



Solutions for Remote Visual Assessment

## **Series 20 – Rigid Endoscopes**

### Handling

Endoscopes are precision instruments that require careful handling and care. Before starting to use the endoscopes, please read the following instructions.

### Operation

Connect a suitable light source to the input connector on the main body of the endoscope. This may be a small LED hand held light source, or a bench-top mains powered source. The input is industry standard and most light sources and light guide cable arrangements can be used. If you are not sure about which light source is most suitable for you, please contact RVA Synergies for assistance.

The endoscope is now ready for use. The focus can be individually adjusted to suit the eye of the operator. The range in which clear, sharp images can be achieved is from 0.5mm to infinity. The endoscope may now be introduced into the workpiece.

Always take care when inserting the tube when making forward viewing inspections so that the lens is not damaged by 'stubbing' into the workpiece.

### Care of your endoscope

External parts of the endoscope may be cleaned with a suitable cleaning fluid such as Isopropyl Alcohol. The lens can be carefully wiped clean using commercially available lens cleaner or the supplied solution to dampen a cotton bud. To remove dust particles, use a lens blower brush.

### Repairs

If the endoscope image becomes blurry or unclear, there may be a defect. If the endoscope is not fully useable, please return it to RVA Synergies for assessment.

