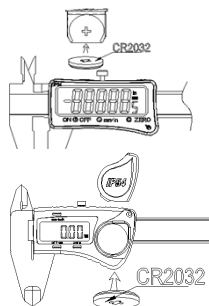


ELECTRONIC DIGITAL CALIPER OPERATING INSTRUCTIONS



● MAINTENANCE INSTRUCTIONS

- Clean caliper bar with dry cotton fabrics before using in order to avoid mad Display of caliper caused by humidity.
- Keep the caliper clean and dry (Liquid can damage the slider).
- Faces should be cleaned gently with cotton fabrics. Never use petrol, acetone and other organic solutions.
- In order to save power, turn off the unit when caliper is going to stay idle for some time.
- Never apply any electric pressure on any part of the caliper and never use an electric pen for the fear of damaging its chip.
- For other notes please refer to the conventional calipers.
- Accidental wrong display may happen while replacing the battery. Just take out the battery and then put it in again after more than 30 seconds until the display returns to normal.



● BATTERY REPLACEMENT

Flashing of digits shows a flat battery. Take off the battery cover in the direction shown by the arrow and replace the battery (positive side facing “+” on the battery cover).

● TROUBLE SHOOTING

Failure	Cause	Measure
1.The key have noresponse Display doesn't change 2.when the slider is moved	Accidental trouble in circuit	Take out battery and reset it after 30 sec
Less accurate than specified but within +- 0.1mm	1.Dirt in the Sensor. 2.Adjustment screw loose	1.Remove slider cover and its assembly , clean face of sensor with clean compressed air(5kg/Cm ²) 2. The fine-tuning adjustment screw(11).
No display on LCD	1.Battety in poor contact . 2.Battery voltage under 2.5V 3. The permanent fault	1.Remove battery cover and adjust the battery seat, keep good connection. 2.Replace battery. 3. Send maintenance station maintenance

● TECHNICAL SPECIFICATIONS

Measuring range: 0-75mm/0-3" ,
0-100mm/0-4" ,0-150mm/0-6" ,
0-200mm/0-8" ,0-300mm/1-12" .

Resolution: 0.01mm/0.0005"

Accuracy:±0.02mm/0.001" (<70mm)

±0.03mm/0.001(>70-200mm)

±0.04mm/0.0015" (>200-300mm)

±0.04mm/0.0015" (>200-300mm)

Repeatability: ±0.01mm/0.0005"

Max.measuring speed: 3.0m/sec,120" /sec.

Measuring system: Linear capacitive measuring system.

Display: LCD display.

Power: One 3.0V/1.5V button cell.

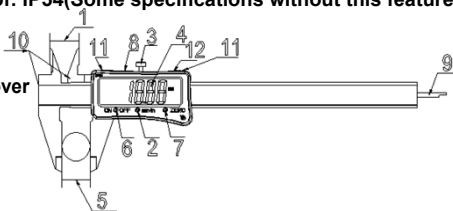
Working temperature: 0°C-40°C/41 to 104 °F.

Influence of humidity: Not important under 80% of relative humidity.

Waterproof: IP54(Some specifications without this feature)

● NOMENCLATURE

- Inside measuring faces
- METRIC/INCH change over
- Clamp screw
- Display unit(LCD)
- outside measuring faces
- Power on/off button



- 7.Zero setting
- 8.Battery cover
- 9.Depth measuring blade
- 10.Step-measuring faces
- 11. adjustment screw
- 12.Datan format

● MEASUREMENTS

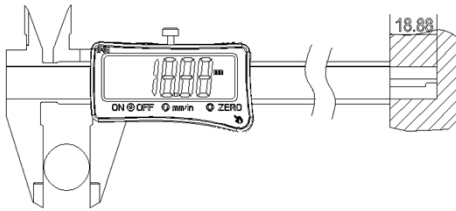
1.PREPARATIONS:

- (1)Slider can be removed only after the locking screw(No.3 item of the Nomenclature) is loosened.
- (2)Wipe clean all the measuring faces and caliper bar. No organic solutions are allowed.
- (3)Check to see if all the buttons, and LCD display respond well.

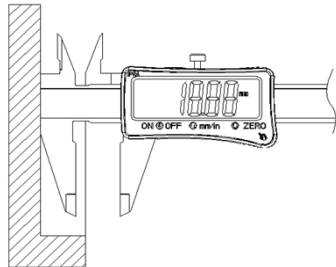
2.Basic measuring methods:

- (1)Loosen the locking screw.
- (2)Switch the unit on with a press on “ON” button. Then select the unit system needed by pressing Inch/Metric button.(Each time the button is pressed, inch and metric digits will be displayed alternatively).
- (3)Apply normal measuring pressure on slider to close the external measuring jaws. Then press “zero” button to reset the display to zero.

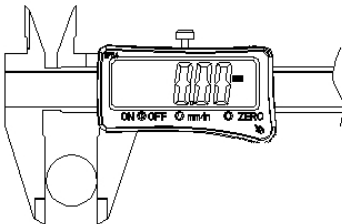
A.Measurements of internal dimensions



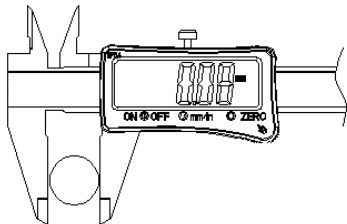
B. Measurements of external dimensions



C. Measurements of depth



D. Measurement of steps



E. Differential method of measurement (Application of zero setting)

3. Touch buttons, some products have this function, only need to gently touch your button marking area can play a role

All electrical and electronic equipment

WEEE Directive & Product disposal



At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.



Electrical and electronic equipment that are supplied with batteries(including internal batteries)

Notice to customers

This symbol on the battery indicates that the battery is to be collected separately. The following apply only to users in European countries

- This battery is designed for separate collection at an appropriate collection Point. Do not dispose of as household waste.
- For more information, contact the retailer or local authorities in charge of waste management