



The LERUT Video Mediastinoscope

with fully digital
IMAGE 1™ camera system

LERUT Video Mediastinoscope

Mediastinoscopy is accepted worldwide as the procedure of choice for staging lung cancer.

In conjunction with KARL STORZ, a mediastinoscope was designed which can create a video recording of a mediastinoscopy. As the instrument channel of the mediastinoscope remains unchanged, surgical intervention can still be performed under direct visual control.

The in-built telescope also facilitates coupling of a video camera and creating a video recording during the procedure.

Standard mediastinoscopy is, due to the narrow working channel, very difficult to teach. As simultaneous recording and display on a monitor is possible, several people can view the operation at the same time. This greatly improves the facility for teaching this procedure.

Widespread use of video recordings internationally could lead to a better understanding and standardization of the procedure.

Prof. Dr. T. LERUT,
Leuven, Belgium



Fig. 1: Anterior surface of the trachea with tracheal rings, left tracheobronchial lymph nodes in situ



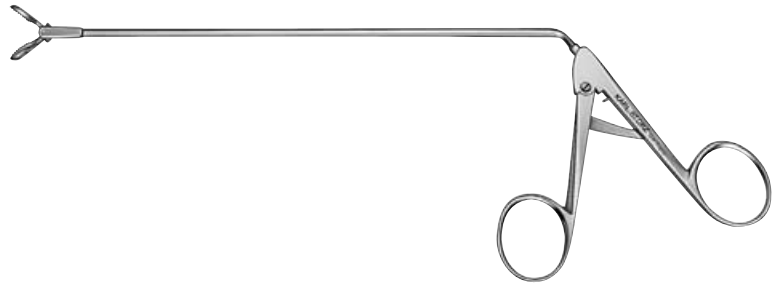
Fig. 2: Pretracheal lymph nodes – right paratracheal lymph nodes prior to removal



Fig. 3: Pretracheal and paratracheal lymph nodes after removal (Fig. 2); view of the front surface of the trachea and the superior vena cava



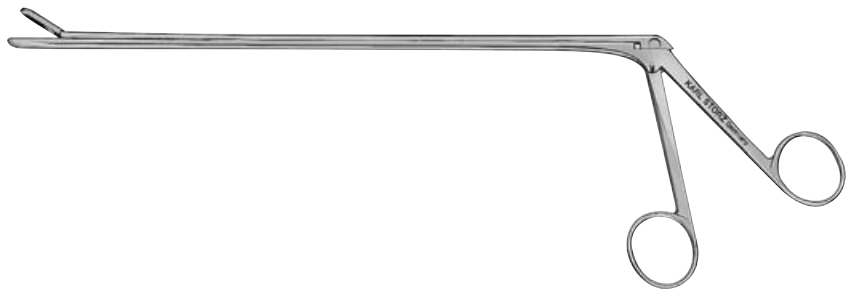
- 10971 MV **LERUT Video Mediastinoscope**, length 15 cm,
for use with DCI® **HOPKINS**® Forward-Oblique Telescope 30° and
Image 1™ DCI® camera head
or
- 10971 MVS **Same**, but with uninterrupted side slit channel
- 10970 BA **DCI® HOPKINS**® **Forward-Oblique Telescope 30°**,
diameter 4 mm, length 14 cm, **autoclavable**,
fiber optic light transmission incorporated,
with 90° adaptation to the DCI® Video Camera
- 495 DC **Fiber Optic Light Cable**, diameter 3.5 mm, length 300 cm,
for use with KARL STORZ Endovision DCI® Camera Head **22260 31-3**
and **222601 31-3**
- 222600 31-3** **IMAGE 1™ Single-Chip DCI® Camera Head**, color system **PAL**
- 222601 31-3** **IMAGE 1™ Single-Chip DCI® Camera Head**, color system **NTSC**
- 222000 11U102** **IMAGE 1™ Camera Control Unit (CCU)**, with integrated SDI Module,
integrated SCB Module, and integrated Image Processing Module,
color system **PAL/NTSC**
power supply: 100–240 VAC, 50/60 Hz
consisting of:
- | | |
|----------------------|--|
| 222000 20-102 | IMAGE 1™ Camera Control Unit |
| 400 A | Mains Cord |
| 400 B | Mains Cord , US-Version |
| 536 MK | 3 BNC Connecting Cables , length 180 cm |
| 547 S | S-VHS (Y/C) Connecting Cable , length 180 cm |
| 202032 70 | Special RGB Connecting Cable |
| 202210 70 | 2 Connecting Cables for connecting video printers or recorders |
| 200901 70 | SCB Connecting Cable , length 100 cm |
| 202001 30U | Keyboard with US character set |



