

INSTRUCTION MANUAL FOR DIGITAL MICROMETER (601-025)

➤ Technical Specification

Code	Range	Least Count
601-025	0-25 mm	0.010 mm
601-050	25-50 mm	0.010 mm
601-075	50-75 mm	0.010 mm
601-100	75-100 mm	0.010 mm
601-125	100-125mm	0.010mm
601-150	125-150mm	0.010mm



➤ Operation

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

➤ On/Off Zero Key

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

➤ 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.

➤ Data Output

In measuring mode, this is the data output key.

- Press and release: The micrometer will output the displayed data.
Press and hold: The micrometer will output the displayed data continually until the button is pressed again.



FORK MEASURING COMPANY
Vavdi Sr.No. 17, Plot No 55B, Rani Industrial Estate
Gondal Road, Rajkot-360002

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Power

- If the micrometer is not used for 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.

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.

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.



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Troubleshooting

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