

SCHREIBER[®] INSTRUMENTE **Content**

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Validity

These instructions of use are valid for all Endoscopes , sold by SCHREIBER GmbH.

Certificate of Compliance

Manufacturer's name and address:

SCHREIBER GmbH

Chirurgische Instrumente[®]

Unterer Damm 15

D-78567 Fridingen

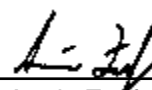
Product name:

Reusable endoscopes risc class IIa in accordance to the valid catalogue and pricelist.

The SCHREIBER GmbH confirms herewith in sole responsibility, that the above mentioned products comply with the requirements according to annex II section 3 of the council directive 93/42/EEC. These products are permitted to carry the CE 0483 -mark

We have established a certified quality management system according to DIN/EN/ISO 13485:2003

Signature



Armin Zepf
Quality Manager

With purchasing this SCHREIBER Endoscope you have made a decision in favour of a high quality instrument. To guarantee its proper function and safety for a long time, the following points should be observed carefully.

Purpose

lightening interiors with light in the visible spectroscopic range. Endoscopes are high sensitive precision instruments and should be handled with a maximum of care in all sections.

Inspection

It is very important to examine each instrument for breaks, cracks or malfunctions before use, carefully. Please take special care on cracks or sharp bends. Do not use damaged instruments. Faulty Instruments should be separated. Do not attempt to make repairs yourself. Refer questions about repair to the manufacturer. Repair by third parties voids guarantee and CE marking.

First use

All SCHREIBER instruments are delivered in non-sterile condition and must be cleaned and sterilized before use. Only endoscopes with the imprint "AU-TOCLAV" can be sterilized. Make sure, that the endoscope and equipment is in efficient condition. Connect the endoscope to the light source by using the required adaptors and cables. Switch on the light source.

Safety Instructions

-Consider, that light is an energy source, that can heat up components of the endoscope. The duration of use is limited by the light source. During operation the temperature of the instrument should not exceed 41°C, because temperatures over this limit can cause damages to patients tissue.

- Improper use may cause infections and lead to harms of patients and instruments. Make yourself familiar with the instrument and its functions.

-Mechanical loads, bending of the instrument and dropping must be avoided at any price.

All surgical endoscopes should be treated with the maximum care while transportation, cleaning, sterilisation and storing. Avoid contact with aggressive material. This may cause rust and malfunction, even destroy-

ing. Mechanical load, bending, falling down or holding at the distal end often leads to distruction of the endoscope. Improper use, repair by third parties and modifications void guarantee and CE-Marking.

Cleaning and Care

The optics must be cleaned before the first use and immediately after each operation. We recommend the use of special commercial endoscope detergents. All SCHREIBER endoscopes can be dropped completely into liquids. Follow the manufacturer's instructions of the cleaner, concerning concentration and duration. Hard brushes or abrasive cleaners must not be used. Dirty lenses can be cleaned with cotton wool dipped in alcohol. Ultrasonic cleaning is not recommended. Demineralized water is recommended for rinsing. Make sure that endoscopes with stopcocks are cleaned in open condition.

Mechanical cleaning should be proceeded exactly to the manufacturers indications. Make sure, that the procedure is permitted for endoscopes.

Sterilization

Before thermic sterilization, the lenses of your Endoscope should be cleaned with alcohol. Endoscopes must be absolutely clean before sterilization, because the success of the sterilizing process depends on the cleanness of the instrument. As the most careful sterilization method we recommend gas-sterilization. The minimum ventilation time for the used medium must be observed. Sterilization in hot air or flash autoclave is not possible, because fittings and non-metal parts can be destroyed.

Endoscopes labled with "autoclave" (and only those) can also be sterilized in a suitable steam autoclave with 2.2 bar and 134°C for 5 minutes.

Please make sure, that the lenses of the endoscopes do not have direct contact to metallic parts, because the transferred heat can destroy the material and leads to leaks.

ATTENTION:

The period for cooling down must not be shortened, because too fast cooling damages the optical components of the endoscope.

Storing

endoscopes should be stored in dry and clean environment without direct solar irradiation. Do not store instruments in other containers than stainless steel or aluminium. We recommend to lay down all instruments in their individual packing or in protective trays. Protect tips with cloth, gauze or tubes, while keeping the instruments in drawers.

Compatibility

SCHREIBER Endoscopes can be connected to all common light sources by use of the required adaptors. During the connection to other devices as light sources, cameras, cables, monitors, hf- and laser devices, the safety instructions of the concerned manufacturer must be followed. It is not allowed to adapt devices, that are not indicated for medical use explicitly. SCHREIBER Endoscopes do not have any protection for laser or hf-applications.

Guaranty

We give 1 year guaranty on all new endoscopes for material and manufacturing faults. We supply repaired instruments with 6 months guaranty. Improper use, modifications or repair by third parties voids guarantee and CE marking. Manufacturers inscriptions must not be removed.

Troubleshooting

SCHREIBER Endoscopes can be repaired by experts only. Please return blind, turbid or deformed Endoscopes to the manufacturer. Imcompetent maintenance may raise the costs for repair.

Literature:

"Proper maintenance of Instruments" 6th edition, copyright by "Working Group Instrument Preparation" (©). For further information regarding cleaning and sterilization please visit: www.a-k-i.org

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