

DIGITAL CALIPER OPERATION INSTRUCTIONS

Safety Precautions
To ensure operator safety, use this instrument in conformance with the directions and specifications given in this Users Manual.

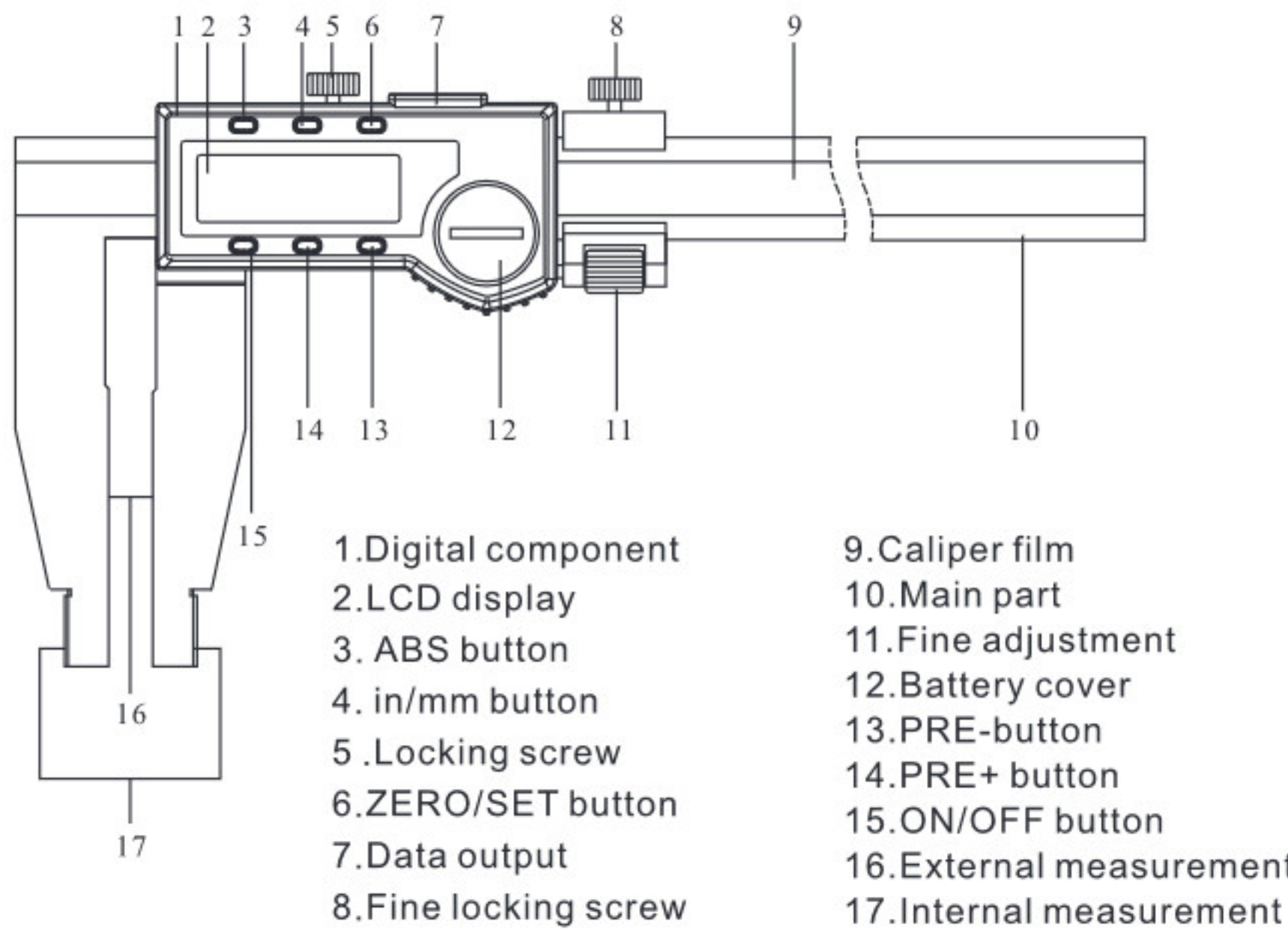


- Do not disassemble, short-circuit, charge, or heat the battery. Otherwise the battery content may leak to come into contact with the eye, or cause battery heating or explosion.
- If a battery is swallowed, immediately consult a doctor.
- The inside measuring jaw of this caliper have a sharp edge. Handle it with great care to avoid injury.



