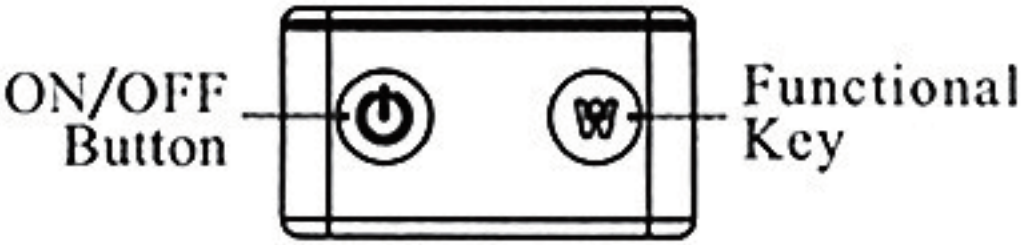
sisco

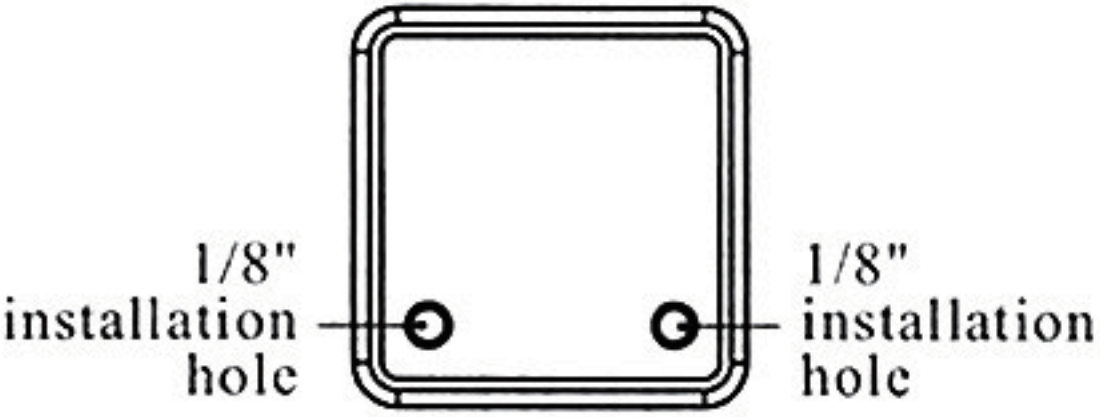
POCKET WIRELESS INCLINOMETER

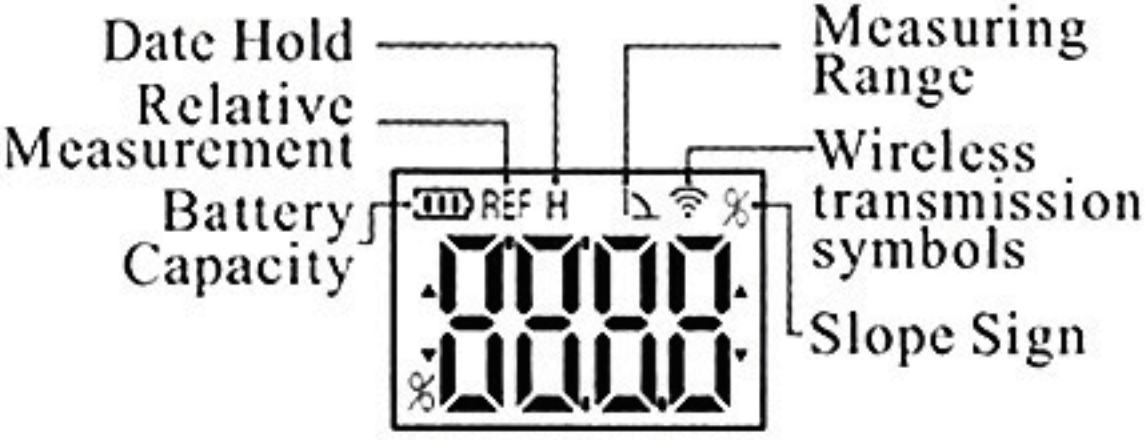
Operation Instruction

- Producers reserve the right to change specifications without prior notice.
- Attention: Please read this manual carefully before using this product.

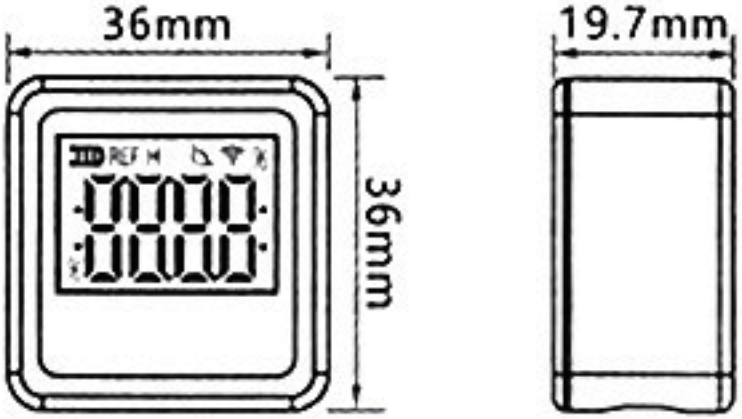
Function Description







Product Size



Product Features

1.Relative/absolute measurement interchange at any position;
2.Angle and slope readout conversion;
3.Data hold;
4.The product has auto off function, when stationary for more than 3 min, it will turn off the battery by itself.
5.Backlight: it will be turned on automatically when it is turned on, and will be turned off automatically after 30S of inactivity.
6.Compact and portable, wide application.

