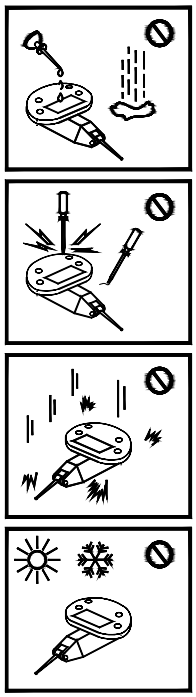
MeasumaX MX

34-219

DIGITAL TEST INDICATOR
OPERATING PRECAUTIONS

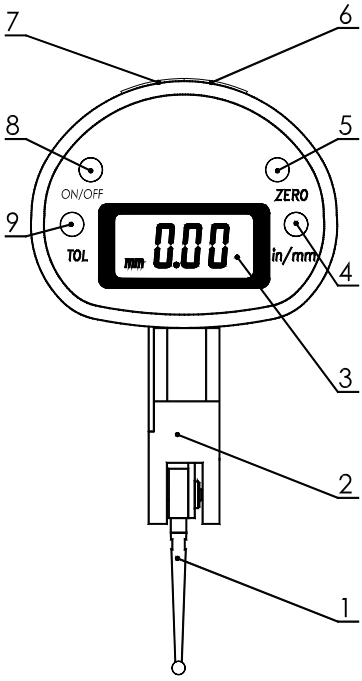
Please read the following instructions carefully before using product.



Operating precautions

- Keep the unit away from coolant to prevent liquid from getting into the circuitry.
- Damage may be caused if the unit is subjected to shocks, impact, or dropping. This may cause the unit to loose its accuracy
- Do not operate the test indicator in direct sunlight. Do not store indicators in an area of extreme high or cold temperature.
- Do not allow any part of digital test indicator to come into contact with voltage. This could cause damage to the circuitry
- Use SR44 (silver oxide cell) battery.
- If the unit is not in use for a long period of time, the battery should be removed

Indicator features



1. Measuring lever
2. Base
3. LCD display
4. Inch/mm switch
5. ZERO switch
6. Battery compartment
7. Output Connector
8. ON/OFF switch
9. TOL setting key

Function

During measurement, mm/inch conversion can be made at any time. Tolerance needs to be preset before measurement and auto-identified accordingly.
During measurement, relative zero point can also be set at any time.

Before operation

Before using the indicator for the first time, please remove the rust preventative oil on the indicator with a soft cloth.
Remove battery compartment lid and insert a SR44 battery with its positive (+) side facing upward.

Operating Instructions

For measurement

After pressing the “ZERO” switch, the LCD screen will display “.000” when in metric mode or “.0000” when in imperial mode. This also indicates that the origin setting is completed. The test indicator is now ready for use.

Tolerance setting for measurement

Press the **“TOL”** button and a “▲”sign will appear on the LCD. Adjust the measuring lever so that the indicator displays the upper measurement limit, and press “**TOL**” for confirmation. When the “▼”sign appears on the LCD, adjust the measuring lever to display the lower measurement limit. Press the “**TOL**” button again for confirmation and the unit has been set for tolerance measurement. During the tolerance measurement, when “▲”sign appears, it indicates that the measuring value is in excess of upper tolerance. When the “▼”sign appears, it indicates the measuring value is below the limit of the lower tolerance. If “OK” is displayed, the measuring value is within the tolerance range.

To cancel the tolerance settings, press “**TOL**” three times continuously,

Trouble shooting

Failure	Possible Situation	Solutions
Digits flash simultaneously on LCD	Battery power low	Replace battery
Nothing appears on LCD	Battery power low	Replace battery
	Battery has poor contact	Clean the battery contacts
The display does not work (only when changing the battery)	Circuit accidentally paused caused by poor voltage when changing the battery	Remove battery and replace it after 30 seconds

Note! The battery supplied is only to test the system and may not have a full operating life

Specifications

Range: ±0.5mm/±0.02in

Resolution: 0.01mm/0.0005in

Total tolerance: 0.013mm

Return tolerance: 0.003mm

Repeatability: 0.003mm

Measuring force: ≤0.6N

Range of measuring force: ≤0.3N

Operating temperature: 0□~+40□

Storage temperature: -20□~+60□

Power: 1.5V SR44 (silver oxide cell) 1 battery

Battery life: 1 year continuous usage/ 3 years under normal operation

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