Disposal of Old Electrical & Electronic Equipment (Applicable In the European Union and other European countries with separate collection systems)
This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. To reduce the environmental impact of WEEE(Waste Electrical and Electronic Equipment) and minimize the volume of WEEE entering landfills, please reuse and recycle. For further information, please contact your local dealer or distributors.

Nomenclature



Features

ON/OFF button: Manual power on/off
ZERO/SET button: Zero setting (Press it for a short time).Data presetting(Press it for a long time)
PRE+ button: Data presetting, the numerical value will increase continuously to the value you want.
PRE- button:Date presetting, the numerical value will decrease continuously to the value you want.
ABS button: Absolute/Relative measurement conversion.
in/mm button: Metric and inch system conversion.
How to set the absolute measurement system: In the power on state, close the external measuring jaws, press the ZERO/SET button, the LCD display shows REZERO, it is on absolute measurement system.
How to set the relative measurement system: When you are measuring the workpiece, press the ABS button, the LCD display shows ABS and zero, it is on relative measurement system. When you want to change it to absolute measurement system, please press ABS button again.
Data presetting: In the power on state, close the external measuring jaws, press the ZERO/SET button, the LCD display shows REZERO, it is on absolute measurement system. Then press the ZERO/SET button for 5 seconds, the LCD display (in the left corner)

will show flashing “SET”, by pressing PRE+ and PRE- button setting of the data, after finish it please press the ZERO/SET button again.

Instructions

- The digital caliper use advanced processing technology, stainless steel material ruler, well-read LCD display, and fully sealed module structure.
- IP54 waterproof standard
- Automatically power off & Automatically power on when you pull and use it.
- Direct measurement, comparison measurement and compensation measurement can be performed.
- Data output

Before using the digital caliper, please use the specified battery cover key to open the battery cover by counterclockwise direction, insert the CR2032 lithium battery into it, close the battery cover by clockwise direction. Press the ON/OFF button.

Before measuring, the slider can be moved, clean all the measuring faces and surfaces with dry and clean cloth. No organic solutions are allowed.

Check if the displayed value is stable and clear. Close the external measuring jaws, the data should be “0”, if not please press ZERO/SET button.

When you measure the external diameter, The external measurement surface should be attached to the measured surface.

When you measure the internal diameter, the internal measurement surface should be attached to the measured surface. Setting the presetting data before you measure.

Adjust the locking screws, before you use the fine adjustment.

Remark

- Avoid exposure to the places of high dust, avoid exposure to sunlight ultraviolet radiation and high temperature.
- When pulling the caliper frame, do not drop or crash it.
- The caliper should be far away from the magnets, or it should be demagnetization before measuring.
- Clean the measuring surface with gasoline or alcohol, while keep any liquid away from electronic components and the measuring blade upper surface.
Storage temperature -20 ~ 60°C
Available using temperature 0□ 40°C
Available using humidity ≤ 80%

Troubleshooting

Common fault	Possible reason	Troubleshooting
Readouts jump or without readouts	Batteries are running out or accidental trouble in circuit	Replace the battery or check the inner battery contact
Data don't change	Break	Replace the battery after you take out the battery for 30 seconds
Wrong results	Sensor is contaminated	Clean the sensor surface with alcohol
Readouts display irregularly	The caliper may under damp and moisture situation	Clean the measuring blade upper surface with gauze or open it and clean