10970 M MAASSEN **Sponge and Dissecting Forceps**, length 20 cm



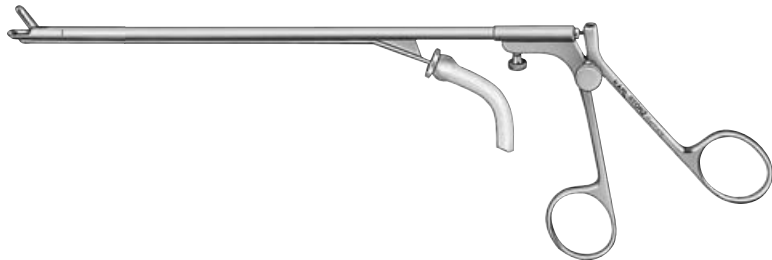
10970 ML MAASSEN **Sponge and Dissecting Forceps**, length 30 cm



10970 GO **Biopsy Forceps** with oval jaws, size 8 mm x 16 mm, working length 20 cm, for removal of lymph nodes



10970 GOL **Biopsy Forceps** with oval jaws, size 8 mm x 16 mm, working length 30 cm, for removal of lymph nodes



10970 H **Biopsy Forceps** with suction channel, length 20 cm



10970 HL **Biopsy Forceps** with suction channel, length 30 cm



34255 MB

CLICKline MANHES **Biopsy Forceps**, rotating, with connector pin for unipolar coagulation, single action jaws, size 5 mm, length 25 cm
consisting of:

33125

Metal Handle, insulated, without ratchet

33250

Outer Tube, insulated

34250 MB

Forceps Insert

Since the forceps insert is rotatable, biopsies can be taken more precisely without having to rotate the forceps by turning the wrist.

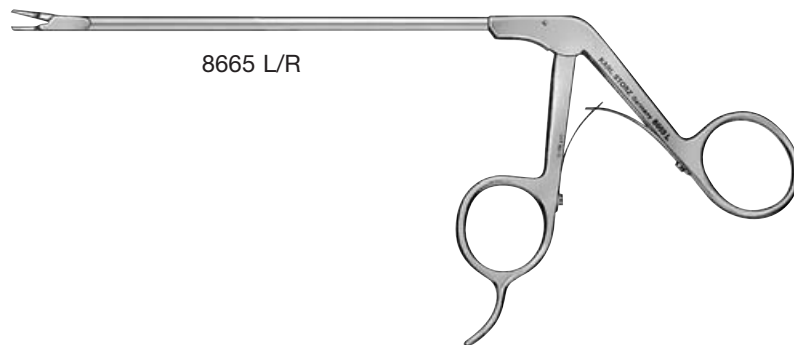


10970 EN

Suction Tube, insulated, with connector for unipolar coagulation, length 20 cm

10970 ENL

Suction Tube, insulated, with connector for unipolar coagulation, length 30 cm



8665 L

LARYNGOFORCE® II Clip Forceps, jaws curved to left,
working length 22 cm, for use with clips 8665 T

12067 NL

Same, working length 30 cm



8665 R

LARYNGOFORCE® II Clip Forceps, jaws curved to right,
working length 22 cm, for use with Clips 8665 T

12067

Same, working length 30 cm

8665 T

Clip, titanium LT 200, medium, sterile, 5 mm,
package of 36 cartridges with 6 clips each,
for use with forceps 8665 L/R, 12067 NL/NR

I am interested in

- LERUT Video Mediastinoscope
- Operating Instruments for Mediastinoscopes

Please ask your sales representative to **contact** me.

- I am also interested in the **KARL STORZ AIDA™** product family for **digital documentation.**

My address:

| | |
|-------------------------------|------------------------------------|
| Name, Title | City, State, ZIP, Country |
| Hospital, Department | Phone |
| Street | Signature |

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Eight reasons why you should choose KARL STORZ

1. Stable, family-owned company with more than 60 years devoted to endoscopy.
2. Unparalleled depth and breadth of product line with product representation in all minimally invasive surgery markets.
3. Commitment to quality, cost-effective, reusable instrumentation.
4. Genuine **HOPKINS**[®] rod lens technology.
5. An inventory of over 180 rigid telescopes including a full representation of autoclavable telescopes.
6. Vertical integration. We design, engineer and manufacture what we sell.
7. We service what we design, engineer, manufacture and sell.
8. A committed, company employed salesforce.

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EndoGram