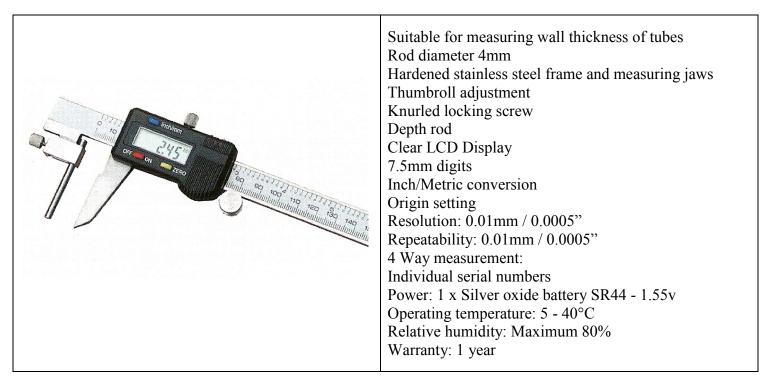
Data Sheet: LDS 1243

Electronic Tube Caliper



Packed Weight and Dimensions

Code	Description	Weight g	W mm	H mm	L mm
49-150-171	Electronic Tube Caliper 150mm / 6"	435	145	25	292

Code	Range	Resolution	Repeatability	Accuracy
49-150-171	150mm / 6"	0.01mm / 0.0005"	0.01mm / 0.0005"	$ \begin{array}{c} \pm 0.02 \text{mm} (\leq 100 \text{mm}) \\ \pm 0.03 \text{mm} (\geq 100 \text{mm} - 200 \text{mm}) \end{array} \end{array} $

Code	Range	External Jaw Length	Internal Jaw Length
49-150-171	150mm / 6"	45mm	External Jaws only

OPERATING INSTRUCTIONS

When using the Caliper for the first time or after a period of non-use, wipe the beam scale with a dry clean cloth to remove any condensation or oil deposits.

Prior to setting the caliper for measuring, first clean the measuring faces with a soft clean cloth or paper. Switch Caliper ON

Move Caliper jaws together.

Select required measuring mode Inch / Metric.

Zero display, caliper is now ready for direct measurement.

Caliper can be zeroed at any position within its range, to provide relative measurements.

Caliper provides 4 way measurements, External, Internal, Step and Depth.

Electronic Tube Caliper

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OPERATING CARE

Clean measuring faces with dry soft cloth 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 the instrument **Do not mark instrument by engraving, etching or any other permanent marking method, as this will invalidate the warranty**

FAULT FINDING

Fault	Cause	Action
Display flashes	Battery voltage below 1.45volts	Replace battery
Display frozen	Circuit overload	Remove battery and replace after 4 minutes
Accuracy below specification	Dirt in sensor	Remove slider cover assembly, clean face of sensor with dry
but within +/- 0.1mm		clean compressed air (5kg/cm2)
No display	Poor battery contact	Remove battery and carefully adjust battery contacts, replace
		battery.
	Dead battery	Replace battery.