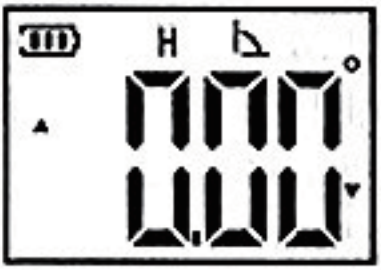
Technical Parameters

1. Measuring range: 4*90°
2. Resolution: 0.05°
3. Accuracy: ±0.2°
4. Repeatability: 0.1°
5. Power supply: 3.7V lithium battery
6. Working temperature: -10 to 50℃
7. Magnetized bottom makes various stick-on measurements simple and accurate;
8. Absolute zero measurement based on the level surface;

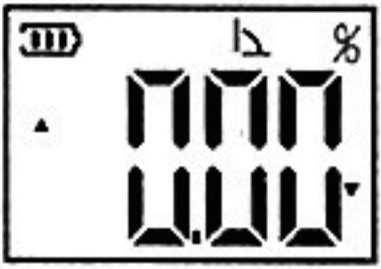
ON/OFF Button(⏻)

Press the " ⏻ " button lightly to turn on the machine, and the machine will display an absolute horizontal angle when turned on. Press and hold the " ⏻ " button again to turn off the machine;

Function key(W)



Short press "W" Button,the display will hold the readout data.

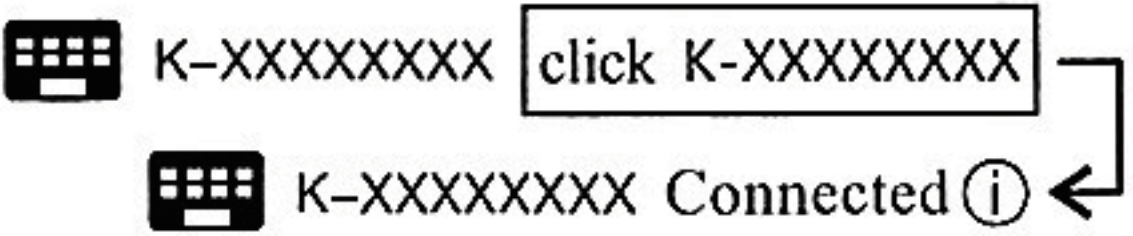


In the locked state, press and hold the "W" key for a long time, and then switch to slope%.

Wireless data transmission function

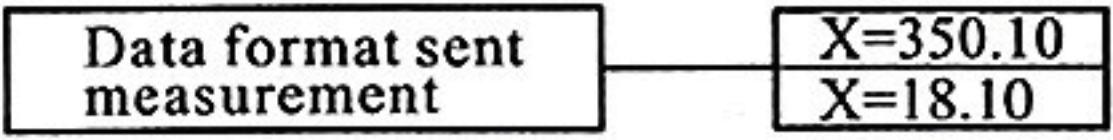
Pairing: When the inclinometer box and the receiving equipment with Bluetooth device (computer, mobile phone, etc.) are used

together for the first time, they need to be paired. The specific operation method is: turn on the Bluetooth search function of the receiving equipment (computer, mobile phone, etc.), and press and hold the "W" key on the inclinometer box until the "ᯤ" on the LCD of the inclinometer box starts flashing, indicating that the angle gauge enters the searched mode, and then release the "W" key and wait K-XXXXXXXX. After the connection is successful, the "ᯤ "on the liquid crystal of the tilt box remains on.



Transfer data (using mobile phones and computers as examples): After the link is successful, open the office software and keep the interface active. Short press the "W" button, and the tilt box can send data to the

receiving device (mobile phone, computer) (data format is shown in the following figure).



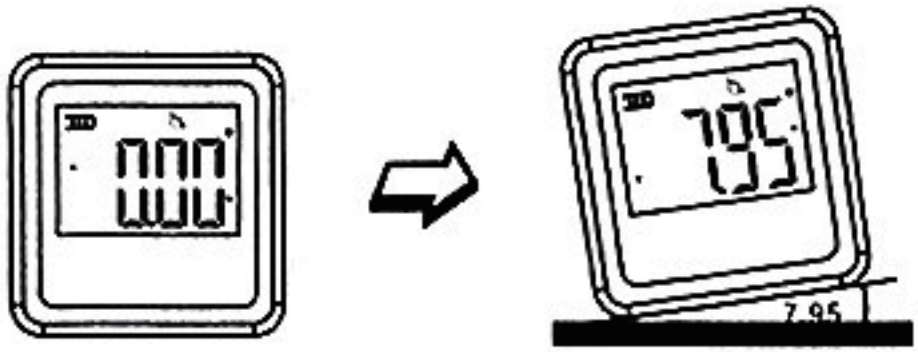
Note: Under wireless receiver mode, the measuring range displayed on the product is 4x90°, while the measuring range displayed on the phone receiver is 0-360°.

Initial state

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 relative angle of the absolute level.
3. "⊾" Measurement range: 4 * 90 °

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 nstrument has been factory-calibrated).



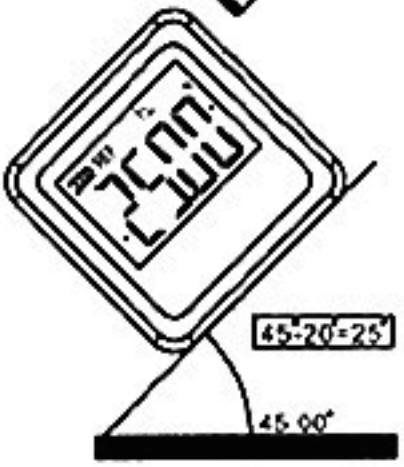
Relative Measuring Mode

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

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

2.Short press the " ⏻ " key to change the displayed value on the screen to "0.00 °" and display the character "REF"

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



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 angel; machining industry for the accurate position of tool working angle as well as the rotation angle of large vehicle arms etc.