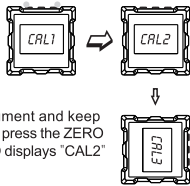


Recalibration

- Put the bottom surface of the instrument onto level surface which has been calibrated.
- 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.

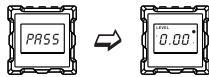


- Hold the instrument and keep it still, and then press the ZERO button, the LCD displays "CAL2".
- Rotate 90 degree clockwise, hold the instrument and keep it still, press the "ZERO" button again, the LCD displays "CAL3".

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



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



- 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 level 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

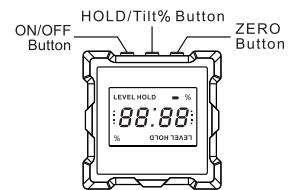
It is widely applied in wood processing industry (especially in furniture manufacturing industry) for the accurate cutting of wood angle; auto repair industry for the accurate control of tire angle; machining industry for the accurate position of tool working angle as well as the rotation angle of large vehicle arms etc.

■ The company has the final interpretation right and is subject to change without notice.

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Digital Inclinometer Instruction Manual

Function Description



Product Features

- Relative/absolute measurement interchange at any position;
- Angle and slope readout conversion;
- Data hold;
- The display will turn off if you don't operate the device within 30 seconds. The product will automatic turn off if you don't operate it device within 3 minutes.
- Compact and portable, wide application.
- Built-in powerful magnets in four corners.

Technical Parameters

- Measuring range: $4^{\circ}90^{\circ}$
- Resolution: 0.05°
- Accuracy: $\pm 0.2^{\circ}$
- Repeatability: 0.1°
- Battery: 2XAAA batteries
- Working temperature: -10 to 50°C
- Magnetized bottom makes various stick-on measurements simple and accurate;
- Absolute zero measurement based on the level surface;



ON/OFF Button(ON/OFF)

Short press the ON/OFF button to turn it on or off.

HOLD/Tilt% Button(HOLD/Tilt%)



Short press HOLD/Tilt% Button, the display will hold the readout data.



Long press HOLD/Tilt% Button for 2 seconds, the display will change to tilt%.

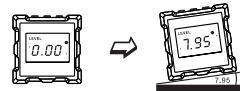
ZERO Button

- 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.
- Turn on the instrument and begin to measure, the read-out is the relative angle of the absolute level.
- 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 relative angle of the absolute level (The absolute zero position of the instrument has been factory-calibrated).



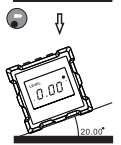
Relative Measuring Mode

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

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



- Short press ZERO button, it displays "0.00".



- 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 relative to the reference surface (here it is 25°).

