

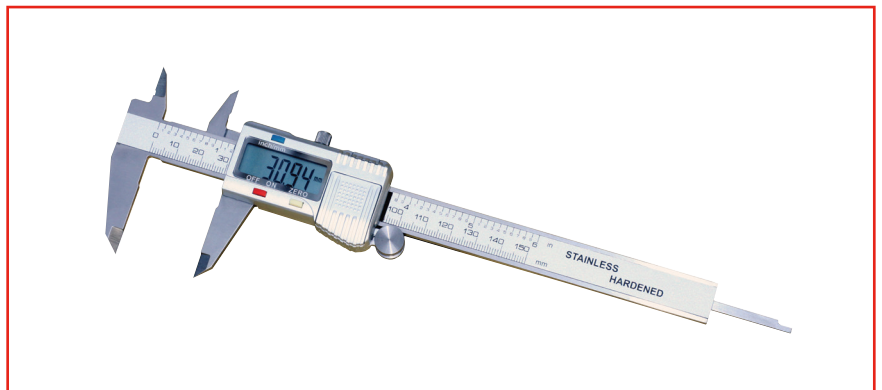


ENGLISH

# Datasheet

## RS Pro Electronic Caliper RoHS Compliant

RS Stock No: 247-161



### Specifications:

Hardened stainless steel frame and measuring jaws

Thumbroll adjustment

Knurled locking screw

Depth rod

Clear LCD Display

Large 10mm digits

Inch/Metric conversion

Origin setting

Resolution: 0.01mm / 0.0005"

Repeatability: 0.01mm / 0.0005"

4 Way measurement:

Individual serial numbers

Power: 1 x Lithium battery CR2032 – 3v

Maximum measuring speed: 1.5 metres per second

Operating temperature: 5 - 40°C

Relative humidity: Maximum 80%

Warranty: 1 year

Order Code	Manufacturers Code	Description
247-161	49-900-153	Electronic Caliper RoHS Compliant



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## RS Pro Electronic Caliper RoHS Compliant

### Specifications:

Range: 150mm / 6"

Resolution: 0.01mm / 0.0005"

Repeatability: 0.01mm / 0.0005"

External Jaw Length: 40mm

Internal Jaw Length: 18mm

Accuracy

$\pm 0.02\text{mm}$  ( $\leq 100\text{mm}$ )

$\pm 0.03\text{mm}$  ( $\geq 100\text{mm} - 200\text{mm}$ )

### Specifications:

ON/OFF: Power Switch

Inch / mm: Inch / Metric conversion

ZERO : Zero's Display

### 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.



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## RS Pro Electronic Caliper RoHS Compliant

### 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 but within +/- 0.1mm	Dirt in sensor	Remove slider cover assembly, clean face of sensor with dry clean compressed air (5kg/cm2)
No display	Poor battery contact	Remove battery and carefully adjust battery contacts, replace battery.
	Dead battery	Replace battery.