



# INSTRUCTIONS FOR ELECTRONIC DIGITAL CALIPER Model No: AK962EV

Thank you for purchasing a Sealey product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.



**IMPORTANT**

**PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS, AND CAUTIONS. USE THIS PRODUCT CORRECTLY AND WITH CARE, FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY.**

## 1. SAFETY INSTRUCTIONS

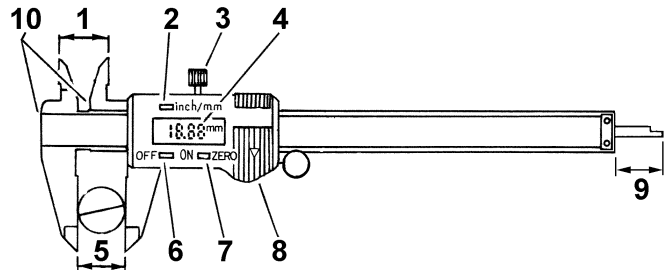
- ❑ **WARNING! Ensure Health and Safety, local authority and general workshop practice regulations are adhered to when using tools and equipment.**
- x **DO NOT** use caliper if damaged.
- ✓ Maintain caliper in good and clean condition for best and safest performance.
- ✓ Keep the work area clean, uncluttered and ensure there is adequate lighting.
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- ✓ Remove ill fitting clothing. Remove ties, watches, rings and other loose jewellery. Contain or tie back long hair.
- ✓ Keep children and unauthorised persons away from the work area.

## 2. INTRODUCTION & SPECIFICATION

The Electronic Digital Caliper, which provides external, internal, depth and step measurements, is used in the same manner as a normal vernier caliper but gives an immediate digital read-out. This avoids the errors inherent in reading a vernier scale and also speeds up the measuring process.

**Specification**

Resolution	.01mm (0.0005")
Range	.150mm (6")
Accuracy	±0.02mm (±0.001") @ <100mm ±0.03mm (±0.001") @ >100mm
Repeatability	.01mm (0.0005")
Functions	Zero set, mm/inch select, incremental zero
Response speed	Up to approx. 1500mm/s (60"/s)
Messages	Flashing display = replace battery
Battery life	Approx. two years (approx. one year in continuous service)
Battery part number	.AK962EV/B
Temperature range - Operation	.5 - 40°C



- |                    |                    |
|--------------------|--------------------|
| 1 Internal Measure | 6 'Off' Switch     |
| 2 'Inch/mm' Switch | 7 'On/Zero' Switch |
| 3 Locking Screw    | 8 Battery Cover    |
| 4 LCD Display      | 9 Depth Measure    |
| 5 External Measure | 10 Step Measure    |

## 3. OPERATION

- ❑ **WARNING! Ensure that you have read and understood Section 1 safety instructions before commencing.**
  - x **DO NOT** use the caliper if damaged.
  - x **DO NOT** use the caliper for any purpose other than for which it is designed.
  - x **DO NOT** get caliper wet or use in damp or wet locations, or areas where there is condensation. Keep caliper clean and dry using a dry cotton cloth only.
  - x **DO NOT** dip or submerge the caliper in any type of liquid.
  - x **DO NOT** expose caliper to bright sunlight or dust.
  - x **DO NOT** dis-assemble caliper. The caliper must be checked by qualified service personnel only.
  - x **DO NOT** apply any voltage to the caliper i.e. with an electric marker pen.
  - ✓ The caliper is a precision instrument, treat with care, avoid using force and do not subject to knocks or shocks.
  - ✓ Take particular care not to damage or scratch the scale surface.
  - ✓ Use caliper in reasonably constant temperature conditions of approximately 20°C
  - ✓ When not in use, **turn off** and store caliper in a safe, dry, childproof location.
1. Ensure all measuring surfaces are clean and then turn on caliper by pressing 'On/Zero' switch. Wait at least one second before use.
  2. Loosen clamp screw and close caliper; if read-out does not show zero **when in closed position**, reset by pressing 'On/Zero' switch again.
  3. Select 'inch' or 'mm' units, as required, with the 'Inch/mm' selector switch. Check that display shows the required units.
  4. Measurements will now be shown directly on the LCD display.
  5. A new 'zero' may be obtained, at any open position of the caliper, by pressing the 'On/Zero' switch.

## 4. BATTERY FITTING

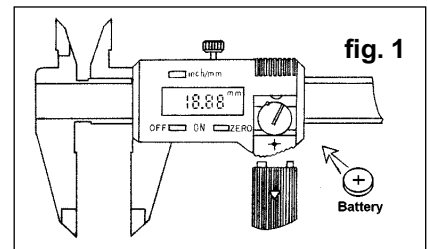
Two batteries are supplied with the caliper, one installed and one spare.

A flashing display indicates that the battery is exhausted - replace as follows:

1. Remove battery cover (8) by sliding downward and lifting the lower edge.
2. Remove exhausted battery and fit replacement with **+ve side uppermost** (fig.2). Refit battery cover.
3. Dispose of old battery in a safe and approved manner. **Do not burn.**

**If the display fails to alter when the slide is moved, remove the battery - wait at least 30 seconds and then refit the battery.**

Use only a genuine replacement batteries, Part Number AK9629E/B, which can be obtained from your local Sealey distributor.



**NOTE:** It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

**IMPORTANT:** No liability is accepted for incorrect use of product.

**WARRANTY:** Guarantee is 12 months from purchase date, proof of which will be required for any claim.

**INFORMATION:** For a copy of our latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.



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