Alternative – Universal
Extended video mediastinoscopy
with distending, narrow blades
Extended video mediastinoscopy with distending, tapered blade system

By creating visibility and space, video mediastinoscopy allows the precise display and dissection of mediastinal structures and is therefore valuable for lymph node staging. Mediastinal staging as well as extended or complex endoscopic interventions, including video-assisted mediastinoscopic lymphadenectomy (VAMLA), can be performed with the aid of a distending video mediastinoscope system.

KARL STORZ offers an atraumatic, easy-to-use, compact blade system with a holding arm device and an integrated irrigation and suction channel for this purpose. Two adjustment wheels in the handle allow distal distension of the blades and height adjustment in parallel. Combined with a matching HOPKINS® wide angle telescope, this autoclavable blade system provides the operating surgeon with an optimal overview of the working area. In conjunction with a holding arm with KSLOCK, bimanual work is also possible.

The corresponding DCI® camera head IMAGE1 S™ D1 is operated via the modular KARL STORZ IMAGE1 S™ camera platform. Consequently, the system is likely to experience a renaissance in the coming years.

We also offer instruments and other accessories that are compatible with the system.
Components of the KARL STORZ video mediastinoscopy system for extended mediastinoscopy

Monitor
27" FULL HD Monitor

Camera System
IMAGE1 S CONNECT®

Camera Control Unit for One-Chip Camera Heads
IMAGE1 S™ X-LINK

Camera Head
IMAGE1 S™ D1

Wide Angle Forward-Oblique Telescope
DCI® HOPKINS® Wide Angle Forward-Oblique Telescope 30°

Distending Video Mediastinoscope with Slender Blades
LINDER/HÜRTGEN Distending DCI® Video Mediastinoscope

Cold Light Fountain
POWER LED 175

Light Cable
DCI® Fiber Optic Light Cable

Instrumentation, Holding Systems and Accessories
Turning the large adjustment wheel radially opens the spatula blades, ensuring easy access to regions that were previously difficult or impossible to access.

Using the small adjustment wheel opens the spatula blades vertically, creating additional space.

The narrow blades facilitate access to the mediastinum.
The system is compact and balanced due to the KARL STORZ IMAGE1 S™ D1 camera head that is integrated in the handle. We recommend the use of IMAGE1 S™ D1 camera head covers from mtp as sterile covers.

Greater field of view thanks to the wide-angle telescope. The distal ends of the blades are visible to provide a better overview.

Two separate channels with Luer-Lock connector for irrigation of the telescope lens and evacuation of any smoke arising during coagulation provide and maintain visibility.
**Basic Set for Extended Video Mediastinoscopy**

**LINDER/HÜRTGEN Distending DCI® Video Mediastinoscope**

10972SPS  
**LINDER/HÜRTGEN DCI® Distending Video Mediastinoscope**, length 22 cm, **narrow blades**, distension in vertical and radial direction, with connection on holding system via KSLOCK, for use with DCI® HOPKINS® Telescopes 10972BA/BWA and DCI® camera head.

10972BWA  
**DCI® HOPKINS® Wide Angle Forward-Oblique Telescope 30°**, diameter 4 mm, length 16 cm, **autoclavable**, with 90° adaptation to the DCI® camera head, fiber optic light transmission incorporated, for use with LINDER/HÜRTGEN DCI® Distending Video Mediastinoscope 10972SPS, color code: red.
Units and Accessories

**TC200EN***

**IMAGE1 S CONNECT®,** connect module, for use with up to 3 link modules, resolution 1920 x 1080 pixels, with integrated KARL STORZ-SCB and digital Image Processing Module, power supply 100-120 VAC/200-240 VAC, 50/60 Hz

including:

- **Mains Cord**, length 300 cm
- **DVI-D Connecting Cable**, length 300 cm
- **SCB Connecting Cable**, length 100 cm
- **USB Flash Drive**, 32 GB
- **USB Silicone Keyboard**, with touchpad, EN

**TC301**

**IMAGE1 S™ X-LINK,** link module, for use with flexible videoendoscopes and one-chip camera heads (up to FULL HD), power supply 100-120 VAC/200-240 VAC, 50/60 Hz, for use with **IMAGE1 S CONNECT®**

including:

- **Mains Cord**, length 300 cm
- **Link Cable**, length 20 cm

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* Also available in the following languages: DE, ES, FR, IT, PT, RU, SE
TH115

**IMAGE1 S™ D1 One-Chip DCI® Camera Head,**
S-Technologies available, 50 Hz, soakable, gas- and plasma-sterilizable, fixed focus, focal length f = 16 mm, 2 freely programmable camera head buttons, for use with DCI® HOPKINS® telescopes and IMAGE1 S™ (X-LINK)

