| Code	Range	Resolution	Accuracy
3538-25	0-25mm/0-1"	0.001mm/0.00005"	10μm
3538-50	25-50mm/1-2"	0.001mm/0.00005"	10μm
3538-75	50-75mm/2-3"	0.001mm/0.00005"	11μm
3538-100	75-100mm/3-4"	0.001mm/0.00005"	11μm
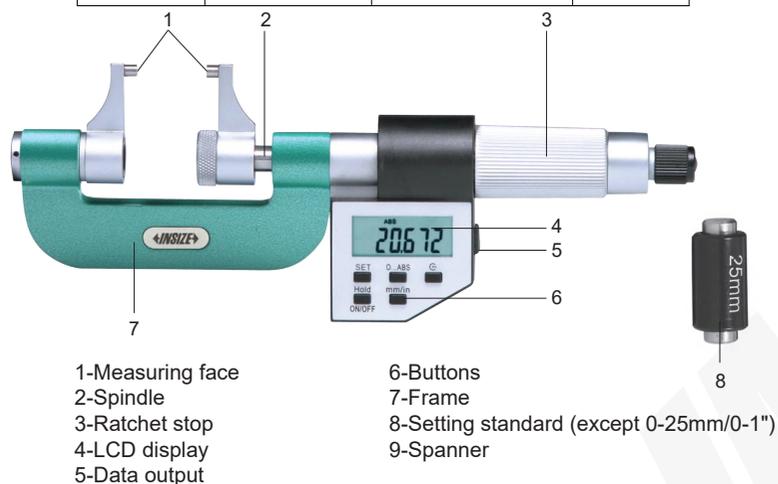
1-Measuring face
2-Spindle
3-Ratchet stop
4-LCD display
5-Data output
6-Buttons
7-Frame
8-Setting standard (except 0-25mm/0-1")
9-Spanner

1. Install battery:
---Turn the battery cover 45° counterclockwise with the spanner (fig.1), then remove it.
---Put CR2032 battery into battery house, positive side of battery(+) should face out (fig.2).
---Put the battery cover back and turn clockwise to fix it (fig.3)

fig.1   fig.2   fig.3
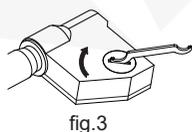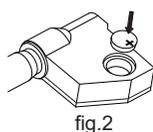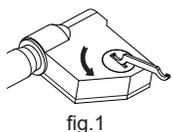
2. Buttons:
   on/off…hold
   ---in power on mode: short press to hold data, long press to power off.
   ---in power off mode: short press to power on.

0...ABS
---for absolute and relative measuring mode conversion. The normal mode is absolute measuring mode, "ABS" is on display. Short press '0...ABS' to enter into relative measuring mode at any point (this point is called 'relative zero point'), "INC" appears on display and the reading is zero. In this mode, the reading at a point is the difference between the actual value of this point and the value at the relative zero point. Long press '0...ABS' to exit from relative measuring mode and enter into absolute measuring mode.

SET
---to set the initial reading. For 0-25mm/0-1", rotate the ratchet stop to make the two measuring surfaces contact, then long press 'SET' to set zero. For other ranges, measure the setting standard first, keep the setting standard ends completely contacting with the measuring faces of micrometer, then long press 'SET' and the reading shows the length of the setting standard.

mm/in:
---for metric and inch reading conversion.

G
---short press to data output after connect data output cable.

3.Before measurement: Clean the measuring faces of the micrometer and setting standard with a clean soft cloth, then set initial reading (refer tothe instructions of "SET" button).
 Micrometer should be checked regularly to make sure that it is properly initial reading set.

4. During measurement, let anvil contact with the workpiece first, then rotate friction thimble or ratchet stop. When measuring faces are close to, but not in contact with workpiece, rotate ratchet stop (do not rotate friction thimble at this time, which will damage the internal precision threads). Read after you hear click.

Caution: When the measuring faces are 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.

5. Automatic power off in about 5 minutes. Press any button to turn on micrometer.

6. The battery can be used for one year. 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.

7. Optional accessary: data output cable (Code 7315-30, 7302-30, 7305-30).

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

MN-3538-E

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