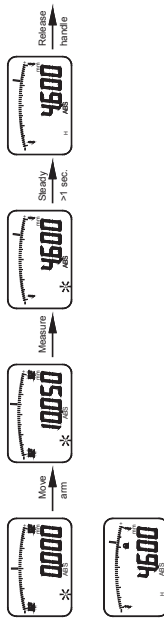


maximum.



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



The diagram shows a micrometer measuring a block with a V-shaped groove. The micrometer's anvil and spindle are in contact with the flat top surfaces of the block. The spindle is tilted at an angle α relative to the vertical axis of the groove. The distance from the vertical axis to the point of contact is labeled x . The micrometer's frame is labeled "Micrometer". The block is labeled "block". The top surface of the block is labeled "arm". The V-shaped groove is labeled "block". The angle α is indicated by a curved arrow. The distance x is indicated by a curved arrow.

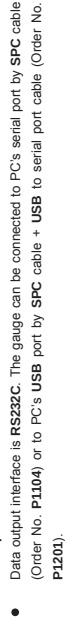
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- In automatically measuring mode, the origin calibrating will become more convenient and accurate. Follow chapter 6.2, find the minimum,  appears on LCD. Then, set the origin. At this time, wherever the measuring arm is the position of the minimum recorded by gauge. Follow chapter 6.3, find the maximum,  appears on LCD. Then, set the origin. At this time, wherever the measuring arm is the position of the maximum recorded by gauge.

a. Resolution: 0.001mm/0.00005in

b. Resolution: 0.005mm/0.0002in

- Battery is a CR2032, 3V. Replace the battery when display is blurring or  appears.
- If not used in about 5 minutes, the power will auto-off. The gauge will wake up when pressing "ON/OFF" key or moving measuring point.
- Power off the gauge by pressing "ON/OFF" key to save battery if not use.



- The gauge outputs data once if press the "DATA" key shortly, and "🔊" flashes once.

- Do not subject the gauge to blows or knocks.
- Do not drop the gauge or apply excessive force to the gauge.
- Do not disassemble the gauge.
- Do not press the key with a pointed object.
- Do not use or store the gauge under direct sunlight, or in an excessively hot or cold environment.
- Do not subject the gauge in strong magnetic fields and high voltage environment.
- Use soft cloth or cotton cleaning the gauge. Do not use any organic solvent such as acetone etc.
- Remove the battery if the gauge not use for a long time.



Failure	Causes	Repairing
Display "E 1"	Measuring value over display range.	Reset the origin or convert to relative measuring mode.
Display "E 2"	The origin is too great.	Reset the origin.
Display "E 3"	Something wrong with sensor.	1. Reset the battery. 2. Return the gauge for repair.
Display "E 4"	Upper limit < lower limit.	Reset tolerance.
Measuring value is not correct	1. Measuring surfaces are dirty 2. The origin isn't correct.	1. Clean measuring surfaces. 2. Reset the origin.
Display is confusing or dead	Suffer to strong disturb.	Reset battery.
No display	Battery voltage under 2.8V	Replace battery.
Display is blurring "E 00" appears	Battery voltage under 2.8V	Replace battery.

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