



# CATALOGUE

STERILE SINGLE-USE PRODUCTS FOR MEDICAL TECHNOLOGY

## mtp stands for quality...

Fundamental to our company philosophy are progressive solutions that are both economically attractive and technically useful.

These single-use medical products can be obtained and rapidly delivered directly through mtp or via our exclusive trading partners in your own geographical area, both nationally and internationally.

Our extensive competent advice and information service on all our products and their applications is available at all times to all our customers:



**mtp medical technical promotion gmbh**

take-off GewerbePark 46 · D-78579 Neuhausen ob Eck

Tel.: +49/74 67/9 45 04-0 · Fax: +49/74 67/9 45 04-99

[www.mtp-tut.com](http://www.mtp-tut.com) · [info@mtp-tut.com](mailto:info@mtp-tut.com)

## WE OFFER YOU:

- ✚ sterile single-use products special for minimally invasive surgery and other areas of medical technology
- ✚ products of the highest quality
- ✚ dynamically growing range of products
- ✚ **approved and tested accessories exclusively for KARL STORZ**

**...in single-use!**

You can find us on the Internet at  
[www.mtp-tut.com](http://www.mtp-tut.com)  
with the following download options:

- + mtp EN ISO 13485 and EC certificates
- + mtp catalogue pages

## EXPLANATION OF ARTICLE NUMBER SYSTEM

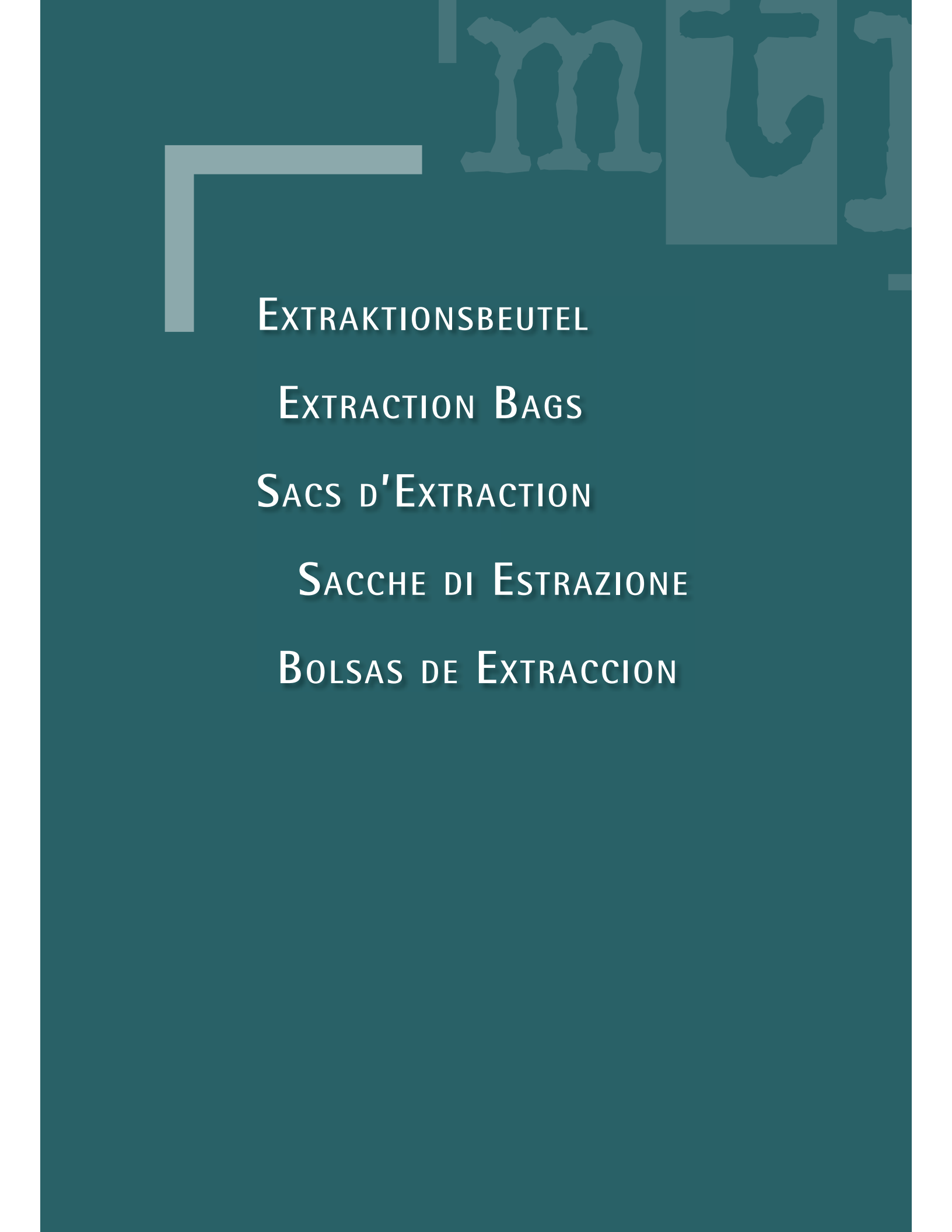
|                                             |   |                       |
|---------------------------------------------|---|-----------------------|
| 031117-10                                   | = | 10 x 031117-01        |
| packing unit<br>(here carton with 10 items) |   | single item in carton |

