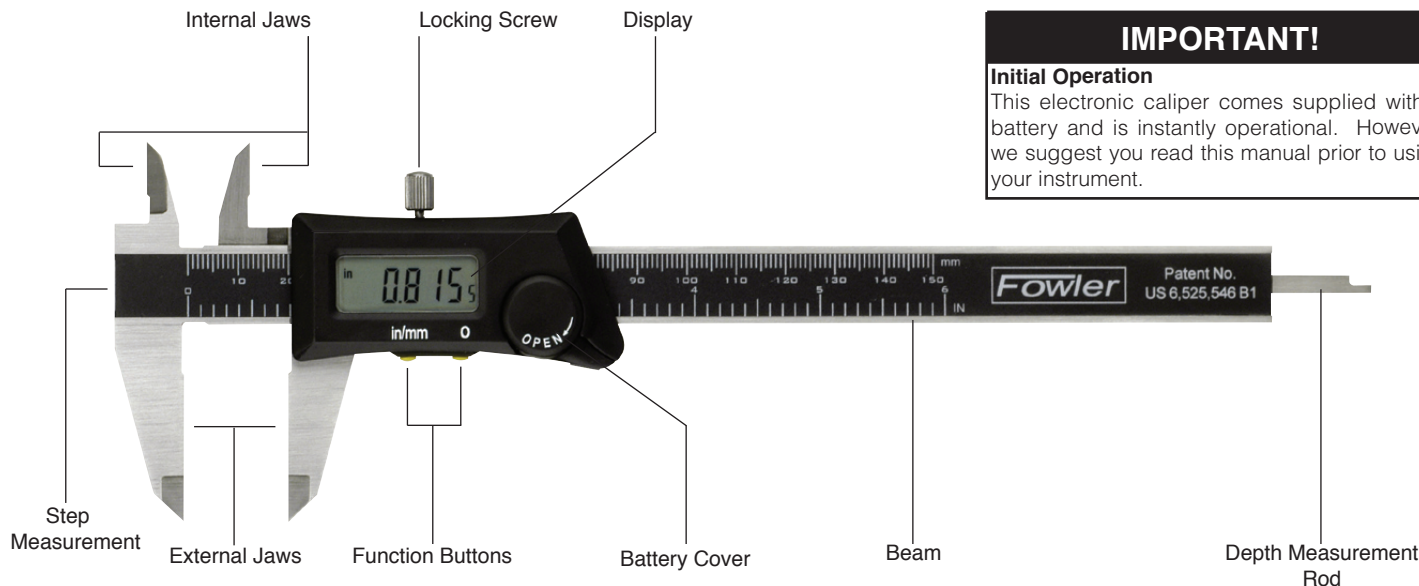




Value-Cal Instruction Manual

Patent No. US6,525,546 B1

Part Number: 54-100-000, 54-100-004, 54-100-008, 54-100-112



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

Switch On: Move carriage or press either button.

Zero Setting: Press <zero> function button.

Change Measuring Standard: Press mm/inch function button.

Auto-Off: After 4-5 minutes.

Battery Replacement

Once Display begins flashing:

- Lift 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.

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.

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.

Technical Data

Measuring Range:	Model 4KU98 is 0-6" /150mm Model 4KU99 is 0-12" /300mm
Resolution:	.0005" /0.01mm
Maximum deviation:	.001" /0.02mm over 100mm* .0015" /0.03mm over 200mm
• Repeatability:	.0005" /0.01mm
• Measuring system:	Capacitive
• Display:	LCD (7.0 mm high)
• Maximum Measuring Speed:	1.5m per second
• Battery:	1.5V, type SR44, 165mAh
• Battery life:	Approx. 4000 working hours
• Degree of protection:	IP40
• 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

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 conformation 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.

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