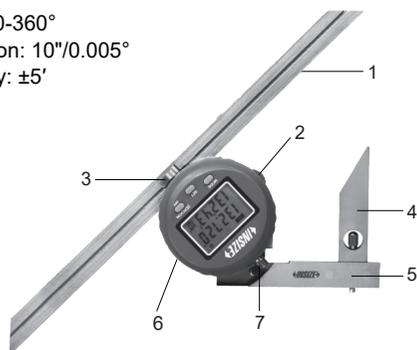




# OPERATION INSTRUCTION

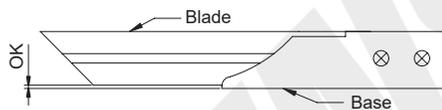
## Digital Protractor

Range: 0-360°  
Resolution: 10"/0.005°  
Accuracy: ±5'



- 1-300mm blade
- 2-Fine-adjustment
- 3-Locking nut
- 4-Acute angle attachment
- 5-Base
- 6-Battery cover
- 7-Locking nut
- 8-150mm blade
- 9-Square
- 10-Clamp for height gauges  
(Code: 2372-CLAMP, optional accessory)

1. Before use, with square at 90° for calibration, then use to measure. In the 0° position, unevenness of the base and blade is permitted, does not affect the angle measurement.



2. Display in degree and degree/minute/second.

3. Install battery: remove battery cover, install CR2032, the negative side should face up.



4. Buttons:

MODE ---4x90°, 2x180° and 360° conversion.

SET ---short press to convert the measuring direction. Long press (3s) to preset the value, short press MODE to modify the value, and short press ZERO/ON/OFF to digit switch, short press SET to exit.

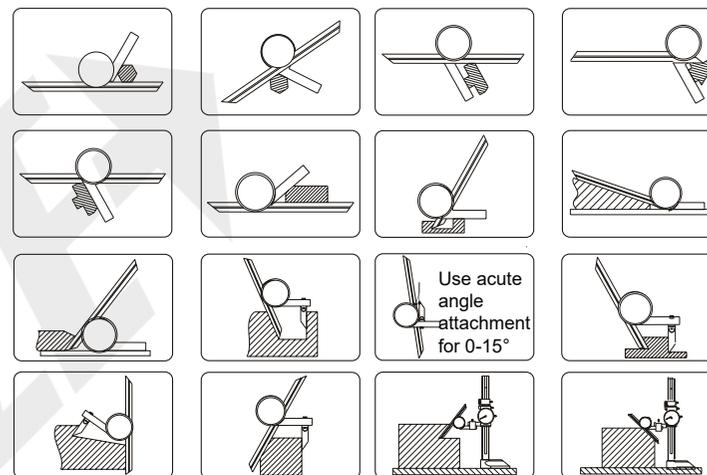
ZERO/ON/OFF ---short press to power on. Short press to display the preset value when display powers on. Long press (3s) to power off.

5. Measurement:

---According to the measured workpiece to select the suitable blade, install blade, adjust the blade in appropriate position.

---Calibration: set preset value 90°, put square to close to blade and base, press "ZERO/ON", set the reading 90°, it's ready to measure, the measuring method as the following diagram.

---Fine-adjustment is used to fine-adjust the angle, locking nut is used to fix the angle  
---Recalibration is required if changing the blade.



6. Notice: the product can't be used as scriber or rule.



7. Do not use the product in magnetic field.

8. Working temperature is 0-40°C/32-104°F, relative humidity should not exceed 80%.

9. If the digits do not change when buttons are pressed, take out battery and put it back after one minute.

10. Optional accessory: data output cable (code 7302-, 7315-)

11. One battery can last for one year use. If the protractor is not be used for a long period of time, please remove the battery and take rust preventive oil.

MN-2172-E

V2