



INSTRUCTIONS FOR
**POCKET INFRARED LASER DIGITAL
 TERMOMETER**
 MODEL NO: **VS909**

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 & CAUTIONS. USE THE 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. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



1. SAFETY

1.1. General Safety

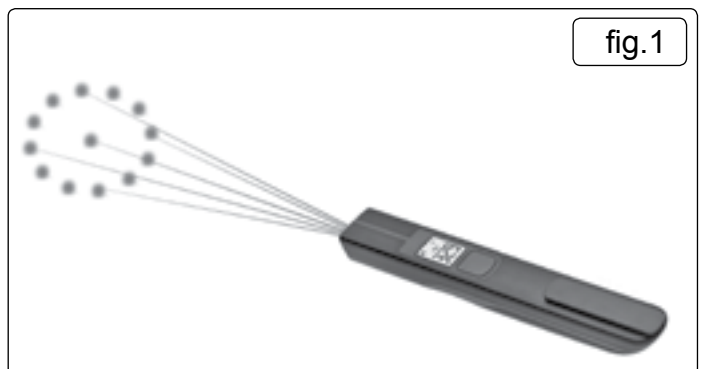
- WARNING!** Ensure that Health & Safety, local authority and general workshop practice regulations are adhered to when using this equipment.
- WARNING! DO NOT** aim the laser beams at your or another person's or animal's eye and beware of reflections from mirrors or other shiny surfaces.
- ✓ Familiarise yourself with the applications, limitations, and potential hazards of the thermometer.
- ✓ Keep the thermometer clean and in good condition.
- ✓ Protect the thermometer from the following:
 - a) Electro-magnetic fields from arc welders and induction heaters closer than 125mm.
 - b) Static electricity.
 - c) Thermal shock caused by large and/or rapid ambient temperature change.
 - d) High temperatures.
- ✗ **DO NOT** get the thermometer wet or use in damp or wet locations or areas where there is condensation.
- ✗ **DO NOT** take readings through transparent materials such as glass or clear plastic. The surface temperature of these materials will be measured.
- ✗ **DO NOT** use the thermometer in areas where there is steam, dust or smoke. These conditions will result in false readings.
- ✗ **DO NOT** use the thermometer for any purpose other than that for which it is designed.
- ✗ **DO NOT** allow untrained persons (particularly children) to operate the thermometer.
- ✗ **DO NOT** operate the thermometer when you are tired or under the influence of alcohol, drugs or intoxicating medication.

2. INTRODUCTION

Detects energy emission in the infrared spectrum and converts into a display of temperature. Features a laser pointer, data hold and auto power off. Temperature is displayed on an LCD back lit display for use in low light areas. Temperature can be shown in either °C or °F. Pocket sized design allows the thermometer to be on hand when needed by the user. Powered by a single AA battery (supplied).

3. SPECIFICATIONS

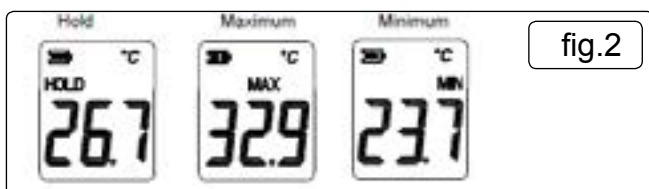
Model No:..... VS909
 Focal ratio:..... 9:1
 Temperature Range: -33°C to 500°C
 -27°F to 932°F
 Accuracy: +/-2.0%



