

ProVision Fibrescope

Internal Inspection Tool

"The Ultimate Inspection Tool inspects impossible to Reach Places"

Introducing **ProVision**, the revolutionary new tool that allows you to see into inaccessible places. Based on innovative new fibre-optic technology, the flexible cable fits into small holes - allowing you to look behind walls, down into drains, inside engines or hundreds of other places without costly demolition or disassembly! Units are now available in lengths from 450 to 1830 mm and in two diameters – 6 and 10 mm.

Designed for close-up, focusing in tight places, the high-resolution lens provides a clear image of objects as close as 20 mm away while providing a wide, 40 degree field-of-view. A powerful lamp illuminates dark crevices on demand with the push of a button conveniently located on the handle.

The ergonomically designed handle is comfortable to hold and allows one-handed focusing and light activation.

Features and Benefits:

- Close-up focusing - objects as close to the lens as 20 mm will appear clearly
- Ergonomically designed, non - slip handle fits comfortably in one hand
- One - handed operation - focusing and light activation can be achieved one handed, freeing the other hand to work
- Integrated focus ring for smooth, continuous focusing
- Pressure activated light switch is conveniently located but cannot be accidentally left "on"
- Flexible, omni-directional cable bends in every direction to allow precise viewing
- Sealed lens and cable are submersible for under water use
- Powerful lamp illuminates dark locations for clear viewing
- Uses standard 2 x AA replacement batteries
- Durable carrying and storage case



How does ProVision Work?

The remarkable **ProVision** flexible fibre-optic scope is made possible by the use of thousands of tightly packed plastic fibres aligned coherently - both ends are positioned exactly the same relative to each other. This coherent bundle of fibres transfers high quality images from a fixed object to a focusable eyepiece assembly. When activated, a light source in the handle travels via a continuous light guide down the cable to the tip of the scope to illuminate the viewing area. Although the cable is filled with fibres, it can be bent repeatedly to a radius of 200 mm without damage.

Operation

Grip handle with one hand and manoeuvre cable into position with the other while looking through the eyepiece. Rotate focus ring until image appears clear. For dark areas, activate light by pressing and holding down light activation button on top of handle

Batteries

ProVision uses two (2) AA batteries. To install batteries, lift the cover at the shaft end of the ProVision to reveal the battery compartment. Batteries must be inserted with both contacts facing the same direction. Snap the compartment closed.

Precautions

- **Avoid over bending the shaft.** (Over- bending will void the Warranty)
- **Do not open the handle for any reason.** There are no user serviceable parts in the handle. Batteries and the light bulb are accessible via the cover on the shaft end of the handle. (Opening the handle will void the Warranty)
- Do not submerge the handle in any liquid
- Do not immerse the shaft in any solvent for extended periods
- Do not use in explosive environments
- Do not use in the proximity of live electric circuits
- Not intended for Medical or Veterinary use
- Storage and Operating Temperatures - -10 to 50 deg C



Warranty

The product warranty of one year excludes damage caused by misuse, accidents or modifications of the product. Warranty is void if the user opens the handle for any reason.



BAMR (Pty) Ltd, PO Box 23973, Claremont, 7735, South Africa
 Ph : 27 (0)21 683 2100, Fax : 27 (0)21 674 1485
 Email : sales@bamr.co.za, Web : www.bamr.co.za