

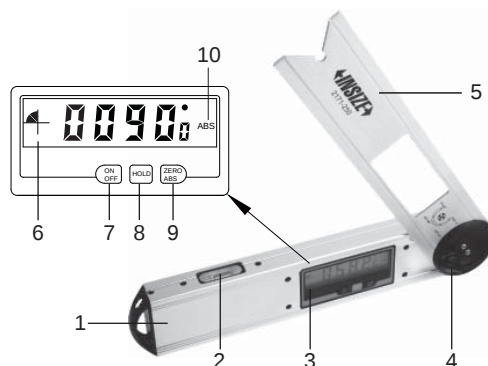
Digital Protractor 2171-250

Measuring range: 0-360°

Resolution: 0.05°

Accuracy: $\pm 0.15^\circ$

- 1-Aluminum base
- 2-Level bubble
- 3-LCD display
- 4-Locking screw
- 5-Stainless steel rule
- 6-Analog quadrant
- 7-"ON/OFF" button
- 8-"HOLD" button
- 9-"ZERO/ABS" button
- 10-ABS mode



1. Product is used to check level, measure angle and assist to scribe.

2. Install battery:

- Screw off the battery cover counterclockwise (Fig.1)
- Insert CR2032, the positive should face up (Fig.2)
- Install battery cover, screw on it clockwise (Fig.3)

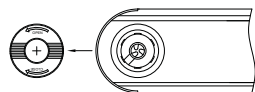


Fig.1

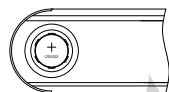


Fig.2

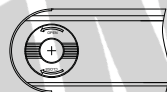


Fig.3

3. Button

ON/OFF---Short press, screen display on or off. Long press about 5s to power off.

HOLD---Short press, hold the value.

ZERO/ABS---Short press, relative/absolute measurement conversion. Long press about 3s in ABS mode to set zero.

4. Fix the locking screw in 4 positions for different range (the measuring range is 0-360° without the locking screw).

Note: Rotate stainless steel rule until the locking screw is the end of arc, and then replace the locking screw.

Range: 0°~225°	Range: -45°~180°	Range: -180°~45°	Range: -225°~0°

5. Measurement

a. Check level (Fig.4).

b. Check vertical: Set the angle 90° (Fig.5), check the vertical follow the Fig.6.

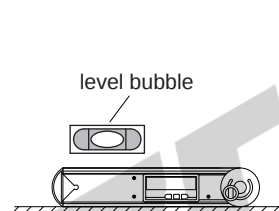


Fig.4

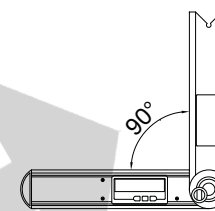


Fig.5

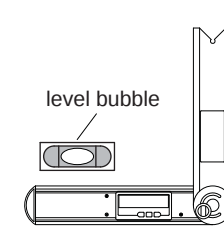


Fig.6

c. Measure angle (Fig.7, Fig.8) and scribe (Fig.9).

Note: Both sides can be measuring face. The screen can rotate when negative angle measurement in ABS mode.

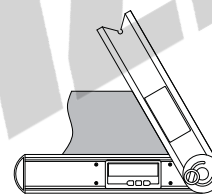


Fig.7

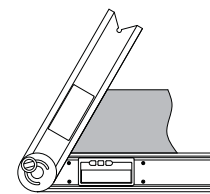


Fig.8

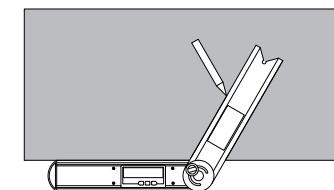


Fig.9

6. Automatic power off in about 5 minutes. If the product is not be used for a long period of time, please remove the battery. Otherwise, liquid may leak from the battery and damage the product.

7. Product is not waterproof. Please prevent liquid from getting into product to damage internal parts.

8. Working temperature is -10~50°C/14~122°F, relative humidity should not exceed 85%.