## EXPLANATION OF ICONS

|                                                                                     |                                                   |
|-------------------------------------------------------------------------------------|---------------------------------------------------|
|    | sterile                                           |
|  | non-sterile                                       |
|  | single-use                                        |
|  | natural rubber latex contained or present here    |
|  | contains DEHP                                     |
|  | for use in HF surgery                             |
|  | use of contrast media possible                    |
|  | visible with X-ray                                |
|  | suitable for guide wire                           |
|  | for endoscopy of the upper gastrointestinal tract |
|  | for endoscopy of the lower gastrointestinal tract |
|  | for endoscopy of the bronchi                      |

- 
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EXTRAKTIONSBEUTEL

EXTRACTION BAGS

SACS D'EXTRACTION

SACCHE DI ESTRAZIONE

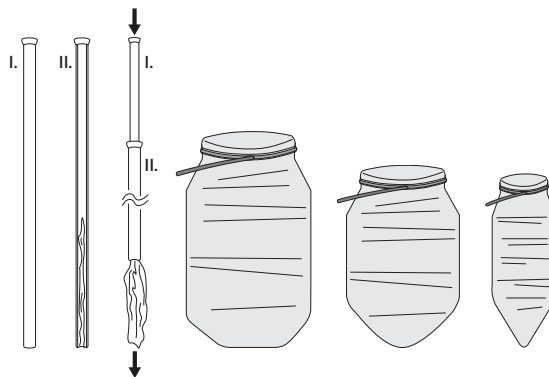
BOLSAS DE EXTRACCION



## EXTRACTION BAGS

### SINGLE-USE EXTRACTION BAGS IN TRADITIONAL DESIGN

The single-use extraction bags are intended for removal of tissue during laparoscopic procedures.



#### 040141-05

Single-use extraction bag. Opening 11 cm Ø, volume 1500 ml. For use with 10 mm trocars. Sterile, 5 per pack.



#### 040142-05

Single-use extraction bag. Opening 10 cm Ø, volume 800 ml. For use with 10 mm trocars. Sterile, 5 per pack.

