

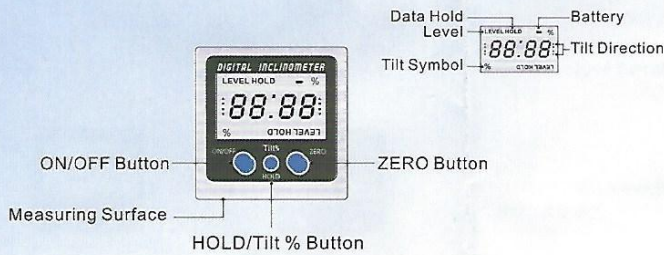
**Product Features**

1.  Aluminum alloy enclosure,  Plastic enclosure;
2. Relative/absolute measurement interchange at any position;
3. Angle and slope readout conversion;
4. Data hold;
5.  Magnet in bottom,  Magnet in three surfaces;
6. Power-off automatically in 5 minutes;
7. Portable size, convenient to co-work with other measuring tools and enlarge measuring range;

**Technical Parameters**

1. Measuring range: 4°~90°
2. Resolution: 0.05°
3. Accuracy: ±0.2°
4. Repeatability: 0.1°
5. Battery: 9V battery
6. Working temperature: 0°C~40°C
7. Which is convenient to be attached to the object measuring workpiece
8. Absolute zero measurement based on the level surface
9.  Dimension: 57\*57\*30.5mm, N. Weight: 200g  
 Dimension: 61\*59\*31mm, N. Weight: 200g  
 Dimension: 57\*57\*30.5mm, N. Weight: 93.5g

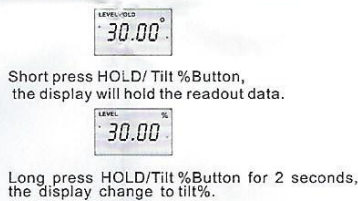
**Function Description**



**ON/OFF Button ( ON/OFF )**

Press lightly ON/OFF button, the power turns on, it displays absolute level angle. Press ON/OFF button again, the power turns off.

**HOLD/Tilt % Button (HOLD/Tilt%)**



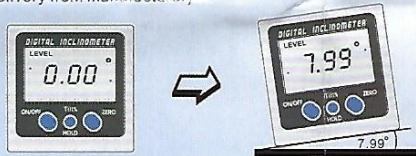
**ZERO Button ( ZERO )**

Set relative zero position.

1. Measurement initially displays 0.00° on the LCD, when it displays "▲" on the left side "▼" on the right side, it means the left side is higher and right side lower; when it displays "▼" on the left side "▲" on the right side, it means the left side is lower and right side higher.
2. Turn on the instrument and begin to measure, the read-out is the measured angle value relatively to the absolute level.
3. The magnets at the bottom allow the instrument to be attached onto iron material measuring object. Press the "ZERO" button, reset the value to proceed relative measurement.

**Absolute Measuring Mode**

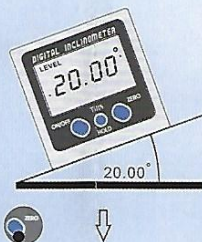
Turn on the instrument and begin to measure, the read-out is the measured angle value relatively to the absolute level (the instrument has been calibrated well the absolute zero position before delivery from manufacturer).



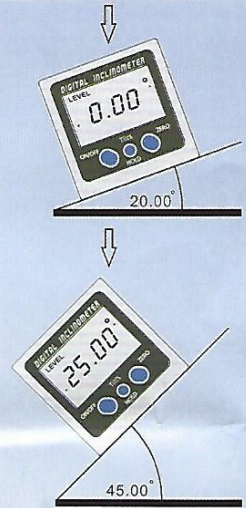
**Relative Measuring Mode**

The instrument allows to set zero at any slope as reference surface, and to measure the relative angle based on this slope.

1. When it turns on, put the instrument onto the measuring surface (showing the angle comparing to absolute level)



2. Press ZERO button, it display "0.00°".



3. Put the instrument on the surface that needs to be measured, or change the angle on the reference surface, the readout displays the angle value comparing to the reference surface ( here it is 25°).

**Recalibration**

1. Put the bottom surface of the instrument onto level surface which has been calibrated.
2. When it is power-off, hold the instrument, press the "ZERO" button, then press the "ON/OFF" button, the LCD displays "CAL1", entering the calibration status.

- (1) Hold the instrument and keep it still, and then press the ZERO button, the LCD displays "CAL2"



- (2) Rotate 90 degree clockwise, hold the instrument and keep it still, press the "ZERO" button again, the LCD displays "CAL3";



- (3) Rotate 90 degree clockwise, hold the instrument and keep it still, press the "ZERO" button again, the LCD displays "CAL4";



- (4) Rotate 90 degree clockwise, hold the instrument and keep it still, press the "ZERO" button again, the LCD displays "CAL5";



- (5) Rotate 90 degree clockwise, hold the instrument and keep it still, press the "ZERO" button again, the LCD displays "PASS"; then displays "0.00°"



▲ Now the calibration is finished ,new lever surface replaces the previous one. Please notice to keep the instrument still when pressing "ZERO" button.

▲ The inclinometer is fully calibrated prior to shipment from the factory. Please recalibrate the inclinometer only when it is inaccurate.

**Application**

More widely application is in wood processing industry ( especially in furniture manufacturing industry) for wood angle accurate cutting; auto repair industry for tiring assembling angle accurate controlling; in machining industry for machine tool working angle accurate positioning, and large vehicle arm rotation angle etc

**Packing**

Product size: 57\*57\*30.5mm  
Product packing: color box/93\*82\*40mm