

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

- X **DO NOT** use the bore scope if dropped and/or damaged
- X **DO NOT** operate near live electrical wires.
- X **DO NOT** operate near moving parts such as pulleys, motors, gears or fans etc.
- X **DO NOT** bend the bore scope shaft tighter than 2.5 inch radius (5 inch diameter).
- X **DO NOT** expose the bore scope housing to water or other liquids.
- X **DO NOT** insert the bore scope shaft into locations whose temperature is greater than 45°C.
- ✓ Maintain the bore scope in good and clean condition for best and safest performance.
- ✓ 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.

Note the location of the object to be inspected and determine a route to it. Bend the bore scope shaft to follow the route.

2. INTRODUCTION

Suitable for internal inspection of cylinder bores, engine components and other machinery/industrial applications. Colour video camera is mounted on flexible 900mm shaft which can be bent to shape to fit through small apertures and around obstacles. Subject illumination is provided by two LEDs, which are controlled by the on/off switch, and an LCD screen carries the image. Includes tip mounting mirror and magnet attachments. Supplied in carry-case.

3. SPECIFICATION

Shaft Length	900mm
Minimum Bend Radius	65mm
Probe Diameter	11mm
Viewing Angle	55°
Viewing Distance	>10mm
Resolution.	320 x 240 pixels
Screen60mm LCD Colour
Batteries	4 x AA

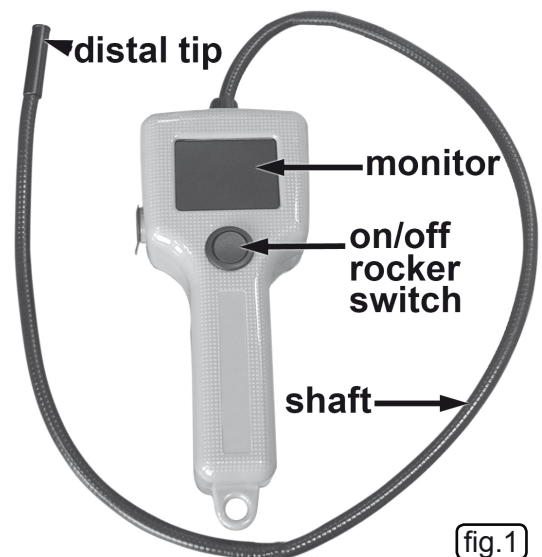


fig.1

4. OPERATING INSTRUCTIONS

- X **DO NOT** use excessive force to insert or retrieve shaft from the equipment or areas under inspection.
- X **DO NOT** use the distal tip to push against objects or to clear a path. This instrument is for remote viewing only.
- X **DO NOT** bend any part of the shaft tighter than a 2.5 inch radius (5 inch diameter).
- X **DO NOT** insert the scope shaft and tip into locations where the temperature is greater than 113 deg F (45 deg C).
- X **DO NOT** vibrate, bang, or drop your scope. It is not shock resistant.

4.1 Operation

- 4.1.1 Hold the unit by the housing and toggle the rocker switch down (fig.1). This turns the distal camera, lighting, and monitor on.
- 4.1.2 Manipulate the shaft (fig.1) toward the area under investigation while viewing the monitor. The shaft can be manoeuvred and manipulated into more complex paths.

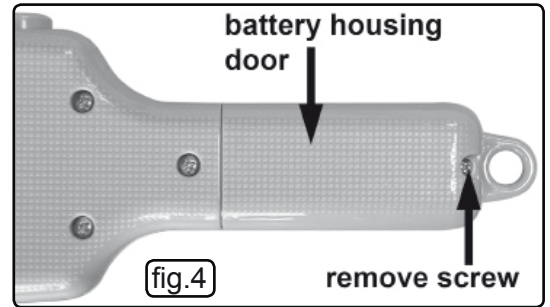
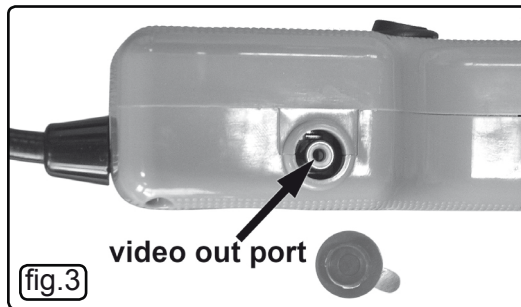
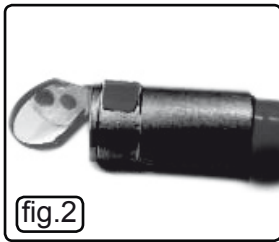
4.2 Mirror and Magnet Accessories

- 4.2.1 To attach accessories, clip the end of the accessory onto the end of the distal tip (fig.2) and press into place. Rotate the mirror for best view.

4.3 Video Out Port

- 4.3.1 The bore scope provides an external NTSC video signal via an RCA phono jack (fig.3). This signal can be utilized by a compatible monitor or recording device.

- WARNING!** Mirror and magnet accessories may detach if snagged or bumped abruptly.
- WARNING!** The handheld monitor unit is not water resistant. The shaft and distal tip are water resistant.



5. MAINTENANCE

5.1 Battery Replacement

- 5.1.1 Remove the battery housing door screw with a Phillips screwdriver and remove the battery door (fig.4).
- 5.1.2 Tilt the battery pack from the bottom of the bore scope housing and remove it.
- 5.1.3 Remove the batteries and replace with new AA cells, ensure correct polarity - see markings on battery pack.
- 5.1.4 Relocate the battery pack in the bore scope housing.
- 5.1.5 Replace the battery housing door using a Phillips screwdriver.

5.2 Cleaning and Storage

- 5.2.1 Wipe the bore scope tip, shaft and housing with a clean, soft cloth to remove residue and moisture.
- 5.2.2 Wash the bore scope tip and shaft with a cleaning liquid and rinse with water, then dry.
- 5.2.3 Gently clean the Distal Tip lens and eyepiece with a lens cleaner such as isopropyl alcohol and a cotton bud.

X DO NOT submerge the bore scope in water - the bore scope monitor is not water resistant.

NOTE: The bore scope MUST be completely dry prior to returning it to the storage case.

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 phone 01284 757500.

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 latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.



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