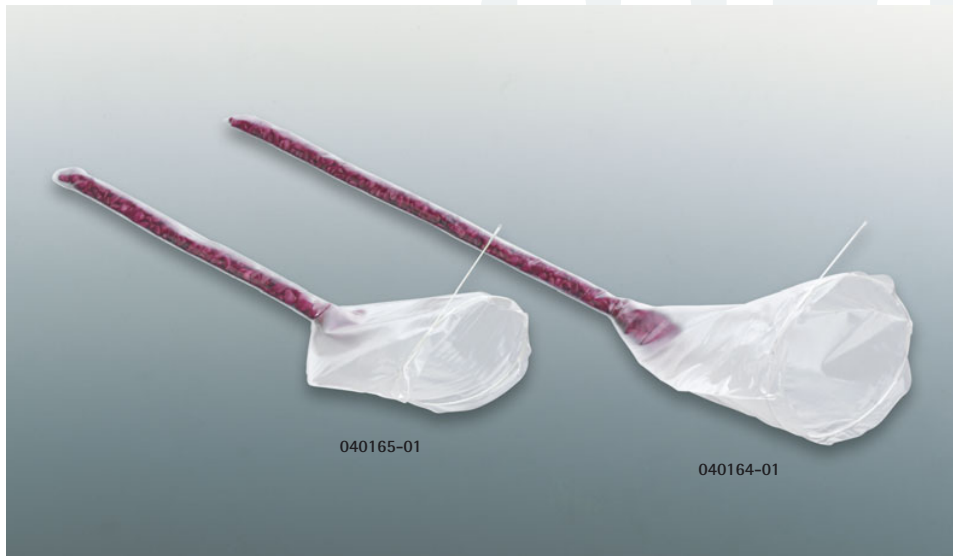


#### 040143-05

Single-use extraction bag. Opening 6 cm Ø, volume 200 ml. For use with 10 mm trocars. Sterile, 5 per pack.



- ✚ one bag prepackaged in one insertion guide ➡ easy insertion through 10 mm trocar
- ✚ simple bag insertion through pusher ➡ trocar can be used for other instruments
- ✚ self-opening extraction bag ➡ no time-consuming bag opening necessary
- ✚ tear-resistant and transparent material ➡ high levels of safety and protection from contamination
- ✚ to simplify retrieval of extraction bags, mtp recommends the KARL STORZ KÖCHLI retrieval bag extractor



## EXTRACTION BAGS

### ENDOBAG® – SINGLE-USE EXTRACTION BAGS

The mtp ENDOBAG® single-use extraction bag is intended for removal of tissue during laparoscopic procedures. It offers two functional sections: a working section and a container section. In the working section, tissue can be dissected. During retrieval, dissected tissue and fluid are then pushed into the container section. In this way, it may be possible to avoid enlargement of the incision.

#### 040164-05

mtp ENDOBAG®

Single-use extraction bag. 260 ml working volume, 62 ml filling volume. Working section opening: 10 cm Ø, length of container section: 35 cm. For use with 10 mm trocars. Sterile, 5 per pack.



