



Rigid Endoscope Solutions

Service and Repair | Supply | Light Leads



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If you have any questions about the issues raised in this booklet, please contact your Surgical Holdings representative for more information on +44 (0)1702 602050

This booklet has been compiled to help theatres and sterile services manage and care for optics products in a cost effective way, to ensure your patient receives the highest level of care and surgery.

Surgical Holdings' repair workshop is based in Southend on Sea, close to London and 5 minutes from Southend Airport. We are accredited to ISO 13485.







We understand that breakages can be expensive and cause frustrating delays.

This guide will provide some useful solutions to help best manage these fragile and valuable products, and help prevent unnecessary expenditure.

Endoscope Repair

All major brands of rigid endoscope can be repaired at Surgical Holdings workshop in Southend-on-Sea. Using the latest optical technology, Surgical Holdings' highly skilled and experienced technicians will return scopes to the manufacturer's original specification. All parts are brand new and have full traceability.



-  **18 month guarantee on the repair**
-  **OEM optical specification followed where possible**
-  **Personal collection and delivery**
-  **Laser welding for sheaths**



ISO 13485 accredited

As recommended by MHRA*Advice around Endoscope Storage and Care



Free educational visits to our scope workshop

Come and see how we do it

*MHRA 'Managing Medical Devices - April 2016

**Surgical Holdings also repair and refurbish general instruments.
For more information see page 10.**



Eye piece broken down



Lens system on a rail

Endoscope Re-fibre

Surgical Holdings manufacture their own fibre bundles in house. We cover small and larger diameter scopes and only use high quality German fibre optic material and stainless steel tubing.

Quality components, globally sourced:

- ✓ Medical grade stainless steel tubing
- ✓ German engineered new glass fibre
- ✓ New fibre cone as standard
- ✓ New solderable sapphire distal window
- ✓ New light post colour ring
- ✓ New objective in 95% of cases
- ✓ Replacement 'O' ring to prevent leakage



Before repair



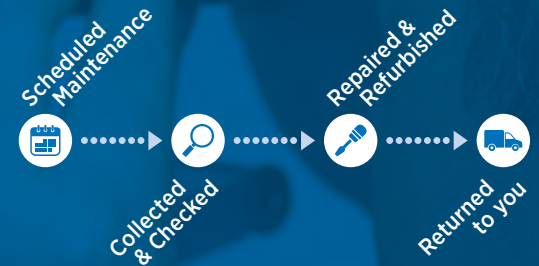
After repair

Managed Service

5

Proactive Management of Endoscopes

Surgical Holdings can set up and manage a 'check and repair' service for rigid endoscopes. This ensures scopes are regularly checked, refurbished, repaired and maintained to a high standard. We will catalogue your scopes and create a maintenance schedule for you.



Light Leads

The Surgical Holdings light guide leads are compatible with all major scopes and illuminators. Every light lead is high temperature xenon compatible, rated to the highest level of thermal resistance and tested to ensure the highest light output possible.

Choice of **10 colours** for easy identification

Choice of **lengths and sheathing types**

Free on-site light lead testing
We'll come and go through your lead stock to ensure your leads are fit for use

Reinforced for longer life

1 YEAR MANUFACTURER'S WARRANTY



Baskets and Trays

Fixate and organise scopes and accessories to reduce breakages

Traditional instrument trays are jumbled and breakages can occur during transportation and processing. Our trays ensure scopes, light leads and accessories are fixated to ensure they remain secure, and cleaning can be optimised.

Baskets themselves are wiremesh, which allows water and chemicals to reach the equipment.

Strips of silicone type material and supportive bars can be used to hold items in place and enable effective cleaning.



