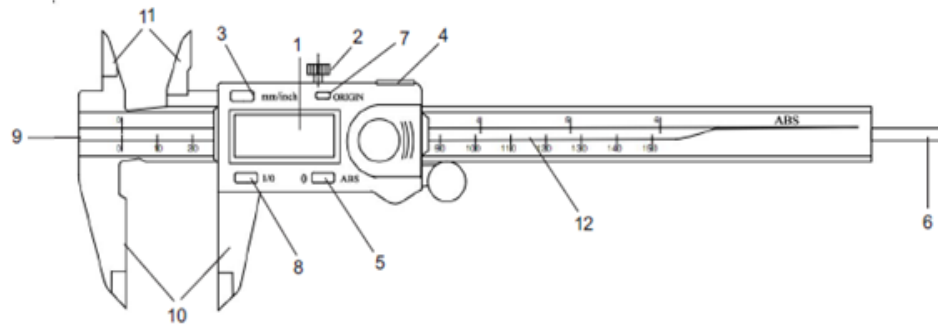


ABSOLUTE DIGITAL CALIPERS

OPERATION MANUAL



1	LCD Display	7	Origin Button
2	Locking Screw	8	ON/OFF Button
3	mm/in Switch Button	9	Step Measuring Faces
4	Data Output Port	10	Outside Measuring Faces
5	0/ABS Switch Button	11	Inside Measuring Faces
6	Depth Measurement	12	Main Scale

SPI 30G04

IMPORTANT NOTICE



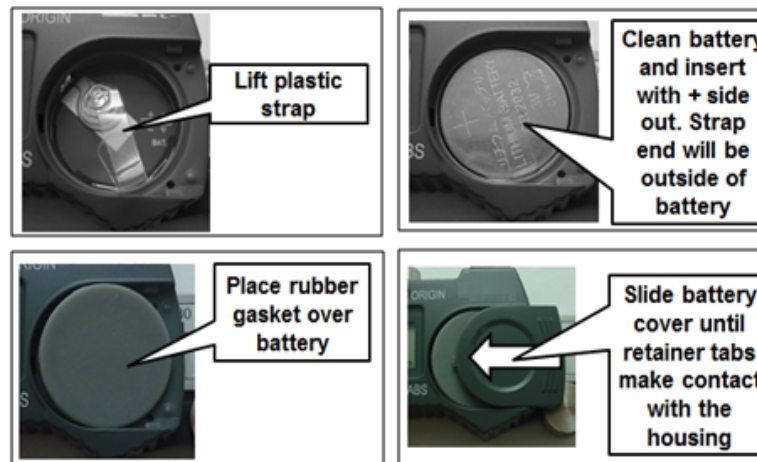
Technical Specifications

- Resolution: 0.01mm / .0005"
- Power: Battery 3V, CR2032
- Measuring speed: Unlimited
- Working temperature: 0~+40°C
- Relative humidity: <80%

Specifications:

Range	Resolution	Accuracy +/-
0~150mm / 0~6"	0.01mm /.0005"	0.02mm/.001"
0~200mm / 0~8"		0.03mm/0.0015"
0~300mm / 0~12"		0.03mm/0.0015"

Battery installation: CR2032 Lithium



Avoid exerting excessive force when measuring as it may cause an incorrect reading and deformation of the measuring jaws.

Operating

- **ON/OFF**

A short press of the “ON/OFF” button will turn on or off the caliper.

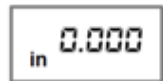
- **mm/in**

The unit of measurement can be selected by pressing “mm/in” button. The displayed value will be converted to the corresponding unit and either “in” will be displayed in the lower left corner for inch of the display or “mm” in the lower right for metric.



- **ORIGIN**

Press “Origin” button to reset origin zero. Manufacture pre-set Origin at zero position where the two outside measuring surfaces gently touched. If Origin needs to be reset, press Origin key for 5 seconds and display will show “0.00mm” and a new origin zero has been set.



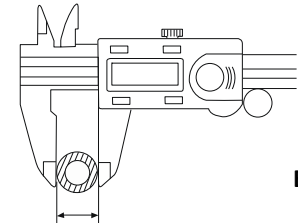
- **ABS/INC**

The caliper is normally used in absolute (ABS) mode providing readings from the origin established with the jaws closed. An incremental mode is available to provide measurements from a temporary zero. For example if the work piece nominal value of 0.704 is desired open the jaws with the slider to this position and lock the slider with the slider locking screw. Press the ABS/INC button and the display will change to zero and the “INC” will be displayed in the upper right corner. The work pieces can then be measured with the drawing tolerance

Methods of measurement

- **External (outside) work pieces features:**

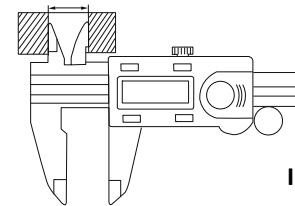
Use the thumb wheel to move the slider until the external measuring jaws make contact with the work piece feature.



External

- **Internal work piece features:**

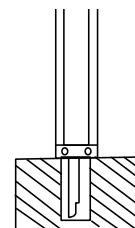
Use the thumb wheel to move the slider until the internal measuring jaws make contact with the work piece feature.



Internal

- **Depth work piece features:**

Place the end of the beam on the outermost side of the feature and extend the depth the bar to the bottom of the feature.



Depth