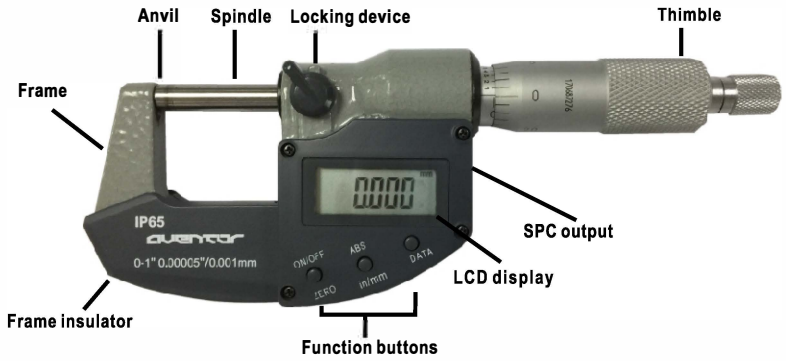
Operating Instructions and Parts Manual

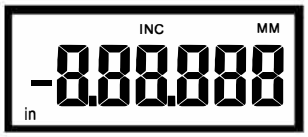
Please read through this owners manual carefully before using your new tool. Use your tool properly and only for its intended use.

Digi-Micrometer

1. Functional Elements



2. LCD Display



in: Inch measuring mode
mm: Metric measuring mode
INC: Relative measuring mode
ABS: No symbol present

3. Operation

- Keys are pressed two ways to execute functions:
  1. Press and immediately release.
  2. Press and hold for at least two seconds.

3.1 On/Off— Zero Key

- Press and release: Power on/off
- Press and hold: Zero set for absolute measuring

3.2 ABS/INC— Unit Key

- Press and release: Absolute and INC measuring mode conversion
- Press and hold: Inch/Metric conversion(“in” will appear for inch readings, “mm” will appear for metric readings.)

3.3 Data Output

In measuring mode, this is the data output key.

- Press and release:The micrometer will output the displayed data.

4. Power

- If the micrometer is not used for twenty-five minutes the power will automatically shut off. Powering off the micrometer by pressing the “On/Off–Zero” key to save the battery when not in use is recommended.
- Use a CR2032 battery and replace the battery when the display begins to blur.
- Remove the battery cap by turning it counterclockwise with a coin or the supplied “S” type wrench.
- Insert a new battery with (+) side up. Replace the battery cap by turning it clockwise.

5. Data Output

- The output interface is a RS-232C.
- The micrometer can be attached to a PC’s USB port by an SPC cable.
- To attach the cable, remove the data output cap and insert the cable.
- When not using the interface, always keep the data output cap in place.

6. General Specifications

- Measuring force: 5-10N
- Operating temperature: 0-40° C
- Storage temperature: -20-60° C

7. Precautions

- Do not subject the instrument to blows or shock. Do not drop it or apply excessive force.
- Do not disassemble the instrument.
- Do not press the keys with a pointed object.
- Do not use or store the instrument under direct sunlight.
- Avoid exposing the instrument away from strong magnetic fields and high voltage.
- Use a soft cloth to clean the instrument. Never use organic solvents such as acetone or benzene to clean.
- Clean measuring faces before use.
- If the instrument is to be stored or left unused for extended periods, remove the battery.

8. Troubleshooting

Problem(s)	Cause(s)	Solution(s)
Measuring data incorrect	1. Dirty measuring faces 2. Zero is incorrect	1. Clean measuring faces 2. Inspect and reset zero
No display on LCD	1. Battery position is incorrect 2. Battery is dead	1. Reset battery 2. Replace with new battery
1. Flickering display 2. Display is sporadic 3. Display remains dead	1. Weak battery 2. Weak battery 3. Battery position is incorrect	1. Replace battery 2. Replace battery 3. Reset battery
1. Display is blurry 2. Output data is incorrect	Weak battery	Replace with new battery