



INSTRUCTIONS FOR

VIDEO BORESCOPE Ø8MM PROBE

MODEL NO: **VS8199**

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.



Refer to instructions

1. SAFETY

- ✓ Always perform automotive testing in a safe environment.
- ✓ Keep your work area clean and well lit.
- ✓ Keep clothing, hair, hands, tools, test equipment, etc. away from all moving or hot engine parts.
- ✓ Operate the tool in a well-ventilated work area.
- ✗ **DO NOT** operate the tool in explosive atmospheres, such as in the presence of flammable liquids, gases, or heavy dust.
- ✗ **DO NOT** use the tool around corrosive chemicals which can damage the tool.
- ✗ **DO NOT** abuse the flexible cable. Never use the flexible cable to carry the tool.
- ✗ **DO NOT** drop the borescope, it is not shock proof.
- ✓ Keep bystanders and children away while operating the tool.
- ✓ Keep the tool dry, clean, free from oil, water and grease. Use a small amount of mild detergent on a clean cloth to clean the outside of the tool when necessary and store in a dry, childproof area.
- ✓ Turn the borescope off when not in use.
- ✓ Remove the batteries when cleaning the unit or before storing the unit for a long period of time.
- ✓ When necessary replace all four batteries. Use only the size and type of battery specified.

2. INTRODUCTION

Fitted with a 60mm screen and includes controls for light intensity, contrast, mirror flip function (to reverse image when using a 45° mirror) and image rotation. Features waterproof probe pod with IP67 rating and supplied with AV-out cable. Powered by 4xAA batteries (supplied).

3. SPECIFICATION

Model No.....	VS8199
Camera Ø	8mm
Field of Vision	48°
Pod Length.....	46mm
Camera Probe Length.....	980mm
Adjustable Light Control	Yes
Screen Size.....	60mm
Screen Resolution.....	640x480
Mirror Flip/Rotate Function.....	Yes
AV Out.....	Yes
Accessories.....	45° Mirror, Magnetic Pick-Up, Hookx2, AV Cable
Power Source	4xAA (supplied)

4. OPERATION

- 4.1. Install Batteries.**
- 4.1.1. Remove battery cover from back of borescope.
 - 4.1.2. Insert 4xAA batteries into battery compartment.
 - 4.1.3. Ensure they are positioned with the correct orientation as shown inside the compartment.
 - 4.1.4. Replace the battery cover.