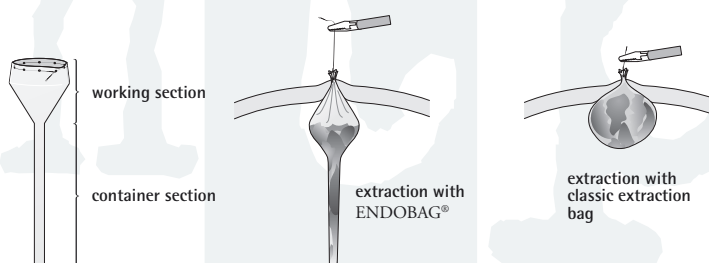
#### 040165-05

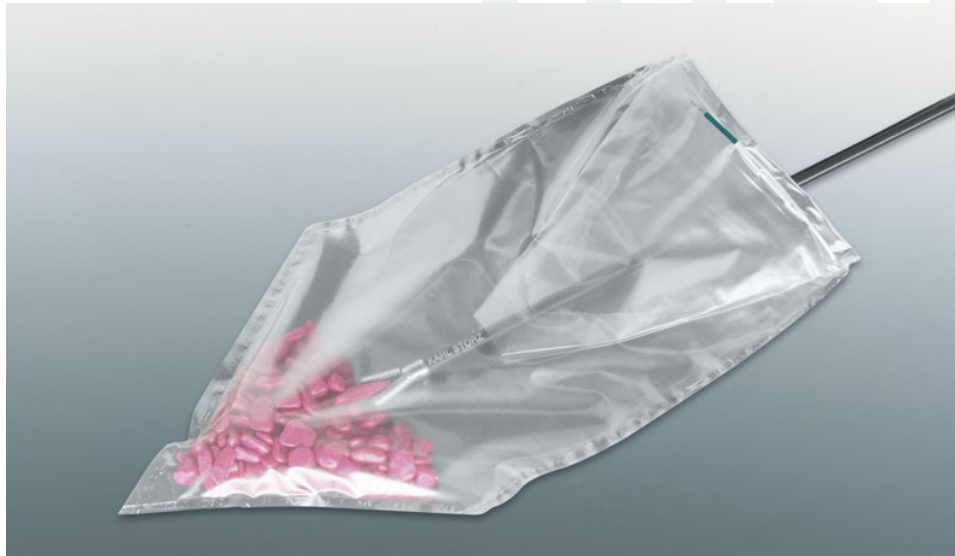
mtp ENDOBAG®

Single-use extraction bag. 200 ml working volume, 53 ml filling volume. Working section opening: 7 cm Ø, length of container section: 20 cm. For use with 10 mm trocars. Sterile, 5 per pack.



- ✚ one bag prepackaged in one insertion guide
- ✚ simple bag insertion through pusher
- ✚ self-opening ENDOBAG®
- ✚ unique patented shape
- ➡ easy insertion through 10 mm trocar
- ➡ trocar can be used for other instruments
- ➡ no time-consuming bag opening necessary
- ➡ simplified retrieval of the ENDOBAG® possible
- ➡ it may be possible to avoid enlargement of the incision
- ➡ high levels of safety and protection from contamination
- ✚ tear-resistant and transparent material





## EXTRACTION BAGS

### TRAPBAG® – EXTRACTION BAG WITH ONE-WAY CATCH PRINCIPLE

The mtp TRAPBAG® is a special extraction bag with the tried-and-tested fish trap catch principle.

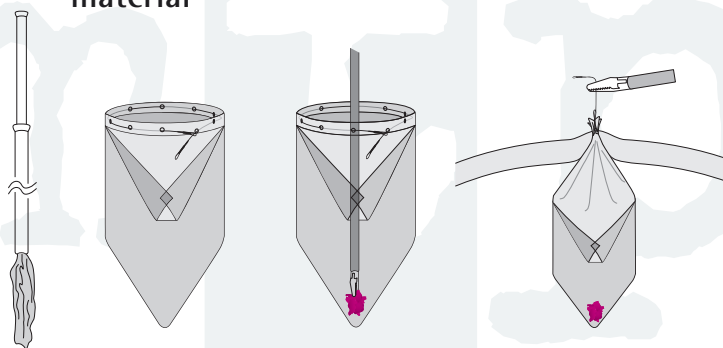
**040343-05**

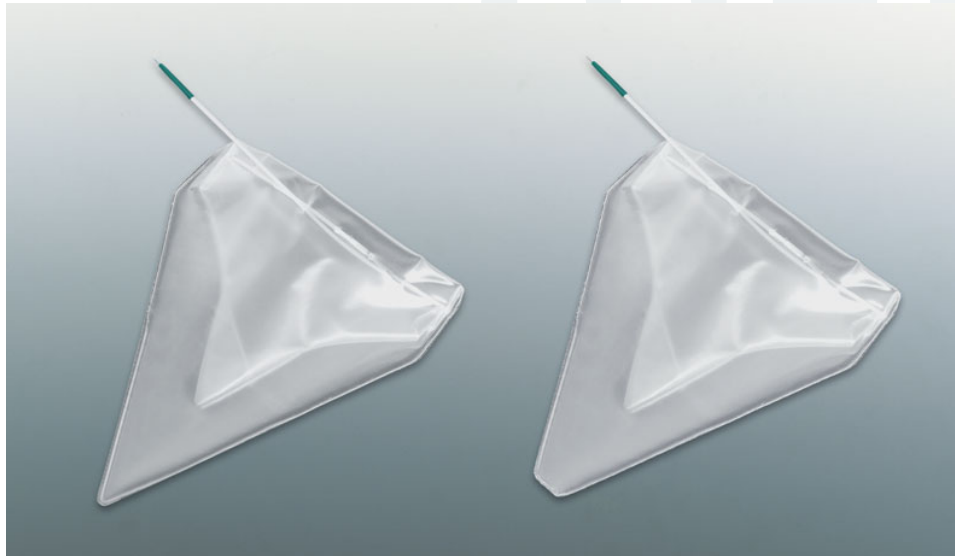
mtp TRAPBAG®

Single-use extraction bag. Opening 6 cm Ø, volume 200 ml. For use with 10 mm trocars. Sterile, 5 per pack.

