1. Characteristic

- LCD display, can measure inside diameter, outside diameter, depth and steps four functions
- Both direct measurement and comparative measurement
- Using Stainless Steel materials, advanced technology, excellent manufacture
- The caliper use sealed module structure, have certain resistance ability to water, oil and cooling fluid.
- The data interface can output data to a printer or computer, data processing or printing.

2. Instructions

- Holding down and opening the battery cover, then change batteries, can lock up the battery cover.
- LCD display ‘-‘, small font ‘5’ and ‘in’ for the Inch display.
- mm/in: conversion button, click this button make mm/in conversion directly
- ZERO: ZERO button, can be cleared at anywhere within the measuring range.
- ON/OFF: power on and off button.
- Before using, loosen the tightening screw, open the caliper frame evenly, using clean soft cloth to clean the measuring surface, guide surface
- Check '0' position: push caliper frame lightly, make caliper jaws measure surface merge, display reading “0”, Otherwise, use the zero button set to "0".
When measuring outside dimension, should make the two Outer measuring claw surfaces and the measured surface gluing.

When measuring Inside diameter, the Knife mouth inner measure claw should be measured in the direction of the hole diameter, can not be skew.

When measuring depth dimensions, should make the Depth measuring rod perpendicular to the measured workpiece underside.

Direct measurement and comparison measurement

Direct measurement: directly measure the workpiece, can be directly read the measured value of the workpiece on the screen.

Comparison measurement: measuring standard parts (or Standard specimens) and zero, then measures workpiece, from display screen to read the difference from workpiece relative standard parts.

3. Attention

In using, avoid dust and sunshine ultraviolet radiation or high temperature radiation.

Removing caliper frame should be balanced and avoid dropping.

Do not put caliper on magnetic object, need to demagnetization before measuring.

Can use gasoline or alcohol to clean surface, avoid any contact on electronic components and caliper body.

The using and testing environment relative humidity is ≤50%

4. Troubleshooting

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| Digital beats or without any display | The battery finished or battery contact undesirable | 1. Change battery  
2. Use tweezers to adjust ‘-’ reeds |
| Digital zero fixed | Replacement button not to reset     | Open shell adjust zeros reeds      |
| Mm/inch not convert | Mm/inch button can bot reset        | Open shell adjust Mm/inch switch reeds |
| Digital display Irregular | Caliper damp and moisture       | Using gauze to clear caliper body and surface or wipe the dirt apart |