

PRODUCT RANGE

50-700-001 Electronic Splash/Dust Proof Micrometer 0-25mm/0-1"



SPECIFICATION

- Splash / Dust Resistant
- Large easy to read LCD display.
- True inch/metric conversion.
- Resolution: - Metric 0.001mm Inch 0.00005in
- Tungsten Carbide anvil faces
- Friction style thimble and Spindle lock lever.
- Heat/Splash guard fitted to frame.
- Measuring force 5 – 10N.
- Maximum Measuring Speed 80mm / sec.
- Operating temperature 0 - 40° C
- Storage temperature -20 to 60° C
- Powered by single silver oxide cell, SR44W
- Accuracy $\pm 0.003\text{mm}$
- Repeatability 0.001mm
- Micrometer automatically switches off after 4 minutes of non-use

OPERATING INSTRUCTIONS

Set Micrometer for Absolute Measurement

- Clean micrometer anvils
- Select metric or inch mode as required
- Move micrometer anvils together and press O to set digits to read zero
- Use friction thimble to obtain repeating zero reading
- Micrometer is now ready to take measurements between 0 – 25mm / 0 - 1"

Set Micrometer for Relative Measurement

- Move micrometer spindle to desired nominal position
- Press O button to zero display
- Micrometer can now be used to indicate a + or – size from the nominal zero set position

OPERATING CARE

- Clean measuring faces with dry soft cloth only
- Keep away from strong magnetic fields
- Prevent ingress of oil/liquids into electronics
- Remove battery if instrument is not used for a long period of time
- Do not disassemble or drop instrument
- Do not mark instrument with ultrasonic etching pen

FAULT FINDING

Fault	Correction
Display confusion	Remove battery for 4 minutes then replace to reset electronics
Incorrect measurement	Clean measuring surfaces, reset zero/datum setting
No display	Check battery voltage and instrument contacts
Display flashes	Replace battery