STERILE 

- ✚ one bag prepackaged in one insertion guide
- ➡ easy insertion through 10 mm trocar
- ✚ simple bag insertion through pusher
- ➡ trocar can be used for other instruments
- ✚ self-opening TRAPBAG®
- ➡ no time-consuming bag opening necessary
- ✚ unique, patented fish trap seal
- ➡ leakage of fluid and tissue is reduced
- ✚ fish trap and memory wire
- ➡ high protection against contamination through double seal
- ✚ tear-resistant and transparent material
- ➡ excellent safety





## EXTRACTION BAGS

### MINITWIN TRAPBAG® – MINIATURE EXTRACTION BAGS

The mtp MiniTwin TRAPBAG®s are special extraction bags for the laparoscopic extraction of tissue samples and small foreign bodies.

**040302-05**

mtp MiniTwin TRAPBAG®

2 single-use miniature extraction bags. Opening 3 cm Ø, volume 20 ml. For use with 10 mm trocars.

Sterile, 5 per pack.



✚ two bags prepackaged in one two-tiered insertion guide

➡ separate insertion through 10 mm trocar

✚ self-opening MiniTwin TRAPBAG®s

➡ no time-consuming bag opening necessary

✚ easily distinguishable bags

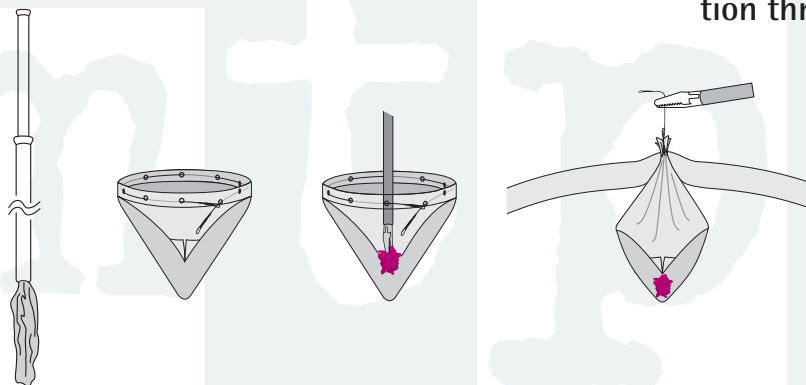
➡ tissue samples are easily identified

✚ unique, patented fish trap seal

➡ leakage of fluid and tissue is reduced

✚ fish trap and Memory wire

➡ high protection against contamination through double seal





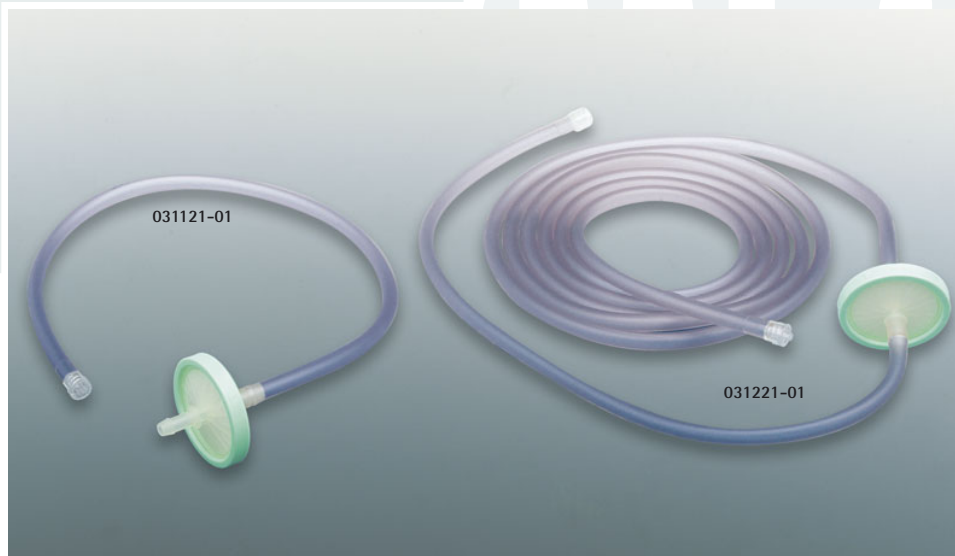
FILTER FÜR LAPAROSKOPIE

FILTERS FOR LAPAROSCOPY

FILTRES POUR LAPAROSCOPIE

FILTRI PER LAPAROSCOPIA

FILTROS PARA LAPAROSCOPIA