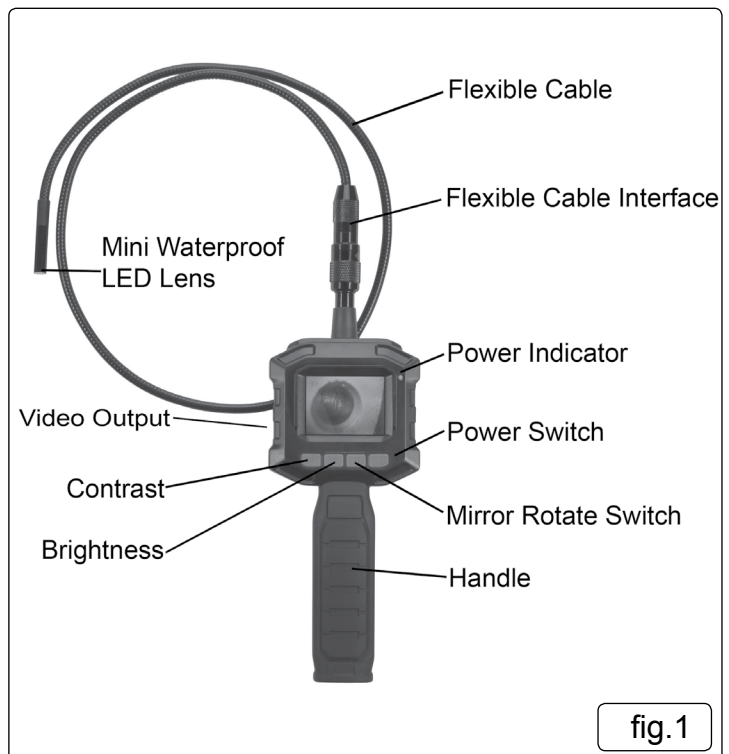


fig.1

- 4.2. **Attach Flexible Cable to Borescope (fig.2).**
- 4.2.1. To connect the flexible tube camera with control handle, make sure that the keyed end of the tube is aligned with the slot in the handle.
- 4.2.2. Push the ends together until aligned.
- 4.2.3. Twist the threaded knob clockwise until the connection is securely in place.
- 4.3. **Install Accessories.**
- 4.3.1. The accessories (mirror, hooks, and magnet) are attached by positioning the hook in hole indicated by arrow on lens housing (fig.3).
- 4.3.2. Slide on outer sleeve (fig.4) to hold accessory in place.
- 4.3.3. The accessories can be used to retrieve small items like rings or screws.
- 4.4. **Switch on Camera.**
- 4.4.1. Press and hold the power switch (fig.1) for about 3 seconds to turn on the camera, the power indicator will illuminate and the LCD will become viewable.
- 4.4.2. When in use, the flexible cable can be bent into various positions to get into awkward areas.
- * **DO NOT** use excessive force.
- 4.4.3. Press the power switch to switch off.
- 4.5. **Mirror Image**
- 4.5.1. In real-time monitoring mode. The mirror image can be adjusted by pressing the Mirror rotate switch (fig.1).
- 4.5.2. The images available are shown in (fig.5)

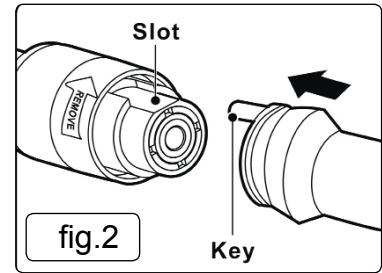


fig.2

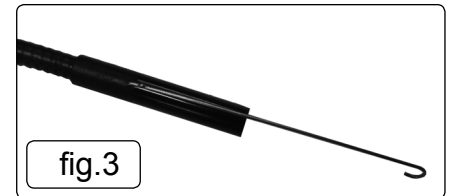


fig.3

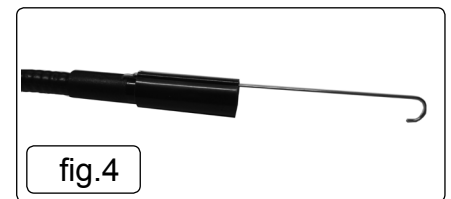


fig.4

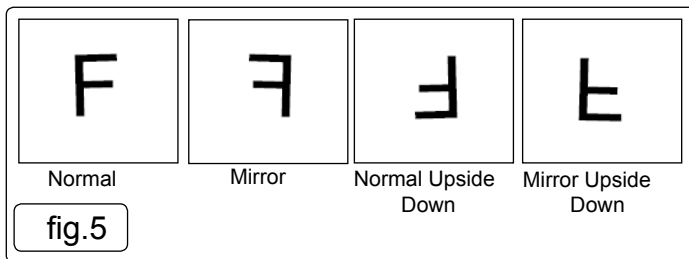


fig.5

- 4.6. **LED Brightness Control.**
- 4.6.1. The 8 levels of LED brightness can be adjusted by pressing the brightness button. Levels are shown as a horizontal bar on the display.
- 4.7. **LCD Contrast Control.**
- 4.7.1. The 8 levels of LCD contrast can be adjusted by pressing the contrast button. Levels are shown as a vertical bar on the display.
- 4.8. **Battery Charge indicator.**
- 4.8.1. This is displayed on the top left corner of the screen.

Parts support is available for this product. To obtain a parts listing and/or diagram, please log on to www.sealey.co.uk, email sales@sealey.co.uk or telephone 01284 757500.



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

See section 4.1

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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