



OPERATION INSTRUCTION

HIGH PRECISION DIGITAL THICKNESS GAGES

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

| Code | Range | Resolution | Accuracy | Repeatability |
|----------|---------------|-------------------|-----------|---------------|
| 2879-10 | 0-10mm/0-0.4" | 0.001mm/0.00005" | ±0.002mm | 0.001mm |
| 2879-101 | 0-10mm/0-0.4" | 0.0005mm/0.00002" | ±0.0015mm | 0.0005mm |



2879-10

- 1- Display
- 2- Button
- 3- Duralumin ruler frame
- 4- Measuring rod
- 5- Cemented carbide probe
- 6- Charging and data interface
- 7- Shift fork
- 8- Insulation handle

1. Absolute encoder, the original data remains after power off.
Measuring force: 0.5-1N, measuring tips and anvils can be custom-mode.

2. Button function:

ABS ---Short press, relative/absolute measurement conversion; long press to enter the preset value setting, at this time, short press the ABS or TOL key to modify the value, short press the DATA/H key to switch the digits, and long press ABS after completing the setting Key to save and exit

TOL ---Short press to turn on/off tolerance measurement. When it is turned on, the screen displays "TOL"; Long press to enter the setting mode. At this time, short press the TOL key to switch between tolerance setting/metric/inch conversion/maximum value/minimum value/bounce:

Tolerance setting: "TOL" flashes on the display, short press the DATA/H key to select and enter this setting. At this time, "▼" flashes, and the upper tolerance can be set; short press the DATA/H key to switch the number of digits to "▲" flashing, yes Set the lower tolerance; when setting, short press the ABS or TOL key to modify the value, short press the DATA/H key to switch the digits, and long press the TOL key to save and exit after completing the setting

Metric/inch conversion: "mm" or "in" flashes on the display, short press the DATA/H key to select

Maximum/Minimum/Bounce: "Max", "Min", "Max-Min" flash on the display, long press the TOL key to select.

DATA/H ---Short press to perform a data transmission. The display "↺" flashes once; at the same time, long press the TOL and DATA/H keys for continuous data output, "↺" continues to display, short press the DATA/H key to stop;

Long press, value hold

ZERO ---Short press, set to zero; long press, turn on/off.

3. Measurement:

Clean measuring faces with soft cloth, close measuring heads, and press "ZERO" to set zero. Press lifting lever several times to make sure the accurate zero. Press lifting lever, lift the measuring head, put the measured workpiece between two measuring heads, release the lifting lever, measuring heads contact the workpiece completely and then get the reading.

Note: the state of zero calibration and measurement should be consistent to avoid accuracy deviation caused by the product's own weight.

4. Automatic power off in about 10 minutes. Press "ZERO" button to turn on indicator.

5. During measurement, protect measuring heads from excessive operation.

6. After measurement, please oil the contact point. The spindle should not be oiled, otherwise, the movement of the spindle will not be smooth.

7. Rechargeable lithium battery, not overcharged.

8. Working temperature is 0-40°C/32-104°F, relative humidity should not exceed 80%.

MN-2879-C/E

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