041171-40*

**Camera Cover,** width at camera head 6 cm, length 309 cm, sterile, for single use, package of 40, for use with DCI® camera heads for KARL STORZ Distending Video Mediastinoscopes 10972SP and 10972SPS as well as Video Mediastinoscopes 10971MV and 10971MVS

20161401-1

**Cold Light Fountain POWER LED 175 SCB,** with integrated KARL STORZ-SCB, high-performance LED and one KARL STORZ light outlet, power supply 100-240 VAC, 50/60 Hz including:
- Mains Cord
- SCB Connecting Cable

495DC

**DCI® Fiber Optic Light Cable,** with straight connector, diameter 3.5 mm, length 320 cm, for use with DCI® Camera Heads 20262030, 20262130, 22260031-3 and 22260131-3

* mtp
**WD250EN**

**AIDA®,** documentation system for recording still images and videos, dual channel up to FULL HD, 2D/3D, including SMARTSCREEN® (touch screen), power supply 100-240 VAC, 50/60 Hz

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**39219XF**

**Instrument Rack,** with one irrigation block (standard version) for cleaning, sterilization and storage of up to 15 LARYNGOFIT or 15 SINUFIT instrument attachments and 6 handles, external dimensions (w x d x h): 480 x 250 x 160 mm

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**39753A2**

**Sterilization Container,** with MicroStop® microbiological barrier, for sterilization and sterile storage, external dimensions (w x d x h): 600 x 300 x 210 mm, inner dimensions (w x d x h): 548 x 267 x 186 mm

including:
- Container Bottom
- Container Lid
- Microbiological Barrier (MicroStop®)

* Also available in the following languages: DE, ES, FR, IT, PT, RU
Coagulation Suction Cannulas

10971EN  Coagulation Suction Cannula, insulated, with connector pin for unipolar coagulation, angled handle, diameter 5 mm, length 20 cm

10971ENL  Same, length 30 cm

10972EN  Coagulation Suction Cannula, curved distally, insulated, with connector pin for unipolar coagulation, angled handle, diameter 5 mm, length 20 cm

10972ENL  Same, length 30 cm
**CLICKLINE METZENBAUM Scissors**

![Image of CLICKLINE METZENBAUM Scissors]

33151MK **CLICKLINE METZENBAUM Scissors**, rotating, dismantling, insulated, with connector pin for unipolar coagulation, with Luer-Lock irrigation connector for cleaning, double action jaws, curved, size 5 mm, length 25 cm including:
- Plastic Handle, without ratchet, with large contact area at the finger ring
- Metal Outer Sheath, insulated
- Scissors Insert

**CLICKLINE Biopsy Forceps**

![Image of CLICKLINE Biopsy Forceps]

34151MB **CLICKLINE Biopsy Forceps**, rotating, dismantling, insulated, with connector pin for unipolar coagulation, single action jaws, size 5 mm, length 25 cm including:
- Plastic Handle, without ratchet, with large contact area at the finger ring
- Metal Outer Sheath, insulated
- Forceps Insert
**MediaFIT® Instruments for Mediastinoscopy**

The modular concept of the MEDIAFIT forceps range features a compact, balanced and slim construction and allows dismantling into 3 components for optimal reprocessing.

Standardization of the product range facilitates the selection of the forceps insert on offer and gives the user a feeling of consistency. The working lengths of the working inserts have been adapted to suit the KARL STORZ range of mediastinoscopes.

<table>
<thead>
<tr>
<th>Working Insert</th>
<th>Complete Instrument</th>
</tr>
</thead>
<tbody>
<tr>
<td>10900GO</td>
<td>10971GO</td>
</tr>
<tr>
<td></td>
<td>MEDIAFIT Biopsy Forceps, oval jaws, size 8 x 16 mm, sheath diameter 5 mm, length 21 cm</td>
</tr>
<tr>
<td>10900GP</td>
<td>10971GP</td>
</tr>
<tr>
<td></td>
<td>MEDIAFIT Biopsy Forceps, oval jaws, size 6 x 12 mm, sheath diameter 5 mm, length 21 cm</td>
</tr>
<tr>
<td>10900GR</td>
<td>10971GR</td>
</tr>
<tr>
<td></td>
<td>MEDIAFIT Biopsy Forceps, spoon-shaped jaws, jaw diameter 5 mm, sheath diameter 5 mm, length 21 cm</td>
</tr>
<tr>
<td>10900M</td>
<td>10971M</td>
</tr>
<tr>
<td></td>
<td>MAASSEN MEDIAFIT Sponge and Dissecting Forceps, fenestrated, double action jaws, sheath diameter 5 mm, length 21 cm</td>
</tr>
</tbody>
</table>

Other products can be found in the THORAX catalog.
It is recommended to check the suitability of the product for the intended procedure prior to use. Please note that the described products in this medium may not be available yet in all countries due to different regulatory requirements.