OPERATION INSTRUCTION
Digital internal Caliper Gage

Caution: Prevent liquid from getting into indicator to damage electronics.

Resolution: 0.1mm/0.01"
Accuracy: ±0.3mm

1-Measuring head
2-Movable caliper arm
3-Initial reference point
4-Fixed caliper arm
5-'UNIT' button
6-'ZERO' button
7-'HOLD' button
8-Handle
9-Hand lever

1. Digital internal caliper gage is used to measure inside size rapidly.

2. Install and remove battery(CR2032),the negative side of batteryshould face out(Fig.1).

3.Buttons:
 'UNIT '
---Short press forinch and metric reading conVersion.
 'HOLD '
---Short press for data locked and unlocked conversion.
 'ZERO '
---Short press to turn on and set initial reading.
 long press to turn off display.

4. It needs to move the handle to make the initial reference point of two probes close to each other before measuring(-Fig.2).
 short press 'ZERO' button to power on and set initial reading as 12.7mm.

push   pull

negative

Fig.1

Fig.2

5. During measurement, press handle to make distance between two measuring heads less than the hole's diameter. And then put caliper gage into the measured hole, release handle to make measuring heads to contact the hole completely, shake caliper gage gently along hole's axial direction and radial direction to find the minimum reading in axial direction(Fig.3) and the maximum reading in radial direction(Fig.4), then get the result. When measuring width, it is to find minimum reading to get the result.
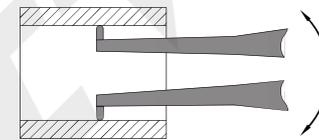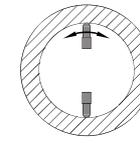
Fig.3

Fig.4

6. The product can turn off automatically, if it doesn't work for more than 5 minutes. It can't turn on when sliding the movable caliper arm.

7. If there is nothing on display or digits blurring, battery voltage is too low, please replace battery. If the digits do not change when buttons are pressed or movable caliper arm is moved, take out battery and put it back after 1 minute. If the indicator is not be used for a long period of time, please remove the battery. Otherwise, liquid may leak from the battery and damage the indicator.

8. During measurement, protect measuring heads from excessive operation. After use, oil measuring heads to avoid rust.

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