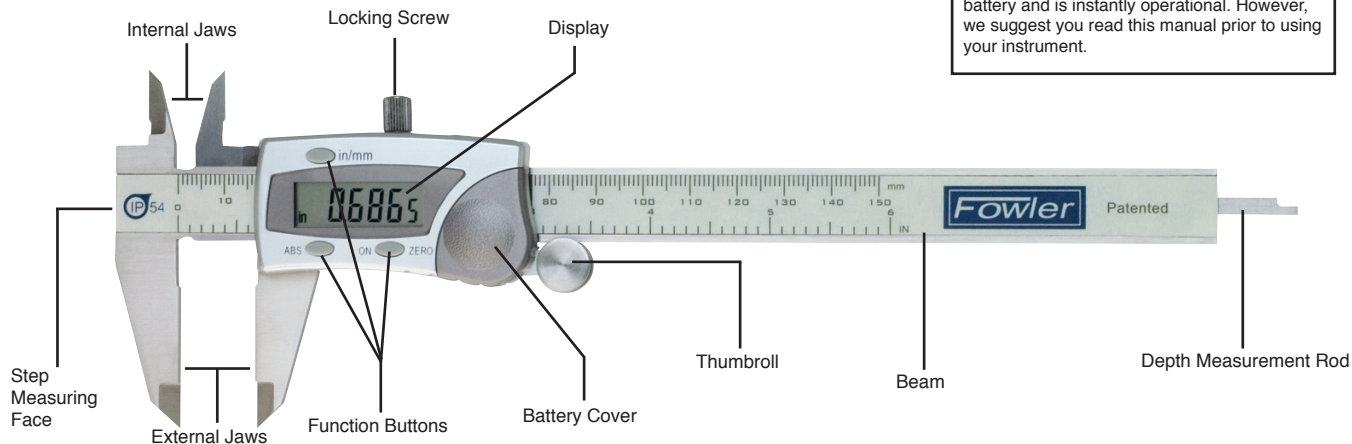




IP-54 Electronic Caliper

54-100-777-1

54-100-712



IMPORTANT!

Initial Operation

This electronic caliper comes supplied with a battery and is instantly operational. However, we suggest you read this manual prior to using your instrument.

Functions

On/Zero: Press <on> function button. Press button an additional time to zero. Caliper features auto-off function.

Zero Setting: Press <zero> function button.

Change Measuring Standard: Press <inch/mm> function button.

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

RS232 data output: By connection cable (not included).

Battery Replacement

Once Display begins flashing:

- Slide battery cover to open, 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.

Cleaning

Clean the caliper with a soft cloth. You may sparingly use some isopropyl alcohol. DO NOT use any other type of solvent. DO NOT immerse the caliper in any type of liquid.

In case of water / coolant splash:

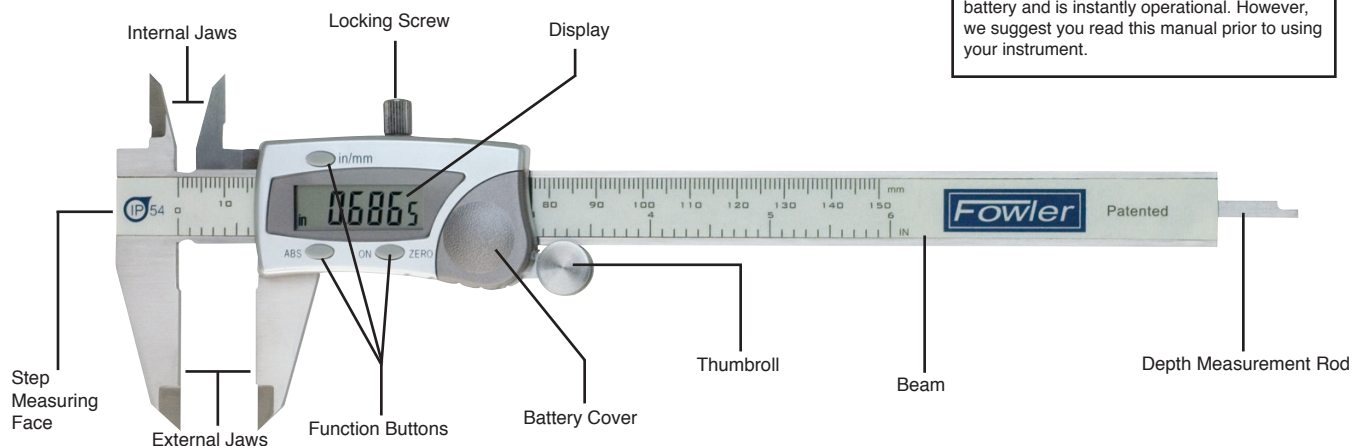
The electronic unit for this instrument is water resistant. In case of liquid splash, the display may possibly fail. Wipe off the liquid, be sure the liquid between the slider and beam is completely dried. Then reset the instrument.



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Guarantee: We guarantee this instrument against any fault of design, manufacture or material for a period of 12 months from the date of purchase. Any repair work carried out under the guarantee conditions is free of charge. Our responsibility is limited to the repair of the instrument or, if we consider it necessary, to its free replacement.

Declaration of conformity and confirmation of traceability of the values: Thank you very much for your confidence in purchasing this product. We herewith certify that it was inspected in our works. We declare under our sole responsibility that this product is in conformity with standards and technical data as specified in our sales documents (instruction manual, leaflet, catalog). In addition, we certify that the measuring equipment used to check this product refers to national master standards, the traceability of measuring values is guaranteed by our Quality Assurance.

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: | Model 54-100-777-1 is 0-6" /150mm Model 54-100-712 is 0-12" /300mm |
| Resolution: | .0005" /0.01mm |
| Maximum deviation: | .001" /0.02mm over 100mm* .002"/0.04mm over 300mm |
| • Repeatability: | .0005" /0.01mm |
| • Measuring system: | Capacitive |
| • Display: | LCD (7.0 mm high) |
| • Maximum Measuring Speed: | 120" per second |
| • Battery: | 1.5V, type SR44, 165mAh (Part #: 54-902-110) |
| • Battery life: | Approx. 1 year |
| • Degree of protection: | IP54 |
| • Operational Temperature Range: | +10°C to +40°C |
| • Maximum Relative Humidity: | 80% |

• For measurement with directional changes and for measurement with the depth rod, the values are increased by .02mm

† When using data output, the protection degree is IP40.



"A Standard of Quality & Accuracy"

Fred V. Fowler Company, Inc.
66 Rowe Street • Newton, MA 02466
1-800-788-2353 • 617-332-4137(fax)
Internet: www.fvfowler.com

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