## FILTERS FOR LAPAROSCOPY

### GAS FILTERS FOR INSUFFLATION DEVICES WITH MAXIMUM GAS FLOW OF 10 L/MIN

The mtp gas filter 031121-01 with tube on patient side is also available as complete set 031221-01 with a total of 3 meters of insufflation tube. These gas filters can be used with all insufflation devices with a maximum gas flow of 10 l/min.

- ✚ contamination protection of patient and device
- ✚ can be connected near device or near patient
- ✚ simple, rapid and safe handling

#### 031121-10

Single-use gas filter with tube on patient side and male LUER-Lock connector, hydrophobic on both sides. For use with insufflation devices that have a maximum gas flow of 10 l/min. Approved and tested accessory for KARL STORZ ARTHROFLATOR®, CO<sub>2</sub>-ENDOFLATOR®, Electronic ENDOFLATOR®, N<sub>2</sub>O-ENDOFLATOR® and LAPAROFATOR.

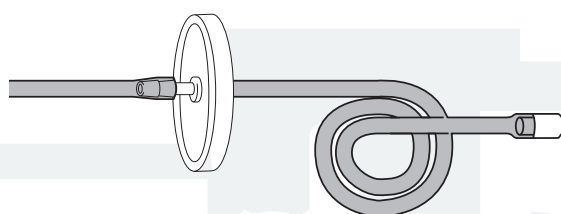
Sterile, 10 per pack.



#### 031221-10

Single-use gas filter with 2 insufflation tubes, hydrophobic on both sides. Tube connections with male and female LUER-Lock connectors, total length 3 m. For use with insufflation devices that have a maximum gas flow of 10 l/min. Approved and tested accessory for KARL STORZ ARTHROFLATOR®, CO<sub>2</sub>-ENDOFLATOR®, Electronic ENDOFLATOR®, N<sub>2</sub>O-ENDOFLATOR® and LAPAROFATOR.

Sterile, 10 per pack.



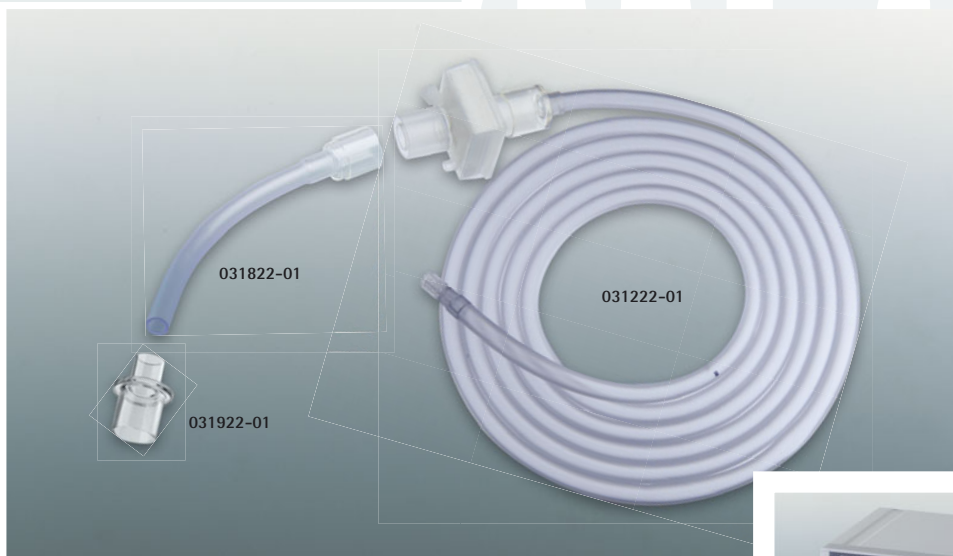
- Connection unit-side:
- Connection patient-side:
- Hydrophobicity:
- Casing material:
- Filter material:
- Filter surface:
- Filtration efficiency:

