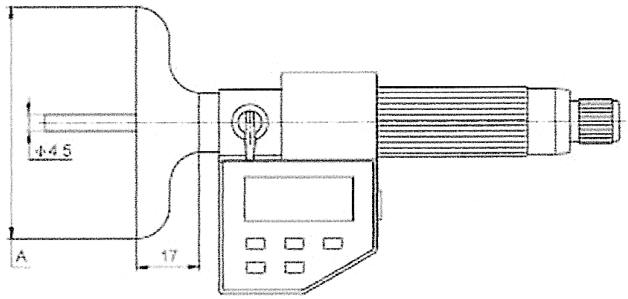
Protection: IP 54 Splash Proof
DIN 863/1
Clear LCD Display
Metric/Inch Conversion
Tolerance, Relative & Absolute Modes
Resolution 0.001mm/0.0005”
Satin Chrome Frame and Thimble
Friction Thimble with Ratchet End Knob
Spindle Lock Lever
Plastic Heat Guard
Supplied with 6 x Flat End Depth Rods
Complete in fitted case

Packed Weight and Dimensions

Code	Description	Weight g	W mm	H mm	L mm
50-890-006	Electronic Depth Micrometer 0-150mm / 0 -6”	760	140	45	253



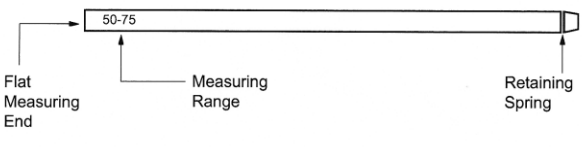
Code	Range mm/1nch	A-Base Length mm	Base Width mm	Accuracy mm
50-890-006	0-150 – 6”	101.5	16	0.005

Power: 1 x SR44: 1.5V battery

Code	Range	Rod Diameter
Metric	Metric	mm
50-891-025	0 – 25mm	4.5mm
50-891-050	25 – 50mm	4.5mm
50-891-075	50 – 75mm	4.5mm
50-891-100	75 – 100mm	4.5mm
50-891-125	100 – 125mm	4.5mm
50-891-150	125 – 150mm	4.5mm
Inch	Inch	
50-891-001	0 – 1”	4.5mm
50-891-002	1 – 2”	4.5mm
50-891-003	2 – 3”	4.5mm
50-891-004	3 – 4”	4.5mm
50-891-005	4 – 5”	4.5mm
50-891-006	5 – 6”	4.5mm

Micrometer Depth Rods:

Flat measuring end
Both ends hardened to prevent wear
Retaining spring hold rod inside micrometer body
Rod contacts internal datum under measuring pressure
Each rod marked with measuring range



Electronic Depth Micrometers 50-890-006

Buttons:

SET	Sets origin data for absolute measurement
O...ABS	Selects INC or ABS
O	Data Output
ON/OFF / Hold	Power on or off
Mm/in	Selects mm or in

In	:	Inch Mode
INC	:	Relative Measuring
ABS	:	Absolute Measuring
	:	Battery Voltage is Low
O	:	Data Output
Set	:	Set the Origin
Hold	:	Display value Held

Operation:

There are 2 ways of pressing the micrometer buttons used in the following instructions
Press and release immediately = (P & Rel) or Press for 2 seconds and release = (P + 2 sec)

Button Functions:

Hold & ON/OFF Button

ON/OFF:	(P + 2 sec)	Power on/off
Hold:	(P & Rel)	Holds the displayed value
SET:	(P & Rel)	Sets the origin

O-ABS Button

O:	(P & Rel)	Sets display to zero, enter relative measuring mode
ABS:	(P + 2 sec)	Selects Absolute measuring mode

Mm/in: (P & Rel) Selects Metric or Inch resolution

Clock: Not avail Data output

Set New Origin:

Press SET button, “Set” flashes and the origin is displayed
Press SET button again, “Set” disappears and the displayed value is set to the Origin

To program the Origin value:

Press and hold SET button until “Set” disappears and the first digit starts flashing
Press SET button and hold until the flashing digit advances to the required value
Press and hold SET button until the next digit starts flashing
Repeat the previous steps until the required value is displayed
Press and hold SET button until “Set” flashes
Press and release SET button to store the newly programmed Origin
The Origin will not return to the factory setting after removing and replacing the battery

Electronic Depth Micrometers 50-890-006

Specifications:

Measuring Force:	5 – 10N
Power Consumption:	Greater than 35 milliamps
Operating Temperature:	0 – 40 deg.C
Storage Temperature:	-20 to 60 deg. C
Protection Class:	IP54 (resistant to water splash)

Operating Care

Clean measuring faces with a clean soft cloth only
Do not use any organic solvent for cleaning such as acetone etc.
Keep instrument away from strong magnetic fields and high voltage environments which can affect the correct working of the electronic pack
Prevent the ingress of oil and liquids into the electronics
Do not use or store the micrometer in direct sunlight, or in an excessively hot or cold environment
Remove battery if the instrument is not to be used for a long period of time
Do not disassemble or drop the instrument

Do not mark the instrument by engraving, etching or any other permanent method of marking as this will invalidate the warranty

Fault Finding

Failure	Causes	Remedy
Display: “E 1” Display: “Exxxxx”	Measured value is over display range	Reset the origin or change to relative mode
Display: “E 2”	The origin is too great	Reset the origin
Display: “E 3” Display: “E 8”	1 The micrometer is disturbed 2 Something wrong with sensor	1 Reset the battery 2 return the micrometer for repair
Measured value is not correct	1 Measuring surfaces are not clean 2 The origin is incorrect	1 Clean measuring surfaces 2 Reset the origin
Display is confused or dead	Strong disturbance to micrometer	Reset battery
No display Display is blurring Battery sign appears	Battery voltage below 1.45V	Replace battery