

UNIVERSAL DIGITAL PROTRACTOR OPERATION INSTRUCTIONS

Before operating the unit, please read this manual thoroughly, and retain it for future reference.

Product Features

- Made of stainless steel throughout
- Measuring Range: 360°, Resolution :1' /0.01°
- All measuring faces is finished
- With fine-adjustment
- With acute angle attachment

Important

- Any excessive shock should be avoided.
- Do not disassemble or modify the instrument.
- Before using this instrument for the first time, wipe the rust preventive oil from the instrument with a soft cloth.
- Do not use a high voltage equipment or magnetic objects near the instrument, and do not measuring objects with electricity directly. Electronic parts may be damaged.
- Please take rust preventive oil, if do not use for a long time.

Calibration

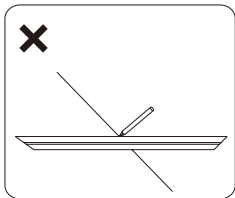
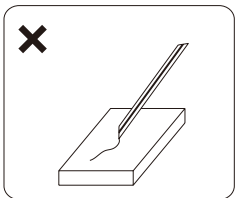
On the status of power-on, put it on a 90° standard surface, long press CAL and MODE to enter the calibration mode then press CAL when “CAL90° ” flashing on LCD, the calibration is finished.

Notice:

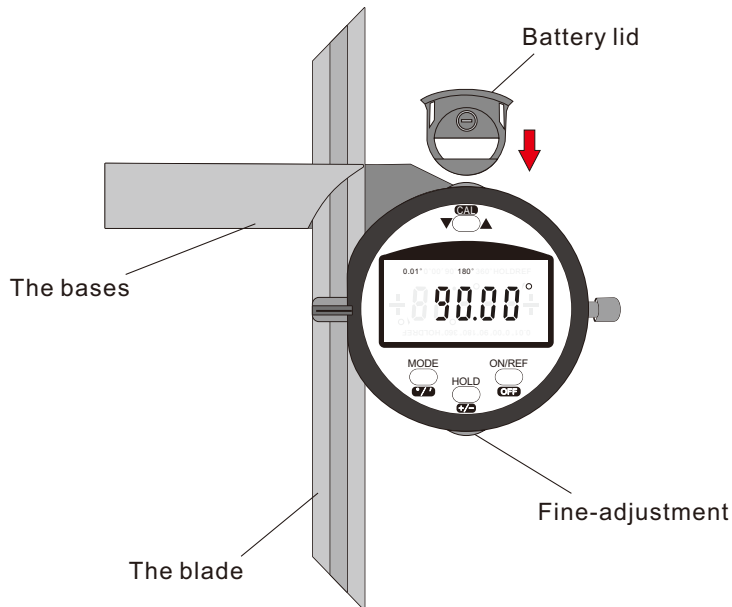
- Without a square, this new product is calibration-free
- Calibrate it only for serious errors of measuring angle.

⚠ Caution

- Do not disassemble, short-circuit , charge, or heat the battery, otherwise the battery content may leak to come into contact with the eye, or cause battery heating or explosion.



Nomenclature



Specification

Measuring range	0-360°; 2x180°;4x90°
Resolution	1'
Accuracy	± 4'
Material	Stainless steel throughout
Battery	DC 3V CR2032
Battery life	1000h continuous working
Operating temperature	0-40℃
Anti-interference level	EMC-2 level
Auto shutdown time	5min

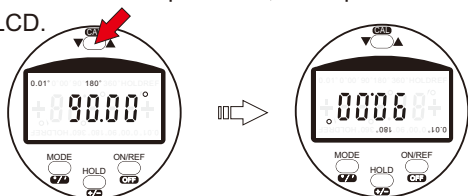
Trouble shooting

	Failure	Possible situation	Corrective measures
1	Digital flash rapidly	Battery power low	Replace new battery
2	The display is locked	Circuit problem	Remove battery, and install it after 30 seconds.
3	Nothing appears on the LCD	Battery has poor contact	Keep good contact for battery

Button usage

1. CAL button

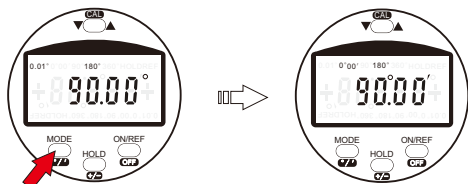
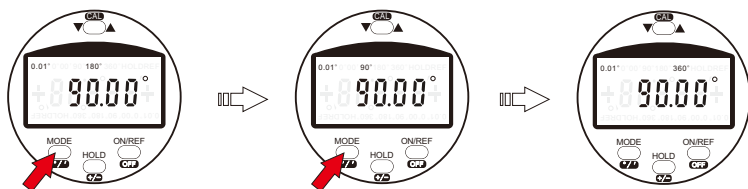
on the status of power-on, short press to switch to invert display on LCD.



2. MODE button

Short press to choice among 4x90°, 2x180° and 0-360°, LCD will display 90°, 180°, 360° correspondingly.

Long press to switch between "°" and "′".

