

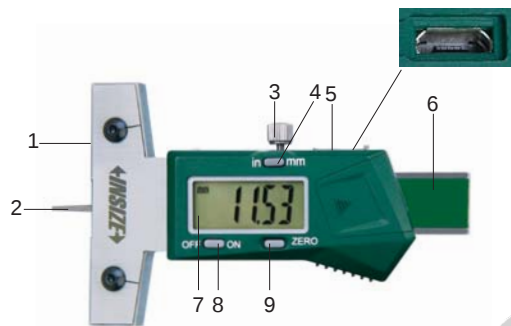


OPERATION INSTRUCTION

Digital Depth Gauge Series 1145-25A

Resolution: 0.01mm/0.0005"
Accuracy: $\pm 0.03\text{mm}$ (Range: 0-25mm/0-1")

- 1-Base plane
- 2-Measuring probe
- 3-Locking screw
- 4-'in/mm' button
- 5-USB output
- 6-Beam
- 7-LCD display
- 8-'OFF/ON' button
- 9-'ZERO' button



1. The gauge is not waterproof. The reading may not be correct if there is coolant or other liquid on caliper.

2. Install battery:

- Remove the battery cover (fig.1)
- Put CR2032 battery into battery house, the positive side of battery (+) should face out
- Close the battery cover

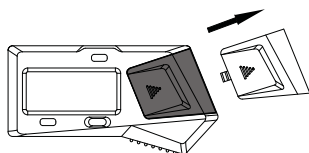


fig.1

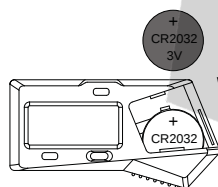


fig.2

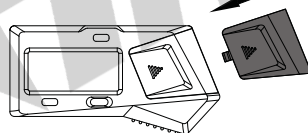


fig.3

3. Buttons:

- 'in/mm' is for inch and mm conversion
- 'OFF/ON' is to turn on/off
- 'ZERO' is to set zero

4. It is necessary to set zero on the zero set surface before measuring. Clean the measuring face and zero set surface with soft cloth, then put the base plane on the zero set surface, keep pressing the base. Gently pull the beam to let measuring face contact with the zero set surface, lock the locking screw and press "ZERO" button to set zero (fig.4). Gauge should be checked regularly to make sure that it is properly zero set.



fig.4

5. Please pay attention to follow two points during measurement:

- Make sure there are 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 is necessary to press the base steady and apply constant and proper force to pull the beam.

6. Automatic power off in about five minutes. Press 'OFF/ON' button or move the digital unit to turn on display.

7. Optional accessories: SPC cable (series 7306, series 7308, code 7302-SPC5A), depth base attachment (code 6140).

8. One battery can last for one year use. When the battery is running out, the display will become weak, abnormal reading or other phenomena will appear when moving the digital unit, please replace battery. If gauge is not be used for more than 3 months, please remove the battery. Otherwise, liquid may leak from the battery and damage the caliper.

9. If digits do not change when buttons are pressed, take out battery and put it back after 1 minute.

10. Working temperature is 0-40°C/32-104°F, relative humidity should not exceed 80%.