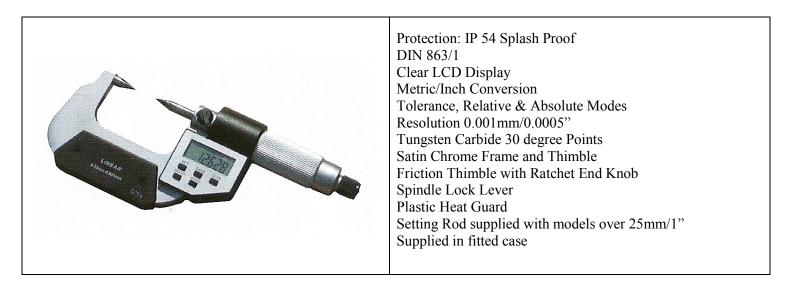
Data Sheet: LDS 1173

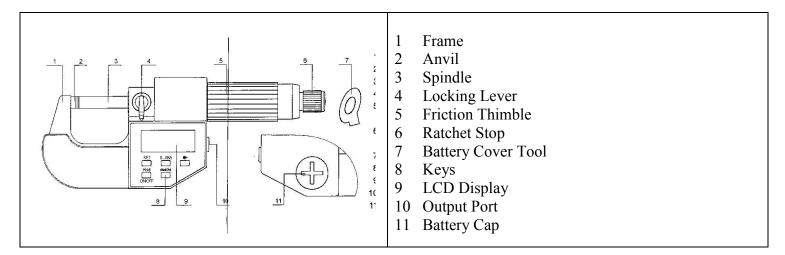
Electronic Point Micrometers 50-810-Series

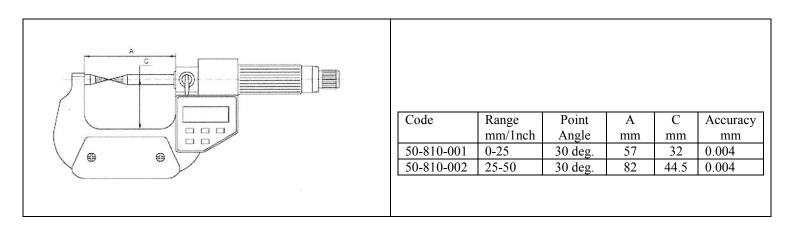
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Packed Weight and Dimensions

Code	Description	Weight g	W mm	H mm	L mm
50-810-001	Electronic Point Micrometer 0-25mm / 0 -1"	612	115	45	223
50-810-002	Electronic Point Micrometer 25-50mm / 1-2"	760	140	45	253





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SET 0ABS C Hold mm/in	Buttons:SETSets origin data for absolute measurementOABSSelects INC or ABSOData OutputON/OFF / HoldPower on or offMm/inSelects mm or in
ABS INC Set G	In : Inch Mode



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: Hold:	(P + 2 sec) (P & Rel)	Power on/off Holds the displayed value		
SET:	(P & Rel)	Sets the origin		
O-ABS Button				
O: ABS:	(P & Rel) (P + 2 sec)	Sets display to zero, enter relative measuring mode Selects Absolute measuring mode		
Mm/in: (P & Rel) Selects Metric or Inch resolution				
Clock:	Not avail	Data output		

Set the 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 Rotating the spindle will not change the origin when "Set" is flashing

Adjust the Origin:

Rotate the thimble until the desired value is displayed. Press Hold button (P & Rel) to hold this value Press SET button, "Set" flashes and the displayed value is stored as the origin Press SER button again, "Set" disappears and this value is set to the Origin Rotating the spindle will not change the origin when "Set" is flashing The Origin will return to the factory setting following removal and replacement of the battery

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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

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

Fault Finding