031121-01  
cone

50 cm tube with male LUER-Lock  
hydrophobic on both sides  
Polypropylene  
silicone-coated filter membrane  
14.6 cm<sup>2</sup>  
> 99.999 %

031221-01

2.5 m tube with female LUER-Lock / male LUER-Lock  
50 cm tube with male LUER-Lock  
hydrophobic on both sides  
Polypropylene  
silicone-coated filter membrane  
14.6 cm<sup>2</sup>  
> 99.999 %



## FILTERS FOR LAPAROSCOPY

# GAS FILTERS AND ACCESSORIES FOR INSUFFLATION DEVICES WITH MAXIMUM GAS FLOW OF 30 L/MIN

The mtp single-use insufflation set 031222-10 contains 10 pcs. gas filter 031222-01 with 3.20 m of insufflation tube and 1 pc. each of adaptor 031822-01 and 031922-01. In combination with adaptor 031822-01, the filter can be connected not only to insufflation devices with ISO connectors but also to standard insufflation devices with appropriate connectors. Adaptor 031922-01 is intended as a spacer between the filter and the KARL STORZ THERMOFLATOR® when using the KARL STORZ OPTITHERM® heating element.



### 031222-10 Insufflation set

Single-use gas filter with 3.20 m of insufflation tube, hydrophobic on both sides. For use with insufflation devices that have a maximum gas flow of 30 l/min. Approved and tested accessory for KARL STORZ Electronic ENDOFLATOR® and THERMOFLATOR®. Set contains: 10 pcs. 031222-01 (sterile), 1 pc. 031822-01 and 1 pc. 031922-01.



### 031822-01

Adaptor with 15 cm tube. For use with filter 031222-01 in combination with insufflation devices without ISO connector.

Non-sterile. Only available in set 031222-10.



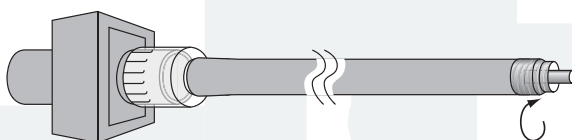
### 031922-10

Adaptor. For use with filter 031222-01, size 15M/ 22M, for KARL STORZ THERMOFLATOR® when using the OPTITHERM® heating element.

Non-sterile, 10 per pack.



## + contamination protection of patient and device



- Connection unit-side:
- Can be adapted to standard insufflation devices:
- Connection patient-side:
- Hydrophobicity:
- Casing material:
- Filter material:
- Filter surface:
- Filtration efficiency:

031222-01  
ISO connector  
031822-01

3.20 m tube with high flow male LUER-Lock  
hydrophobic on both sides  
Styrene-butadiene copolymer  
pleated glass microfiber membrane  
320 cm<sup>2</sup>  
>99.995 %





## FILTERS FOR LAPAROSCOPY

### GAS FILTER FOR KARL STORZ HAMOU® MICRO-HYSTEROFLATOR® AND FILTER TO BLOCK FLUID FOR KARL STORZ CO<sub>2</sub>-HYDROMAT®

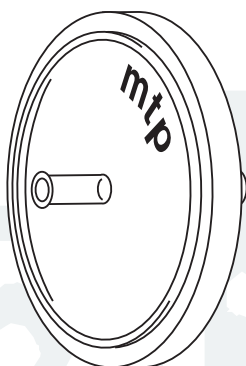
The mtp gas filter 031123-01 can be used with the KARL STORZ HAMOU® MICRO-HYSTEROFLATOR® insufflation device and the CO<sub>2</sub>-HYDROMAT® irrigation pump.

#### 031123-10

Single-use gas filter with male and female LUER-Lock connector. For use with insufflation devices that have a maximum gas flow of 1 l/min. Approved and tested accessory for KARL STORZ HAMOU® MICRO-HYSTEROFLATOR® and for fluid irrigation with CO<sub>2</sub>-HYDROMAT®. Sterile, 10 per pack.

