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). The 54-100-004-1 does not have RS232 capabilities.

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.
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.

---

**Fowler Electronic Digital Caliper**

54-100-000-1
54-100-004-1
54-100-008-1
54-100-112-1

---

### Technical Data

- **Measuring Range:**
  - Model 54-100-000-1: 0-12" / 300mm
  - Model 54-100-004-1: 0-4" / 100mm
  - Model 54-100-008-1: 0-8" / 200mm
  - Model 54-100-112-1: 0-6" / 150mm

- **Resolution:**
  - .0005" / .01mm
  - .001" / .02mm over 100mm*
  - .0015" / .03mm over 200mm

- **Battery:**
  - 1.5V, type SR44, 165mAh
  - (Part #: 54-902-110)

- **Battery life:**
  - Approx. 1 year

- **Display:**
  - LCD (7.0 mm high)

- **Maximum Measuring Speed:**
  - 120" per second

- **Repeatability:**
  - ±.0005" / ±.01mm

- **Maximum deviation:**
  - ±.0015" / ±.03mm

- **Measuring range:**
  - ±1.50" / ±38mm over 100mm
  - ±0.050mm over 200mm
  - ±0.100mm over 300mm

- **Degrees of protection:**
  - IP40

- **Operational Temperature Range:**
  - +10˚C to +40˚C

- **Maximum Relative Humidity:**
  - 80%

---

Precautions:

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

**Warning:**

Avoid exposure to all liquids and excessive humidity. Precautions are required for any electronic instrument. Although a top quality product, certain precautions must be observed. The instrument must be returned to the factory for repair work under the guarantee conditions after 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.

---

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