

PRODUCT RANGE

- 50-870-001 Electronic Thread Micrometer 0-25mm/0-1"
- 50-870-002 Electronic Thread Micrometer 25-50mm/1-2"
- 50-190-200 Thread Elements (6 Pairs) 0.4-6.0mm



SPECIFICATION

Each micrometer supplied complete with 5 pairs of 60 Thread Elements

Model: 0 - 25mm: Elements 1 - 5

Model: 25 - 50mm: Elements 2 - 6 plus 25mm Setting Master

Element	Pitch Range
1	0.4-0.5mm
2	0.6-0.8mm
3	1.0-1.25mm
4	1.5-2.0mm
3	2.5-3.5mm
4	4.0-6.0mm



OPERATING INSTRUCTIONS

Clean micrometer spindle to ensure smooth operation

Select and clean required set of Thread Elements to suit thread pitch of workpiece to be measured

Lock fixed anvil in mid position of its travel

Insert Thread Elements into the micrometer and check they are free to rotate to ensure correct alignment with the thread helix when taking measurements

Model 0 - 25mm

Advance the micrometer spindle to bring the Thread Elements together

Use the friction thimble to finally nest the single point element inside the double point element

Set the micrometer in Absolute Mode and the digital display to zero at this position (see Micrometer instruction leaflet for display function setting)

Model 25 - 50mm

Advance the micrometer spindle to bring the Thread Elements towards the Setting Master

Use the friction thimble to finally nest the micrometer Elements into the Setting Master

Set the micrometer in Absolute Mode and the digital display to zero at this position (see Micrometer instruction leaflet for display function setting)

The Micrometer can now be used direct measurement of the Effective/Pitch diameter of the workpiece

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