EXERA PLEURAVIDEOSCOPE

OLYMPUS LTF TYPE 160

Medical thoracoscopy under local anesthesia is now easier than ever.

Autoclavable

Biopsy-capable

Bendable-tip
With its slim design and wide channel, the autoclavable LTF-160 from Olympus is today’s choice for medical thoracoscopy

With the incidence of respiratory disease on the rise worldwide, thoroscopes are becoming an indispensable part of every physician’s toolkit. The Olympus LTF-160 has been specially designed to simplify and streamline medical thoracoscopy under local anesthesia with a slim, flexible design that allows you to quickly perform procedures. Unlike rigid scopes, the LTF-160 requires only a single puncture. And unlike fiber-scopes, the LTF-160 makes it easy for you to keep your orientation inside the pleural cavity. This handy scope is also autoclavable so you’ll be able to perform percutaneous procedures with confidence.

Outstanding image quality

With the LTF-160, you’ll always benefit from Olympus’s signature sharpness and clarity when viewing the inside of the pleural cavity. Images are picked up by a high-resolution CCD in the scope tip so they can be displayed on your monitor in a big, easy-to-view screen that’s larger than the round screen used with rigid scope images.

EVIS EXERA Series and downward compatibility

While the LTF-160 has been especially designed to capitalize on the advanced capabilities of the EVIS EXERA 160 Series system, you can still use this scope with the EVIS EXERA 140 Series, as well as with the older EVIS 160 and 140 Series. When connected to the EVIS EXERA 160 Series CV-160 processor, the CV-160 xScope function front stores individual scope information and displays it on the monitor.

Versatile insertion tube design

To facilitate transthoracic insertion under local anesthesia, the insertion tube of the LTF-160 measures only 7 mm in diameter, yet its slim design still offers a powerful range of capabilities including 150° upward/130° downward, two-way angulation capability and a 2.8-mm diameter channel. This makes it possible to perform a sequence of procedures with a single scope — including observing and biopsying the pleural space. And a single puncture in the patient’s chest is all you’ll need to perform all these procedures.
**EVIS EXERA PLEURAVIDEOSCOPE**

**OLYMPUS LTF TYPE 160**

### Control section with superb maneuverability

The control section of the LTF-160 features the same innovative design as the EVIS EXERA BF-160 Series bronchoscopes. Fitting snugly in the palm of your hand, the ergonomic control section offers you the kind of ease and operability that has made our BF-160 Series scopes so popular. The control section also features four moment switches to let you operate connected ancillary equipment without taking your hands off the control.

### Long universal cord

To maintain the necessary clean area perimeter, the LTF-160 is provided with a long 2.3-meter universal cord for connection to the processor.

### Compatible with electro Surgical and laser treatments

The LTF-160 can be used in conjunction with various electro surgical or laser procedures.

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**Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>LTF-160</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dial End Outer Diameter</td>
<td>7.2mm</td>
</tr>
<tr>
<td>Inverted Tube Outer Diameter</td>
<td>7.2mm</td>
</tr>
<tr>
<td>Field of View</td>
<td>180°</td>
</tr>
<tr>
<td>Depth of Field</td>
<td>3-10mm</td>
</tr>
<tr>
<td>Angulation Range</td>
<td>LIP10° ~ 20° R/L 130°</td>
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<tr>
<td>Working Length</td>
<td>270mm</td>
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<tr>
<td>Total Length</td>
<td>1520mm</td>
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<tr>
<td>Channeller Diameter</td>
<td>2.8mm</td>
</tr>
<tr>
<td>High-Frequency Compatibility</td>
<td>YES</td>
</tr>
<tr>
<td>Laser Compatibility</td>
<td>YAG, Nd:YAG, etc.</td>
</tr>
</tbody>
</table>

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**Autoclavable design**

For easy, quick, and cost-effective sterilization, the LTF-160 is autoclavable. To protect electrical connections, a dedicated waterproof cap is provided. Since this technique involves inserting the scope perpendicularly, autoclavability ensures maximum reliability.
Standard Accessories

MAJ-1058 Flexible Trocar (8-mm inner diameter)

Designed for use with the LTF-160, the MAJ-1058 is made of advanced materials that provide just the right combination of flexibility and stiffness. The LTF-160's insertion tube slides in the trocar's lumen so smoothly that it even reduces stimulation to the intestines. The MAJ-1058 also protects the bending section of the scope. A sterile, disposable design adds convenience.

FB-55CR-1 Dedicated Biopsy Forceps

The V-toothed alligator jaws of the FB-55CR-1 allow collection of a large tissue specimen. A needle between the jaws prevents the forceps from slipping from the target site while the exclusive SwingJay mechanism facilitates accurate targeting. As a result, the FB-55CR-1 is ideal for accessing a biopsy target from an oblique direction.

Optional Accessories

Olympus's versatile lineup of Endo-Therapy accessories offer a wide variety of choices to meet your requirements.

PW-SC-1 Spray Catheter

Used when spraying dye or other solutions inside the abdominal cavity. The solution is turned into very fine sprays.

CD-SC-1 Electrosurgical Coagulator

Offers outstanding hemostatic performance.

Olympus Optical Co., Ltd.

www.olympus.com

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