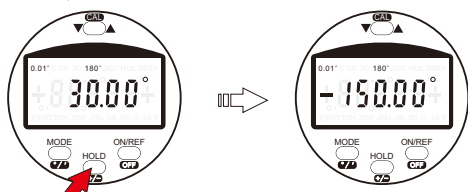
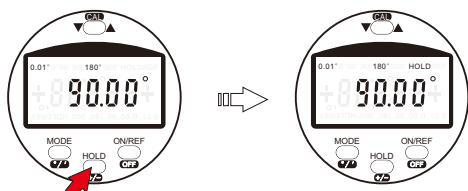


Long press

3. HOLD button

Short press to enter/exit the HOLD status, It can freeze the measuring value.

Long press to know the difference between angle readout current measuring range.



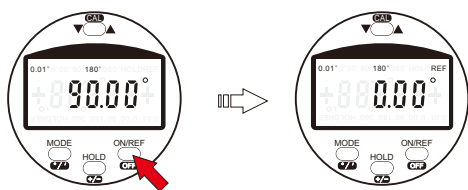
Long press

4. ON/OFF button

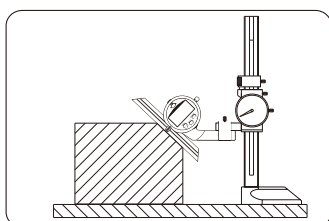
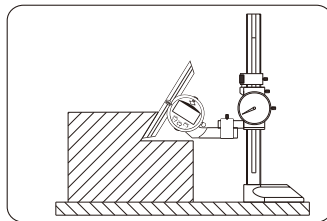
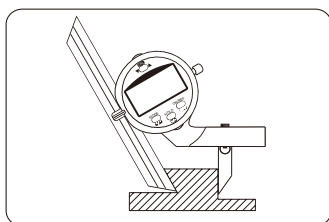
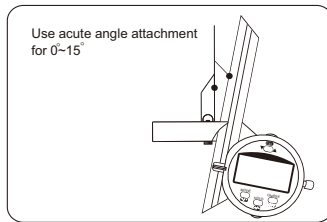
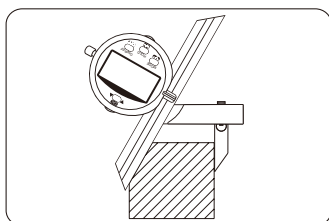
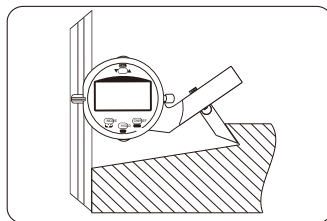
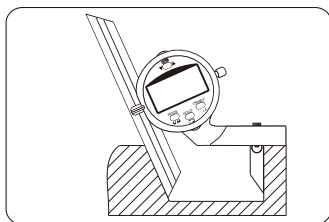
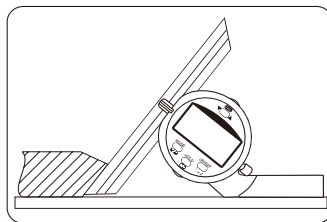
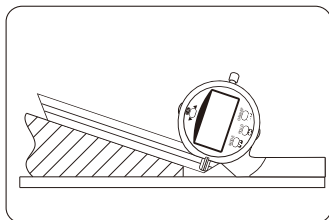
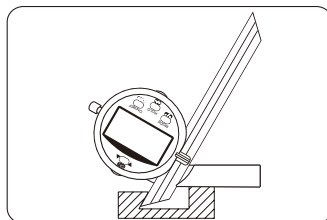
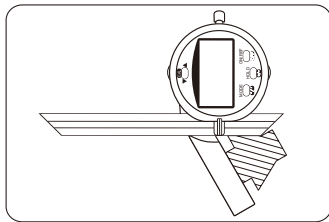
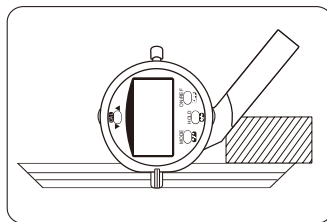
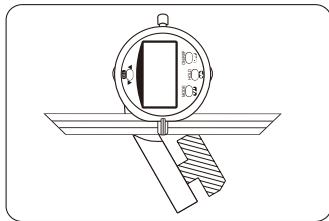
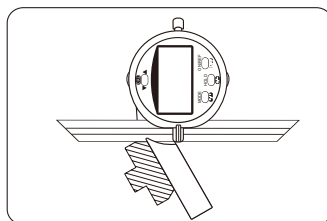
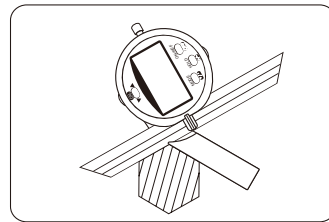
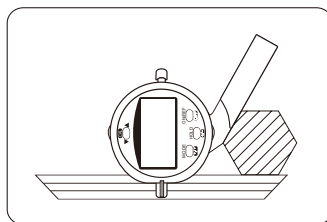
Short pressing this button, can zeroset at any degree in power-on.

When in zeroset, "REF" shows on LCD.

Long press this button to power off.



How to using



Use acute angle attachment
for 0~15°