



PROFESSIONAL MEDICAL PRODUCTS

Gima S.p.A. - Via Marconi, 1 - 20060 Gessate (MI) - Italy

Italia: tel 199 400 401 - fax 199 400 403 - gima@gimaitaly.com

Export: phone + 39 02 953854209/221/225 - fax + 39 02 95380056 - export@gimaitaly.com - [www.gimaitaly.com](http://www.gimaitaly.com)

## SIGMOIDOSCOPE – INSTRUCTIONS FOR USE

READ THESE INSTRUCTIONS CAREFULLY BEFORE USING THE SIGMOIDOSCOPE AND KEEP THEM IN A SAFE PLACE FOR FUTURE REFERENCE.



### **Attention**

The operator/user must carefully read and understand this manual thoroughly to keep the product performance durable and reliable for longer period. After opening the packaging, first of all it is necessary to check all the components against the standard configuration. Check that they are all present and in perfect conditions.

### **Indications for use**

Sigmoidoscope is an instrument primarily used for examination and treatment of the anal passage. The sigmoidoscope is available in five different sizes.

### **Feature**

These sigmoidoscopes have anular F/O illumination hence the anal passage is evenly illuminated for easier examination.

These sigmoidoscope can be powered either with a powerful 120 watt Halogen light source, or by a more compact and economical 6.0 volt lamp handle. These sigmoidoscopes are made from 18/8 type stainless

steel making them rust proof and most stable under cleaning and disinfection process.

### **Cautions**

Sigmoidoscope must be inserted with obturator, securely locked. The cone of the obturator and the tube must be lubricated with suitable lubricant before use.

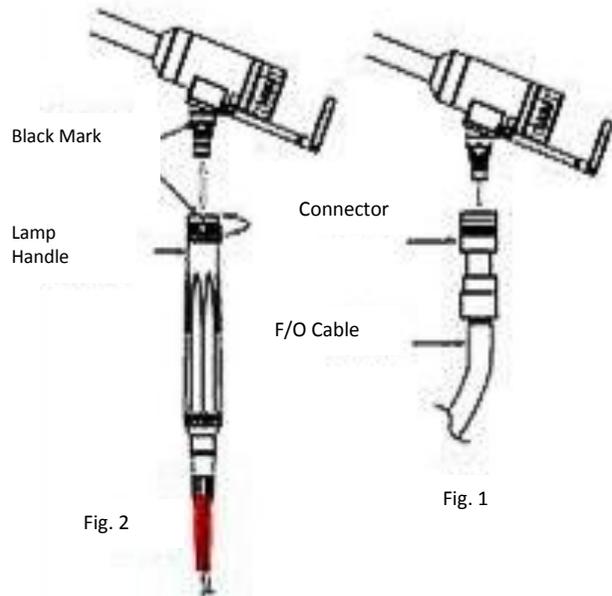
### **Usage**

Check that all parts are correctly attached before usage. All sigmoidoscopes are supplied with ACMI and Wolf connection. A STORZ connector is also supplied in the package, allowing multiple connect ability options.

Attach a F/O cable to a light source and then attach the coupling adaptor to the proximal end of the adaptor on this sigmoidoscope as shown in fig. 1.

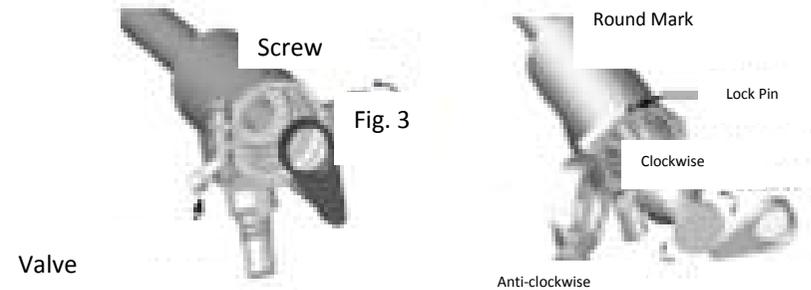
If a light source is not available, a lamp handle with a direct main adaptor and a 6.0 volt halogen lamp can be used as shown in fig. 2. An add-on type F/O handle can also be used with the F/O cable which can then act as the handle for these sigmoidoscope.

Align the black mark on the handle with a similar mark on the sigmoidoscope to achieve proper locking. The handle is locked onto the sigmoidoscope by twisting the knob towards right. For unlocking, twisting the knob towards left and pull down the handle.



Loosen the sealing screw and open the window, insert the obturator in the sigmoidoscope by aligning the top of the sigmoidoscope chamber, if required, connect an insufflation bulb to sigmoidoscope head. Lock the obturator by turning the head clockwise & anti-clockwise as shown in fig. 3. Apply a lubricant to the cone and insert in anal passage way. Unlock the obturator by aligning the pin and round mark again and pull out the obturator. Now the instrument is ready for use. Turn on the light to light up on the passage and perform examination and treatment. The plain glass window can be opened and closed at any time. The instrument can be made airtight by gently tightening the

screw. If magnification of the object is required, insert the loupe into one of the holes provide. Both swivel to allow the window to be opened or closed.



### **IMPORTANT**

Window can be used as a protection against any unwanted material falling inside the sigmoidoscope. So if the examination is not being conducted and the sigmoidoscope is still inserted, it is highly recommended to close the window.

### **Care and maintenance of obturator:**

#### **Cleaning**

Clean immediately after use to prevent the drying-on of residues. We recommend washing with a soft brush and soapy or plain water. If machine washing or chemical cleaners are used, the manufacturer's instructions regarding duration and concentration must be followed. No ultrasonic cleaning. After cleaning, rinse thoroughly with demineralised water and dry at 65°C max.



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### **Disinfection**

We recommend soaking in disinfectant or thermochemical disinfection at up to 65°C in a washer sterilizer. Adhere strictly to manufacturer's instructions regarding concentration and duration. After disinfection, rinse with sterile water and wipe dry with a sterile cloth.

### **Sterilization**

After cleaning the components can be gas-sterilized with ethylene oxide at up to 65°C. Autoclaving can be used occasionally, but repeated autoclaving will reduce light transmission and life expectancy of the optical fibers. Flash autoclaving and hot air sterilization are not recommend.

### **Warranty**

The product has 1 year warranty.



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