

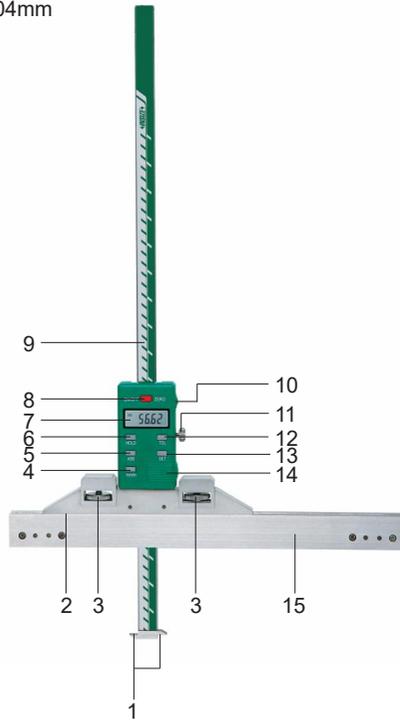


# OPERATION INSTRUCTION

## Digital Double Hook Depth Gauge

**Attention: This caliper is not waterproof. If there is coolant liquid on the sticker, the reading may be incorrect. Please clean the sticker with dry cloths. If the problem is not solved, please use WD40 to clean the sticker.**

Resolution: 0.01mm/0.0005"  
Accuracy: ±0.04mm



- 1-Measuring face
- 2-Base plane
- 3-Locking nut
- 4-'in/mm' button
- 5-'ABS' button
- 6-'HOLD' button
- 7-LCD display
- 8-'ON/OFF' 'ZERO' button
- 9-Beam
- 10-USB output
- 11-Locking screw
- 12-'TOL' button
- 13-'SET' button
- 14-Battery cover
- 15-Extension base(optional)
- 16-Gage block



1. The positive side should face out when install battery.

2. Buttons:

- ON/OFF ZERO---short press to power on;short press to set zero after power on
- long press to power off
- HOLD---short press to keep the reading. Short press again to release.
- mm/in---short press for metric and inch reading conversion.

ABS---short press for absolute and relative measuring mode conversion.The normal mode is absolute measuring mode. Short press to enter relative measuring mode at any point, "INC" appears and press "ZERO" button (this point is called 'relative zero point'). In this mode, the reading is the distance to the relative zero point. Short press again to go back to absolute measuring mode.

SET---short press to enter set mode, "SET" blinks. Then long press to position the digit, the digit blinks when positioned. Release the button if you want to change the digit. Short press the button to change the digit from 1 to 9. Long press to the next digit. After setting, long press until "SET" blinks, short press it to exit set mode. short press to enter tolerance set mode, "▲" appears and "SET" blinks. Set the upper limit value same as the above set mode. After setting the upper limit, long press until "SET" blinks. Short press, "▼" appears and "SET" blinks, set the lower.

TOL--- limit value as above. After setting, long press until "SET" blinks, short press again to exit tolerance measurement mode.

During tolerance measurement mode, "▲" appears if the reading is larger than the upper limit, "▼" appears if the reading is smaller than the lower limit, "OK" appears is the reading is within the tolerance.

3. Before use:

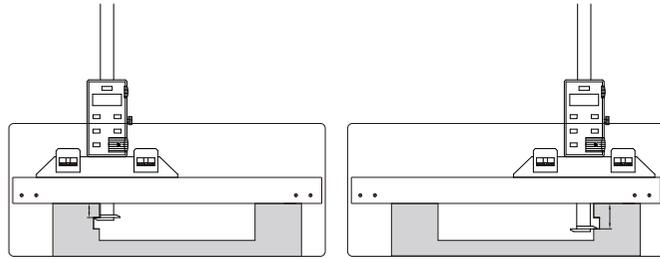
- Without extension base: Clean the measuring faces and base plane with soft cloth. Gently pull the beam to let measuring face contact with the base plane, lock the locking screw and press "ZERO" button to set zero. Caliper should be checked regularly to make sure that it is properly zero set.incorrect.
- With extension base: Press locking nut, clamp the bolt in the T-shaped groove of the extension base (Fig.1), push the extension base to a suitable position, and then lock the locking nut. Set the initial value to be consistent with the gage block value. Hook the gage block on the measuring surface (Fig.2), make the gage block fit with measuring surface and extended base plane, and press "zero" button to display the initial value.



fig.1



fig.2



Measurement diagram of double hook

4. Please pay attention to follow two points during measurement:
  - Make sure no dust, cutting chips or other debris on the measuring faces and workpiece surface, otherwise, the measurement may be incorrect.
  - Measuring face and base plane should be protected from being scratched or damaged. It's necessary to press base steady and apply constant and proper force to pull beam.
5. Optional accessory: extension base, data output cable (code 7302-SPC7, keyboard format)
6. When battery alarm symbol appears on the left please replace the battery. If digits do not change when buttons are pressed or vernier is moved, take out battery and put it back after 1 minute. Remove battery if gage is not to be used for a long period of time.
7. Working temperature is 0-40°C. Do not put gage near strong magnetic field. Keep gage dry. Prevent liquid from getting into gage to damage electronics.