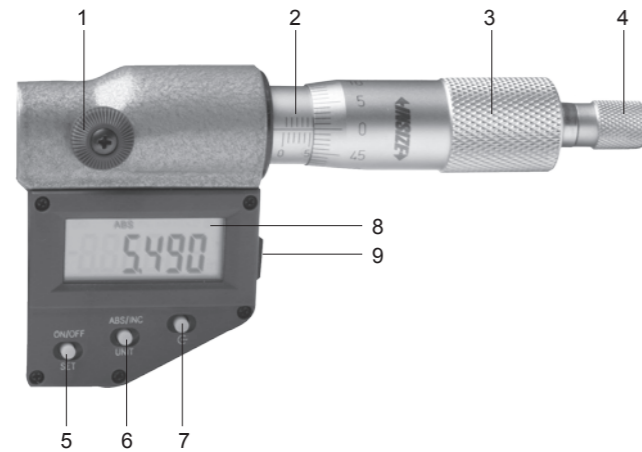




## OPERATION INSTRUCTION Digital Micrometer

Resolution: 0.001mm/0.00005"(inch resolution above 10" is 0.0001")

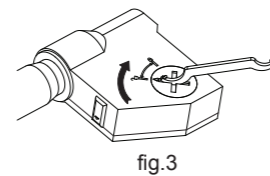
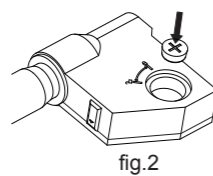
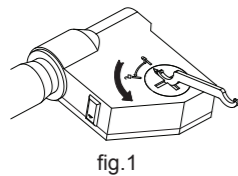


- 1-Locking screw
- 2-Sleeve
- 3-Friction thimble
- 4-Ratchet stop
- 5-'ON/OFF SET' button
- 6-'ABS/INC UNIT' button
- 7-'G' button
- 8-LCD display
- 9-Output

1. The micrometer is dustproof and waterproof (IP54).

2. Install battery:

- Turn the battery cover 45° counterclockwise with the spanner (fig.1), then remove it
- Put SR44 or LR44 battery into battery house, the positive side of battery (+) should face out (fig.2)
- Put the battery cover back and turn clockwise to fix it (fig.3)



3. Buttons:

ON/OFF SET---short press(<2 sec.): power on/off

---long press(>2 sec.): set the initial reading in absolute measuring mode ("ABS" on the display, "SET" blinks), and the display shows the default value. Short press the button, the initial reading will be set as default value. If need to reset initial reading, keep pressing the button to position the digit and the digit blinks when positioned, release the button. Short press the button to change the digit from 0 to 9. Keep pressing the button to change the next digit. After setting, keep pressing the button until "SET" blinks, short press it to exit set mode.

ABS/INC UNIT---short press(<2 sec.): for absolute and relative measuring mode conversion. The normal mode is absolute measuring mode, "ABS" is on display. Press the button to enter relative measuring mode at any point (this point is called 'relative zero point'), "INC" appears and the reading is zero. In this mode, the reading is the distance to the 'relative zero point'. Press the button again to return back to absolute measuring mode.

---long press(>2 sec.): for metric and inch conversion

G---long press(>2 sec.): enter data output mode and "G" appears, connect SPC cable for data output.

4. Please clean the measuring faces and workpiece surface, then set initial reading (refer to the instructions of "ON/OFF SET" button). Micrometer should be checked regularly to make sure that it is properly initial reading set.

5. During measurement, when the measuring face is close to, but not in contact with the workpiece, rotate the ratchet stop until you hear click, but can not rotate friction thimble, which will damage the internal precision threads.

Caution: When the measuring faces is close to, but not in contact with the workpiece, do not apply excessive force to rotate the ratchet stop, as it will lead to inaccurate results and may damage the internal precision threads.

6. Optional SPC cable (7302-SPC2, series 7304).

7. Automatic power off in about 5 minutes. Press any button (except "G" button) or rotate friction thimble to turn on micrometer.

8. One battery can last for one year use. If there is nothing on display or digits blurring, battery voltage is too low, please replace battery. If digits do not change when buttons are pressed or friction thimble is rotated, take out battery and put it back after 1 minute. Remove battery if micrometer is not be used for a long period of time, otherwise, liquid may leak from the battery and damage the micrometer.

9. Working temperature is 0-40°C/32-104°F.

MN-INS-M02-IP-E