

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. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

1. SAFETY INSTRUCTIONS

- WARNING!** Ensure Health and Safety, local authority and general workshop practice regulations are adhered to when using the bore scope.
- ✓ Maintain the bore scope in a good and clean condition for best and safest performance.
- ✓ Ensure that a vehicle which has been jacked up is adequately supported with axle stands.
- ✓ A full range of personal safety equipment is available from your Sealey dealer.
- ✓ Wear suitable clothing to avoid snagging. Do not wear jewellery and tie back long hair.
- ✓ Account for all tools and parts being used and do not leave any in, or near, the engine.
- ✓ Be alert to your surrounding environment while using the bore scope.
- x **DO NOT** use the bore scope if it is damaged.
- x **DO NOT** point the Distal Tip towards the sun or any bright light source, as permanent eye damage may occur.
- x **DO NOT** bend the bore scope shaft tighter than a 75mm radius.
- x **DO NOT** use the bore scope close to moving parts such as gears, fan blades or moving belts.
- x **DO NOT** expose the bore scope housing to water or other liquids.
- x **DO NOT** insert the bore scope shaft into locations where the temperature is likely to be greater than 70°C.

2. INTRODUCTION

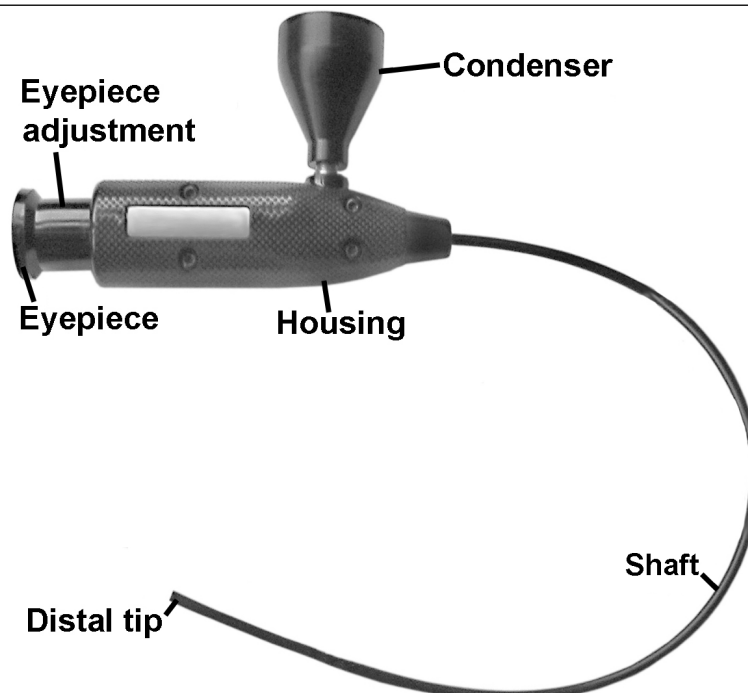
Suitable for internal inspection of cylinder bores, engine components and other machinery/industrial applications. Flexible Ø4.3 x 600mm shaft can be bent to shape to fit through small apertures and around obstacles. Adjustable eyepiece allows user to tailor optics to suit their vision. Supplied in a carrying case. Subject illumination is provided by a Luxeon LED torch (supplied).

3. SPECIFICATION

Shaft Length:600mm
 Probe Diameter:4.3mm
 Light Source (supplied):1W Luxeon (LED002)

LED002 Batteries (supplied):3 x AAA
 Minimum Bending Radius:75mm
 Mirror Accessory:VS8191M

Fig.1



4. OPERATION

- ❑ **WARNING!** Be careful when inserting or removing the bore scope shaft into, and out of, the equipment under inspection. Before and after use, check the bore scope for tears and abrasions. Check the bore scope for smooth eyepiece rotation.
- 4.1. If additional lighting is required, attach the supplied condenser to the housing, secure with the thumb screw, then push fit the LED002 torch firmly into the condenser (see Fig.3).
- 4.2. Note the location of the object to be inspected and determine the best route to it. Bend the bore scope shaft to follow the route, ensuring that the shaft is not bent tighter than a 75mm radius. Take care not to use the bore scope near any moving parts.
- 4.3. Adjust the eyepiece as necessary to suit the user's vision.
- 4.4. An optional mirror (VS8191M) can be used and is fitted to the distal tip.

5. MAINTENANCE

LIGHTING

- 5.1. The LED002 torch is equipped with an integrated, solid-state Luxeon lamp. This is designed to be maintenance-free for the life of the torch.
- 5.2. The nitril O-ring inside the condenser holds the torch in, this will need a thin film of silicon grease applied to it occasionally.

CLEANING AND STORAGE

- 5.3. Wipe the bore scope tip, shaft and housing with a clean, soft cloth to remove residue and moisture.
- 5.4. If required, clean the bore scope tip and shaft with a cloth damped with a mild soap detergent and then dry.
- 5.5. Gently clean the Distal Tip lens and eyepiece with a lens cleaner such as isopropyl alcohol, applied with a cotton bud.
- 5.6. **Important: The bore scope MUST be completely dry prior to returning it to the storage case.**

Fig.2



LED002 Torch

Fig.3



Declaration of Conformity We, the sole importer into the UK, declare that the product listed here is in conformity with the following standards and directives. The construction file for this product is held by the Manufacturer and may be inspected, by a national authority, upon request to Jack Sealey Ltd.

Bore Scope

Model No: VS8191
89/336/EEC EMC Directive
93/68/EEC Marking Directive



Signed by Tim Thompson



14th December 2006

For Jack Sealey Ltd. Sole importer into the UK of Sealey Power Products.

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.

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



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