4. OPERATION

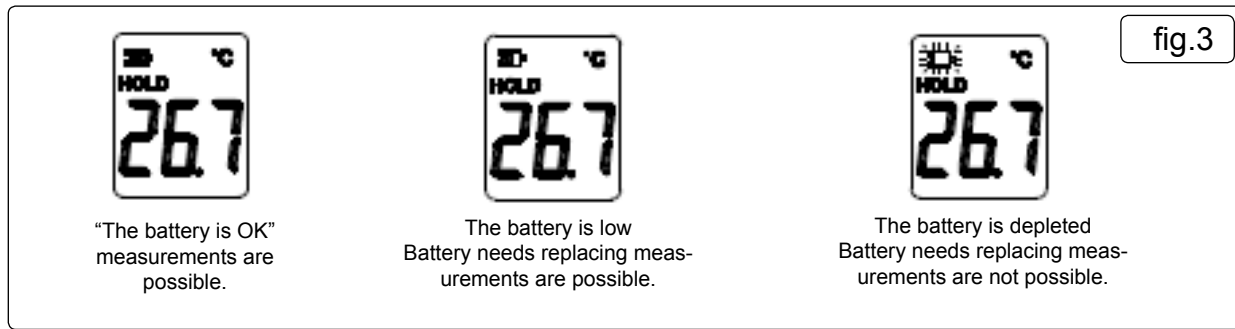
4.1. Temperature Measurement.

- 4.1.1. Press the button located below the digital display to switch on and take temperature measurement.
- 4.1.2. Release the button to show the last reading and see the last Maximum and Minimum readings every 2 seconds. (fig.2)



4.2. Battery Replacement

4.2.1. The display indicates low battery.(fig.3)

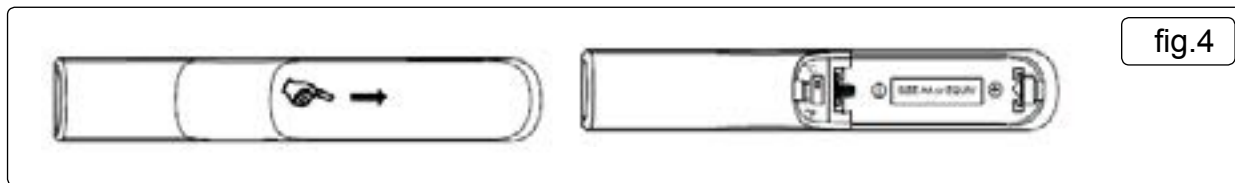


4.2.2. When the battery indicator displays low battery, the battery should be replaced with an AA battery.

4.2.3. Slide the battery cover off. (fig.4)

4.2.4. Remove the old battery, and replace with a new one.

4.2.5. Replace cover.



4.3. °C/°F Selection Switch

4.3.1. Remove battery cover and use a pen to move the scale switch. (fig.4)

4.4. LCD Error Messages

4.4.1. "Hi" or "Lo" is displayed when the temperature being measured is outside the range of the instrument.

4.4.2. "Er1" is displayed when the ambient temperature of the thermometer is below -10°C or above 50°C. In both the cases the thermometer should be allowed time to stabilize to room temperature 0°C to 40°C.

4.4.3. "Er2" is displayed when the thermometer is exposed to rapid changes in the ambient temperature.

4.4.4. For all other error messages it is necessary to reset the thermometer. To reset the thermometer turn off, remove the battery, wait a minimum of 1 minute then replace the battery and turn on.

5. MAINTAINANCE

5.1. Keep the reflecting mirrors and lens clean. If mirrors and lens appear dirty use a damp cotton swab to wipe clean. Make sure lens is dry before use. The thermometer is not water proof, **Do Not** submerge in water.

5.2. Store in a dry, childproof area.



Environmental Protection

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain off any fluids (if applicable) into approved containers and dispose of the product and the fluids according to local regulations.



WEEE Regulations

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.



Battery Removal

To remove battery see section 4.2

Under the Waste Batteries and Accumulators Regulations 2009, Jack Sealey Ltd are required to inform potential purchasers of products containing batteries (as defined within these regulations), that they are registered with Valpak's registered compliance scheme. Jack Sealey Ltd's Batteries Producer Registration Number (BPRN) is BPRN00705.

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 this product.

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



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