Custom baskets are manufactured in house to your specification



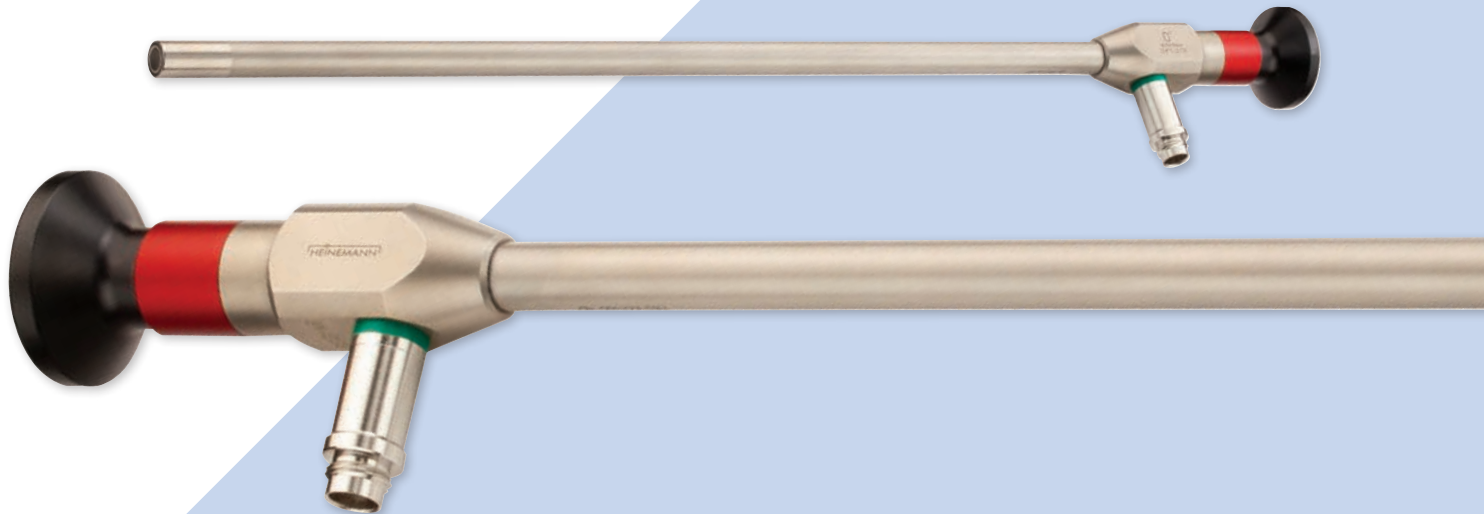
New Endoscopes

High quality range of Rigid Endoscopes manufactured in Germany.

- ✓ Fully compatible with all major manufacturers
- ✓ Wide choice of scopes available in various lengths and diameters
- ✓ Covering all popular areas including Laparoscopic, ENT, Arthroscopy, Hysteroscopy, Cystoscopy and Urology Scopes
- ✓ Available in High Definition and 4K for amazing clarity during surgery
- ✓ Complimenting Laparoscopic Instrument Range available through Surgical Holdings



AVAILABLE FOR
FAST DELIVERY



Surgical Holdings Can Also Repair and Refurbish General Instruments

Independent research¹ showed that instruments refurbished by Surgical Holdings had a 4 x reduction in the amount of residual protein.

The smooth and polished surface has an increased cleaning efficacy, and all repairs come with up to a 5 years warranty. Standard turnaround times are 1 week, and an express 2 day service available for urgent instrumentation.



Before
Refurbishment

After
Refurbishment

Refurbishing
instruments
can save up to **80%**

of the cost of buying new, with compelling evidence to demonstrate effectiveness

References: ¹ Data available on file.

Instrument Sales

-  Surgical Holdings Instruments
-  Symmetry Surgical
-  Hermann Laparoscopic
-  Bissinger Bipolar
-  Light Leads
-  Din Baskets & Containers
-  Sterile Packed K-Wires
-  Custom Made Instruments

Refurbish & Repair

-  Surgical Instruments
-  Laparoscopic Instrumentation
-  Electrosurgery Devices
-  Rigid Endoscopes



Laser and Bar Coding Service
Instrument Care Training

 symmetry™
BOOKWALTER™



Questions about the issues raised in this booklet?
Contact your Surgical Holdings representative



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