

Digital depth gauge uses high-accuracy absolute memory technology. It keeps track of its origin position once set. When the digital caliper is turned on, the large LCD displays the actual sensor position ready to start measuring. It is not necessary to reset zero each time the caliper is powered on. The measuring speed is unlimited. Includes standard USB data output. High-quality surface finish for extra smooth slider movement. To ensure operator safety, read the specifications and functions, and follow the directions given in this User's Manual.

### IMPORTANT

1. Before use, wipe the preservative oil from the caliper with a soft cloth.
2. Never apply voltage, such as electronic engraving, to any part of the caliper, as this may damage the caliper electronics.
3. Ensure the caliper is clean and dry after use to avoid corrosion.

### SPECIFICATIONS

Resolution: 0.0005" / 0.01mm

Accuracy:  $\pm 0.0012"$  \  $\pm 0.03\text{mm}$  (range  $\leq 8"$  \ 200mm)  
 $\pm 0.0016"$  \  $\pm 0.04\text{mm}$  (range: 12" \ 300mm)

Power: 3V, CR2032 lithium battery included

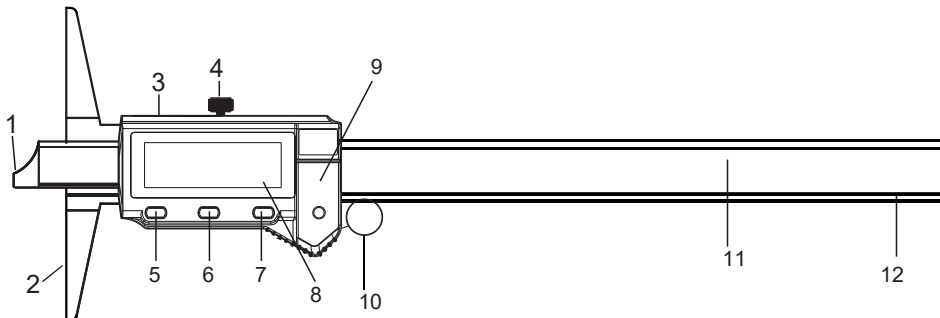
Operating environment: Temperature 0 to 40°C (32 to 104°F); relative humidity < 80%

Battery life: 1 year under normal operation

Storage temperature: -10 to 60°C (-14 to 140°F)

### CALIPER COMPONENTS

1. Step measuring face
2. Depth arm
3. Battery cover
4. Locking screw
5. ON/OFF switch
6. Unit selection button
7. ABS button
8. LCD Screen
9. Origin button
10. Thumb Wheel
11. Scale
12. Beam



### SET UP

1. Press the power button. If display does not show a value, check condition of the battery
2. Rotate the locking screw counterclockwise to unlock the caliper
3. Use the thumb wheel to adjust jaws.
4. Clean the measuring surface of the jaws.
5. Close the jaws.
6. Press the power button, and set the zero position.
7. The caliper is ready to measure.

### OPERATIONS

#### 1. Measurement

- a. Press  $\odot$  button to turn on the caliper.
  - b. Press in/mm key to select desired unit system.
  - c. ABS button: Press and release ABS button at any position. The display will show "0.00" and "INC", the caliper is ready for relative measurement. Press and release ABS button to turn back the absolute measurement, the symbol "INC" disappears.
  - d. 0/Origin button: Clean measuring face then close the caliper, press and hold ~1-2 sec 0/Origin button, LCD displays "0.00", now the absolute origin is set. There is no need to set again except when replacing the battery.
- e. Move the slider such that the measuring face touches gently and read the measurement on the display

#### 2. Battery installation

- a. When " $\square$ " (low voltage alarm) blinks or no display, means the battery needs replacing. Remove the battery cover, and remove the battery. Install a new battery, the positive (+) side will face the user. Replace the battery cover.

### CAUTIONS

1. Do not disassemble, short-circuit, charge, or heat the battery.
2. The caliper jaws have sharp edges, handle it with great care to avoid injury.