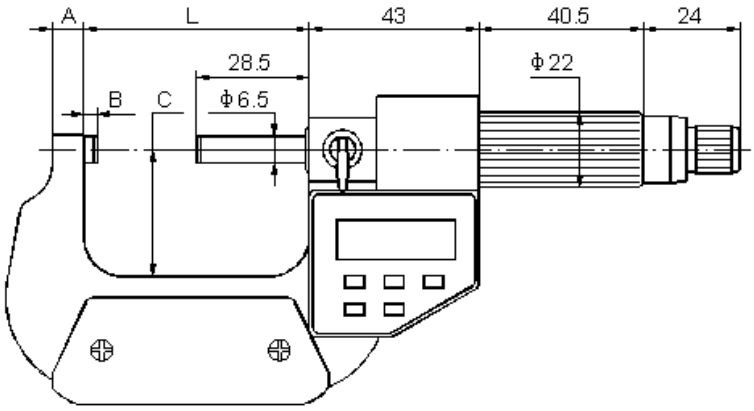
DATA - SHEET 1070

Electronic Digital Micrometer (50-800 range)

SPECIFICATION

- Accuracy:
  0-50mm: +/- .002mm
  50-100mm: +/- .003mm
- Clear LCD display
- Inch / Metric conversion
- Tolerance, relative & absolute modes
- Resolution: .001mm & .0005”
- Satin chrome frame & thimble
- Dia of spindle 6.5mm
- Friction thimble & ratchet end knob
- Spindle lock lever
- Setting rods supplied with models above 25mm
- Plastic heat guard
- Instructions supplied
- Housed in fitted case
- One year guarantee
- Supplied with ball anvil attachment



Order Code	Range	A	B	C	L
50-800-001	0-25mm	6mm	3.5mm	24mm	32mm
50-800-002	25-50mm	8mm	3.5mm	32mm	57mm
50-800-003	50-75mm	8mm	3.5mm	45mm	82mm
50-800-004	75-100mm	8mm	3.5mm	57mm	107mm

Electronic Digital Micrometer (50-800 range)

PANEL STYLE ONE:

for 0-25mm micrometers only

Datum	selects relative & absolute modes
Preset	sets zero positive for measurement
Tol	sets upper & lower tolerance sizes
mm/in	selects mm & inch modes + power on
off	power off

OPERATING INSTRUCTIONS

Set absolute datum zero
Clean micrometer & spindle
Close together using friction thimble
Select either millimetre or inch mode
Press datum button so that inc does not display
Press preset button, digits will zero
Micrometer can now be used to indicate + or - sizes from the norminal zero set position

Return to absolute measuring system
Press datum button to remove inc from display, digits will show actual gap size from original zero setting

Set tolerance sizes
First set absolute datum zero
Press Tol button once, ▲ will appear on display
Move micrometer spindle to display upper tolerance size
Press Tol button once, ▼ will appear on display
Move micrometer spindle to display lower tolerance size
Press Tol button once, to set upper & lower sizes
When measurement is above upper tolerance ▲ will flash
When measurement is below lower tolerance ▼ will flash
When measurement is within tolerance display is clear
Micrometer is constantly on unless off button is pressed

Electronic Digital Micrometer (50-800 range)

PANEL STYLE TWO:

for 0-25mm micrometers only

Datum	selects relative & absolute modes
Preset	sets required datum size
Pr+	moves digits in plus direction
Pr-	moves digits in minus direction
mm/in	selects mm/in mode & power on

OPERATING INSTRUCTIONS

Set datum size for absolute measurement
Clean micrometer & spindle
Select metric mode for setting
Close onto setting master using friction thimble
(25mm rod for 25-50) (50mm rod for 50-75) (75mm rod for 75-100)
Press Datum button together to remove inc from display
Press Preset button together with either Pr+ or Pr- to move digits to read size or setting rod
Once correct size is indicated press Preset button to set into memory

Press ± feature starts slowly and increases speed
To fine set get close to size and release button then re-press to move digits slowly again

Set relative datum zero
First set datum size for absolute measurement
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.

Electronic Digital Micrometer (50-800 range)

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 by engraving, etching or any other permanent method as this will invalidate the warranty

Fault**Finding**

FAULT	CORRECTION
Display Value Frozen	Check if in H or P mode
Display Confusion	Remove battery for 4 mins then replace to reset electronics
Incorrect Measurement	Clean measuring surfaces, reset zero/datum setting
No display	Check battery voltage & instrument contacts
Off button will not switch off display	Clear from Tol or preset mode
Display Flashes	Replace Battery