



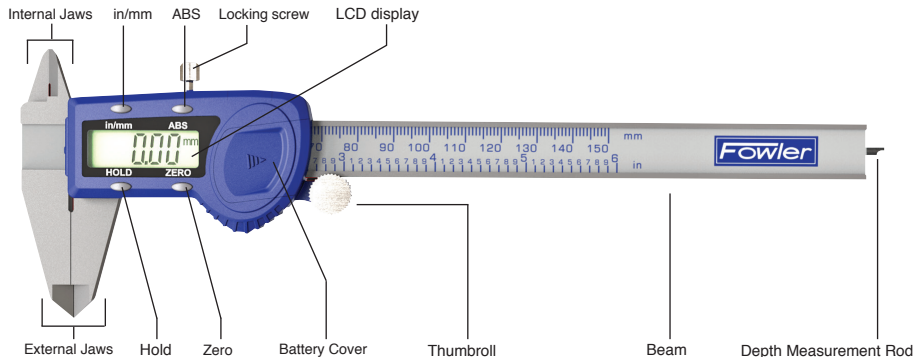
XTRA-VALUE CAL Electronic Caliper

Thank you for your purchase of the Fowler Xtra-Value Cal Electronic Caliper.

Please carefully review this instruction manual to insure proper and accurate use of your new instrument.

IMPORTANT!

1. Before using this caliper for the first time, wipe the rust preventive oil from the caliper with a soft cloth.
2. Never apply voltage (e.g. engraving with an electric engraver) on any part of the caliper for fear of damaging the circuit.
3. After use, take corrosion prevention measures such as a very fine clock oil.



Operating Instructions and Parts Manual

Model No: 54-101-150-2
74-101-150-2

Functions and Features

Turn on the caliper by moving the measuring carriage. Auto switch off after several minutes.

Zero Setting: Press <zero> function button

Changing Measuring Standard: Press <inch/mm> function button to toggle between in/mm

Absolute/Incremental: Press <abs> button, to return to zero function press button again

Hold: Press once to freeze display reading. Press again to resume measuring

Cleaning

Clean the caliper with a soft cloth and a few drops of fine clock oil. DO NOT use any type of solvent. DO NOT immerse the caliper in liquid.

Battery Replacement

- Slide off the battery cover, then remove the battery by gently tapping the instrument in your hand (Never try to force or pry the battery out). Insert the new battery with the positive pole "+" facing upwards and replace the cover
- Please dispose of used batteries at a proper collection center.

SEE REVERSE FOR FURTHER INSTRUCTIONS

Fowler High Precision, Inc.
66 Rowe Street • Newton, MA 02466
1-800-788-2353 • Fax: 617-332-4137

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XTRA-VALUE CAL Electronic Caliper

Troubleshooting Chart

Symptom

- Digits do not change or count correctly
- No Display

Corrective Action

- Remove the battery for 30 seconds then reinstall.
- Check battery contacts or replace battery.

RESET: In order to RESET the instrument, remove the battery, wait 30 seconds, replace the battery and turn the instrument on.

Precautions: *Although a top quality product, certain precautions are required for any electronic instrument:*

- Avoid exposure to all liquids and excessive humidity.
- Avoid exposure to electromagnetic fields.
- Do not expose the instrument to direct sunlight.
- Do not attempt to disassemble the caliper.

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Technical Data

Measuring Range:	0-6"/150mm
Resolution:	.0005"/.01mm
Accuracy:	±.001"/.02mm
Repeatability:	.0005"/.01mm
Measuring System:	Capacitive
Display:	LCD 8.0 mm high
Maximum Measuring Speed:	120" per second
Battery:	3V, CR2032 Lithium Battery #54-100-350-0
Battery Life:	Approximately 1 year
Operational Temperature Range:	0°C to +40°C
Maximum Relative Humidity:	80%



TO AVOID INJURY

- DO NOT disassemble, short-circuit, charge, or heat the battery.
- The outside and inside measuring jaws of this caliper have sharp edges, handle it with great care.