

PRODUCT RANGE

- 50-885-001 Electronic Inside Micrometer 5-30mm
- 50-885-002 Electronic Inside Micrometer 25-50mm



TECHNICAL SPECIFICATION

- Large easy to read LCD display.
- Absolute and Relative measuring modes.
- True inch/metric conversion.
- Resolution :- Metric 0.001mm Inch 0.00005in
- Satin Chrome thimble and frame.
- Friction style thimble.
- Supplied with setting ring.
- Heat 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 0.007mm
- Repeatability 0.001mm

OPERATING INSTRUCTIONS

Set Micrometer for Absolute Measurement.
Clean micrometer anvils and setting ring provided.
Select metric mode for setting.
Insert micrometer measuring tips into ring gauge.
Use friction thimble to obtain repeating measurement.
Press Datum button to remove INC from display.
Press Preset button together with either Pr + or Pr – to move digits to setting ring size.
Preset +/- feature starts slowly and increases speed.
To fine set, get close to size and release button then re-press to move digits slowly again.
Once correct size is achieved press Preset button to set size into memory.
Set Micrometer for Relative Measurement
First set datum size for absolute measurement as above
Move micrometer spindle to desired nominal position
Press Datum button digits will zero
Micrometer can now be used to indicate a + or – size from the nominal zero set position
Return to Absolute Measuring System
Press Datum button to remove INC from display, digits will show actual gap size from original datum size setting.

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 value is frozen	Check if H or P mode
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