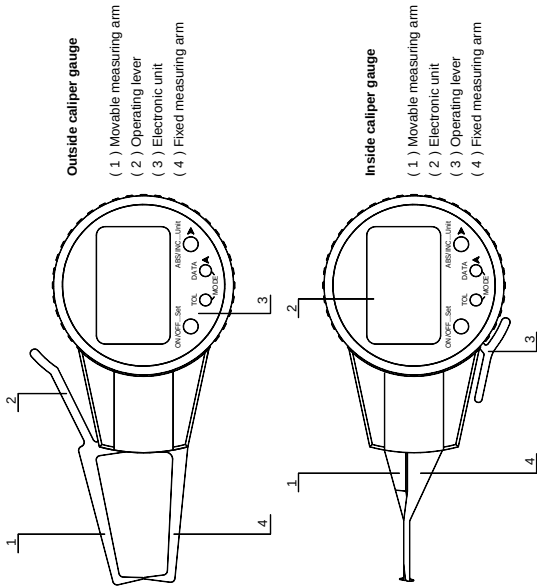


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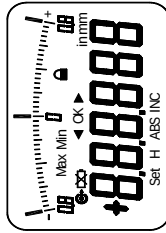
ELECTRONIC CALIPER GAUGE

OPERATION MANUAL

1. Functional elements



2. LCD display



- Min : Find and save the minimum
- Max : Find and save the maximum
- H : Find and save steady value
- ☞ : Lock saved value and its position
- ☞ : Data output to PC
- ☞ : Battery voltage is low
- ☞ : Upper tolerance limit
- ☞ : Lower tolerance limit
- OK : Within tolerance limits
- ☞ : Analog display graduation range
- In : Inch measuring mode
- mm : Metric measuring mode
- ABS : Absolute measuring mode
- INC : Relative measuring mode
- Set : Set the origin

3. Operation

Two ways of pressing key are used in the following illustration:

- (1) ☞ Press and release ; (2) ☞ Press and hold (more than 1 sec.)

3.1 ON/OFF...Set

- ☞ : ON/OFF
- ☞ : Power on/off
- ☞ : Set
- ☞ : Set the origin

3.2 ABS/INC...Unit and

- ☞ : ABS/INC
- ☞ : Absolute/Relative measuring mode conversion
- ☞ : Unit
- ☞ : Metric/Inch measuring mode conversion
- ☞ : Move flashing digit from left to right during setting

www.measurmax.com

3.3 TOL

Set tolerance and tolerance monitoring.

3.4 DATA and

Output the data to PC once, "☞" flashes once.

3.5 MODE

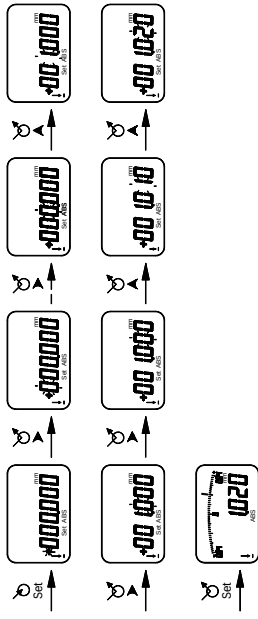
The flashing digit plus 1 or ± change during setting.

Press "TOL" key and "DATA" key simultaneously: change the measuring mode.

4. Set the origin

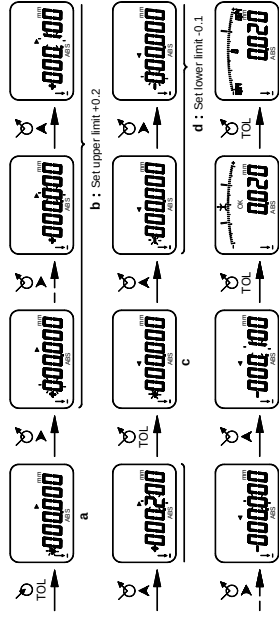
- a. Press and hold "Set" key until "Set" appears.
- b. Press "☞" key or "▲" key to adjust the displayed data until it is desired.
- c. Press "Set" key at any time, the displayed data will be stored as the origin and enter absolute measuring mode.

For example: set the origin to 1.020mm



5. Set tolerance and tolerance monitoring.

- a. Press "TOL" key to set upper limit with "▲" displayed.
 - b. Press "☞" key or "▲" key to adjust the displayed data until it is desired.
 - c. Press "TOL" key to set lower limit with "▼" displayed.
 - d. Press "☞" key or "▲" key to adjust the displayed data until it is desired.
 - e. Press "TOL" key at any time, the gauge will enter tolerance monitoring measurement.
 - f. Tolerance monitoring measurement.
 - g. Press "TOL" key again will exit tolerance monitoring measurement.
- Attention: Upper limit must > lower limit
 - For example: set upper limit +0.2, lower limit -0.1



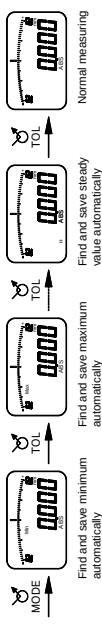
e f : Tolerance monitoring g : Exit tolerance monitoring

Tolerance monitoring:



6. Select measuring mode

The gauge has 4 measuring modes. Press "TOL" key and "DATA" key simultaneously to change measuring mode, "Min", "Max", "H" and non-sign will be displayed in turn. You should release operating lever and let measuring arms free when select measuring mode.

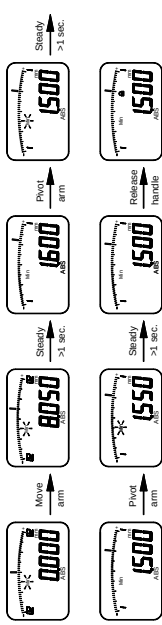


6.1 Normal measuring mode

Displaying value is the distance between caliper's measuring contacts in this mode.

6.2 Find and save the minimum automatically

"Min" flashing in this mode. "Min" stops flashing when measured value is steady >1 sec, this value and its position will be saved. "Min" starts flashing again when pivoting measuring arm. "Min" stops flashing when measured value is steady >1 sec. The gauge will find and display the minimum from saved data. After release operating lever and let measuring arms free, the gauge will display "▲" and the minimum, and record its position. You can repeat the above process when moving measuring arm again.



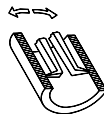
Outside caliper gauge

Measuring thickness or external diameter in "Min" mode. Steadily pivot the gauge vertically to find the minimum.



Inside caliper gauge

Measuring bore diameter in "Min" mode. Steadily pivot the gauge vertically to find the minimum.



6.3 Find and save the maximum automatically

"Max" flashing in this mode. "Max" stops flashing when measured value is steady >1 sec, this value and its position will be saved. "Max" starts flashing again when pivoting measuring arm. "Max" stops

