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50-450-150	Electronic Interchangeable Anvil Micrometer

Features

Large LCD Display
Metric/Imperial conversion
Range: 0 – 150mm / 0-6”
Resolution: 0.001mm / 0.00005”
Protection Level: IP54: Water resistant
Relative and Absolute functions
Pre-Set facility
Zero Setting
Power On/Off
Auto Power Off
Tungsten Carbide tipped Spindle and Interchangeable Extension Rods
Supplied with torque assembly tool for Extension Rods
Supplied with Setting Rods: 25, 50, 75, 100, and 125mm
Standard Micrometer Barrel and Thimble reading 0.01mm
Ratchet Stop
Spindle Lock

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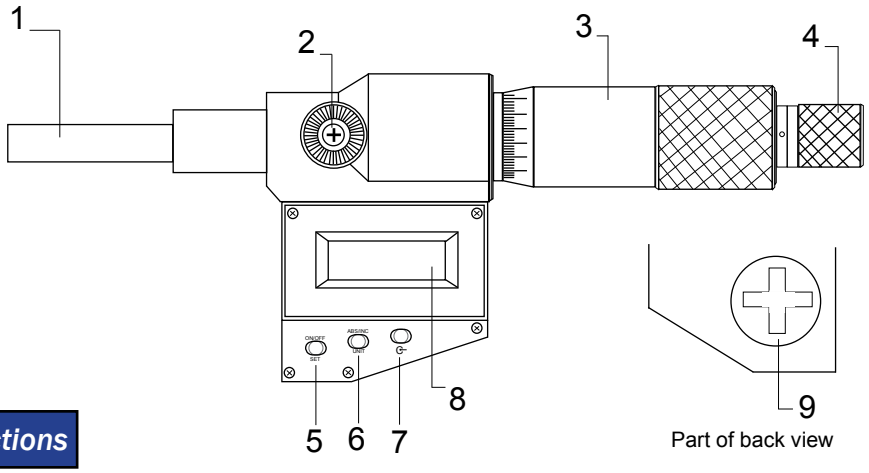

1. Spindle
2. Locking device
3. Thimble
4. Ratchet stop

5,6,7. Keys

8. LCD display
9. Battery

Button Functions

ON/OFF ● SET — Press and release to switch micrometer ON or OFF; Press and hold (2 seconds or more) for Pre-Set function in Absolute Mode

ABS/INC ● UNIT — Press and release to change between Relative and Absolute Modes; Press and hold (2 seconds or more) for either Metric or Inch measuring

● — Data Output: not available

Pre-Set Method

This is essential when changing the Extension Rods to set the micrometer at the new size range

With the desired Extension Rod fitted to the Micrometer and the Setting Rod correctly located between the Spindle and Extension Rod Anvil and using the Ratchet stop to control the measuring pressure, proceed as below.

1	Press and release ON/OFF to switch on display
2	Press and hold UNIT until desired Inch or Metric is displayed
3	Press and release ABS/INC to obtain ABS in display
4	Press and hold SET for 2 seconds until Set appears and flashes in display
5	Press and hold SET for 2 seconds more until Set sign goes out and first digit start flashing
6	Press and release SET to change first digit by 1, repeat until required number is displayed
7	Press and hold SET to advance to next digit
8	Repeat 6 & 7 until all the digits on the display have been programmed
9	Once the last digit has been programmed press and hold SET until Set flashes in display
10	Press and release SET to cancel the flashing Set in display
11	The micrometer is now set and ready for use

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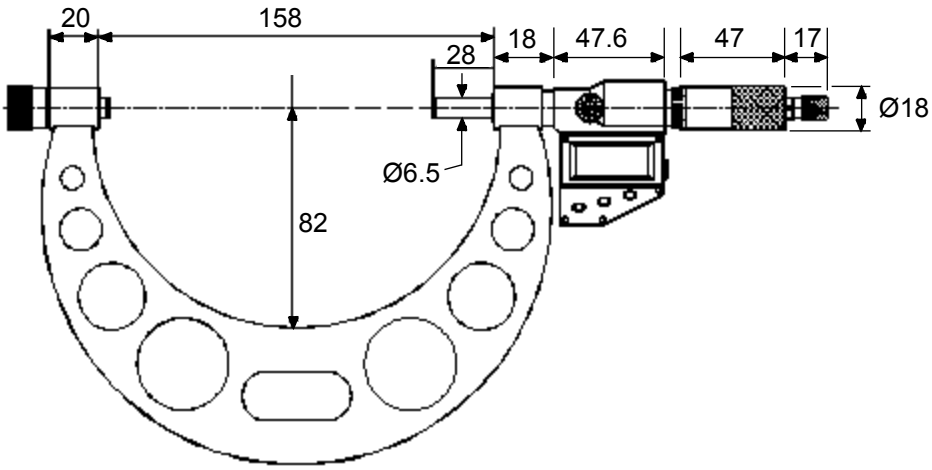

Care & Attention

* Do not subject the instrument to blows or knocks.
* Do not drop it or apply excessive force to it.
* Do not disassemble the instrument. The spindle is designed so that it cannot be removed from the inner sleeve. Do not move it past the upper limit of the measuring range.
* Do not press the key with a pointed object. Pressing the key along its moving direction, otherwise it will affect the key's sensitivity.
* Do not use or store the instrument under direct sunlight, or in an excessively hot or cold place.
* Do not let the instrument near strong magnetic field and high voltage.
* Use a soft or a cotton swab that is dry to wipe stains from the instrument. Do not use organic solvent such as acetone and benzene. Wipe measuring faces of the instrument before using it.
* Remove the battery if the instrument is not used for a long time.

Trouble Shooting

Failure	Causes	Repairing
Display "E 1" on LCD	Data overflow	Move spindle reverse or press "ON/OFF...SET" key.
Display "E 1" on LCD	1. Sensor flow 2. Something wrong with sensor	1. Reset battery 2. Return the micrometer for repair
Measuring data is not correct	1. Dirty measuring surfaces 2. Preset data isnt correct	1. Clean measuring surfaces 2. Inspect present data and reset it
No display on LCD	1. Battery is not properly set 2. Battery doesn't work	1. Reset battery 2. Replace battery
1. Display isn't steady 2. Display is confusing 3. Display remains dead	1. Battery voltage under 1.45v 2. Battery voltage under 1.45v 3. Battery is not properly set	1. Replace battery 2. Replace battery 3. Reset battery
1. Display blurring 2. The output data is wrong	Battery voltage under 1.45v	Replace battery
The output data is failure	The cable doesn't insert fully to the end	Insert the cable fully to the end again