

Digital Inclinometer

1.Product Features

- Relative/absolute measurement interchange at any position
- Built-in magnets on measuring surface
- Slope measurement in % and °
- Power-off automatically in 2 minutes
- Portable size, convenient to co-work with other measuring tools
- Backlight

2.Technical Parameters

- 1.Measuring range: $4 \times 90^\circ$
- 2.Resolution: 0.05°
- 3.Accuracy: $\pm 0.2^\circ$
- 4.Battery: 2xAAA, 1V
- 5.Working temperature: $0^\circ\text{C} \sim 40^\circ\text{C}$

6.Dimension: 57x55x27 mm

3. Operating Instructions:

1.Press the «ON/OFF» button, it turns on, and the LCD displays absolute horizontal angle. «Level» is displayed on the screen. Press «ON/OFF» button again to switch off the instrument.

2.If you lift left side of the instrument you will see arrow «▲» on the left side of the display. On the right side of the display you will see arrow «▼» . It means the left side is higher and right side is lower.

3.Put the instrument on the horizontal stand, and press the «ZERO» button, the value returns to zero, and the read-out is the angle value measured relatively to the horizontal stand. In this mode «Level» is not displayed.

4.Press «Hold/Tilt%» to hold value on the display. To continue angle measurement press Hold/Tilt% button again.

5. Press «Hold/Tilt%» button for 2 sec to measure slope in %. To make angle measurement in degrees, press and hold «Hold/Tilt%» button for 2 sec.

6. The magnets at the bottom allow the instrument to be attached onto iron material measurement object. Press the «ZERO» button, reset the value to proceed relative measurement.

7. Press and hold «ZERO» button for more than 2 sec to switch on the backlight. To switch off the backlight, press and hold «ZERO» button for more than 2 sec.

8. "ERR" appears on the display when the tool inclines more than 45 degrees from the vertical position.

4.Application:

Control and measurement of slope of any surface. It is used in wood processing industry (Especially in furniture manufacturing industry) for wood angle accurate cutting;

auto repair industry for tiring assembling angle accurate controlling; in ma- chining industry for machine tool working angle accurate positioning; in woodwork; when setting guides for gypsum board partitions.

5.Calibration

1) Press and hold ZERO button to turn on the calibration mode. Then press and hold ON/OFF button. Calibration mode is activated and "CAL 1" is displayed. Place the instrument on a flat and smooth surface as shown in the picture.

2) Press ZERO button once in 10 seconds. "CAL 2" will be displayed. Rotate the instru- ment by 90 degrees in clockwise direction. Place it on the right edge towards display.

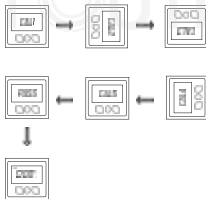
3) Press ZERO button once in 10 seconds. "CAL 3" will be displayed. Rotate the instrument by 90 degrees in clockwise direction. Place it on the upper edge towards display.

4) Press ZERO button once in 10 seconds. "CAL 4" will be

displayed. Rotate the instrument by 90 degrees in clockwise direction. Place it on the left edge towards display.

5) Press ZERO button once in 10 seconds. "CAL 5" will be displayed. Rotate the instrument by 90 degrees in clockwise direction. Place it on the lower edge towards display.

6) Press ZERO button once in 10 seconds. "PASS" will be displayed. After a while "0.00 degrees" will be also displayed. The calibration is over.



Caution

Please turn off the item when it is not in use in order to prolong its working life.

Warranty

Thanks for using AUTOUTLET product, all AUTOUTLET product comes with warranty of 18 months from the day of purchase, if you need any support, please feel free to contact us.

Contact

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