarm.
6. Data presetting.
7. Data holding.
8. Absolute/Relative Measurement conversion.
9. Tolerance setting.
10. Manual power on/off.

● BUTTON FUNCTIONS

1. ON/OFF button: Manual power on/off.

When the Digital Height Gauge is power off, press this button to switch on and start working. When the Digital Height Gauge is in use, press this button to switch off and stop working.

2. ZERO button: Zero setting.

When the slider is in any position, press this button and the current position will be set as ZERO, and the previous measured value will be canceled.

3. ZERO/ON/OFF button: power on/off and zero setting at any position.

A). When the Digital Height Gauge is in Relative Measurement status, press ZERO/ON/OFF button (less than 2 seconds) at any position and the current position will be set as Relative ZERO.

B). When the Digital Height Gauge is in Absolute Measurement status, press ZERO/ON/OFF button (less than 2 seconds) at any position and the current position will be set as Absolute ZERO.

C) Whether it's in Relative or Absolute Measurement status, keep pressing ZERO/ON/OFF button (more than 2 seconds) and the Digital Height Gauge will be power off.

4. mm/in button: Metric and Inch system interchange at any position

5. ABS button: Absolute/Relative Measurement conversion.

Mark "INC" will be displayed when it's in Relative Measurement status. And no mark will be displayed when it's in Absolute Measurement

6. HOLD button: data holding.

Press HOLD button once and the displayed value will be holding. Press this button once again and the data holding will be released.

7. TOL button: Tolerance presetting and measuring.

TOL button must work together with SET button to preset tolerance,.

8. SET button: Data presetting.

Press SET button, the mark "SET", positive symbol "+"and displayed digits from left to right will flash one by one in turn. (If it's in Relative Measurement status, it will display 0.00mm or 0.000in. If it's in Absolute Measurement status, it will display the data preset last time).

Keep pressing SET button, when the digit that need to set flashes, release SET button. Then press SET button once (less than 1 second), and the current value will increase by 1 (0-9 cycling). Repeat doing this until you set the value you need. After setting one digit, keep pressing SET button and the next digit will flash for setting.

After setting all the digits, when the mark "SET" flashes, press SET button once again (less than 1 second), then the mark "SET" will disappear and the Digital Height Gauge will display the preset data.

8. PRESET button: Searching the preset data.

If the preset data is 82.5, press PRESET button to search 82.5. The LCD will display digits approaching 82.5 from fast to slowly.

(Remarks: For different digital modules, the buttons and their locations are different, without prior notice.)

● INSTRUCTIONS

1. Before using the Digital Height Gauge, unlock the locking screw to move the slider.
2. Before measuring, clean the base and the measuring face with dry and clean cloth. Press ON/OFF button to switch on, put the base on a plate, move the slider and make the measuring face touch the surface of the plate, set zero.
3. When measuring, move the slider until the measuring jaw is a little higher than the measured workpiece, then use the fine adjustment to make the measuring face touch the measured workpiece.
4. When scribing, the base should keep touching the plate and move smoothly.

5. Please hold the base when move the Digital Height Gauge. To avoid the scale deforming, do not carry only the scale to move the Digital Height Gauge.

6. When all the digits keep flashing simultaneously, or there is no display after switching on, please replace the battery with a new one.

7. Never apply voltage or engrave with en electric pen on any part of the Digital Height Gauge for fear of damaging the electronic parts.

8. When the data output interface is not in use, do not take off its cover. Do not use metal devices to touch the data output interface for fear of damaging the electronic parts.

9. If the display value doesn't change when moving the slider (fixed digits when no pressing HOLD button), it's an accidental trouble in circuit. Take out the battery and reset it after 2-3 minutes.