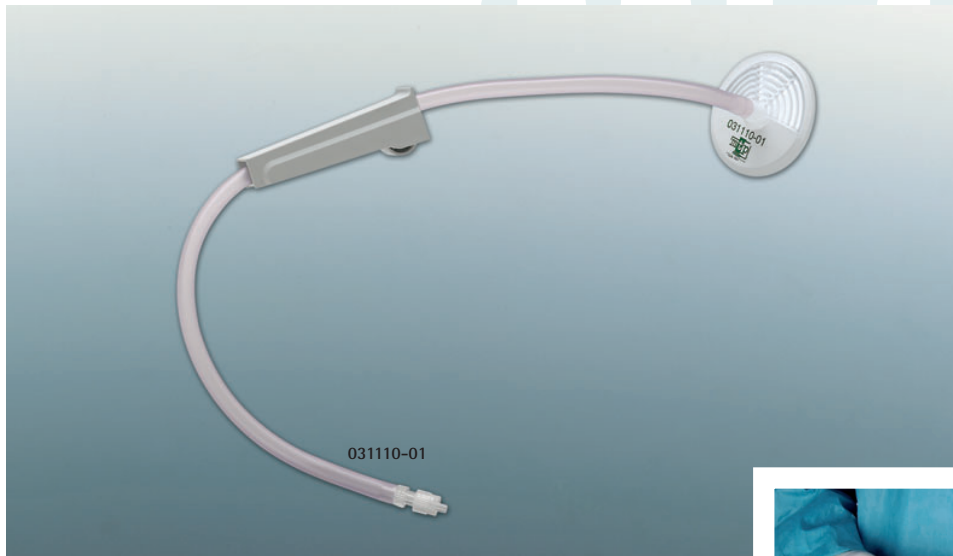
STERILE 

- +** contamination protection of patient and device
- +** simple, rapid and safe handling



- Connection unit-side:
- Connection patient-side:
- Hydrophobicity:
- Casing material:
- Filter material:
- Filter surface:
- Pore size:

female LUER-Lock  
male LUER-Lock  
hydrophobic on both sides  
Polypropylene  
PTFE  
4.2 cm<sup>2</sup>  
0.2 µm



## FILTERS FOR LAPAROSCOPY

### SMOKE EVACUATION FILTER FOR CONNECTING TO TROCAR FOR LAPAROSCOPY

For simple and constant maintenance of good visibility during laparoscopic applications that produce smoke. Harmful particles, bacteria and viruses are effectively detained.

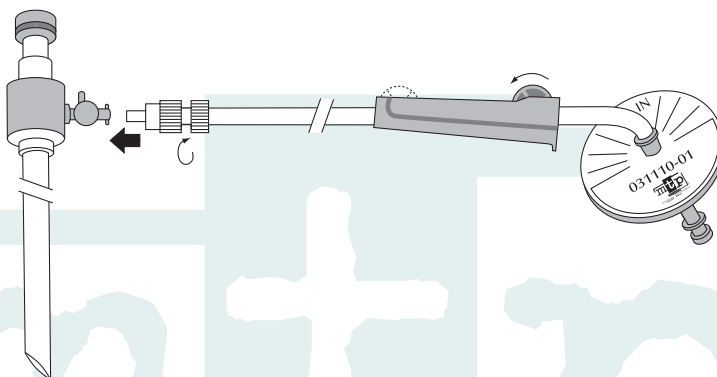
- + protection against infection
- + protection against carcinogenic particles
- + continuously adjustable desufflation flow



#### 031110-10

Single-use smoke evacuation filter set for laparoscopy. Consisting of smoke evacuation filter and 0.5m tube with male LUER-Lock. For use with trocars with LUER-Lock connector.

Sterile, 10 per pack.



- Casing material:
- Filter material:
- Flow rate:
- Filtration efficiency:

transparent Polypropylene  
ULPA/carbon (ULPA 99.999% DOP)  
up to 8 l/min at 15 mmHg,  
controllable using roller clamp  
> 99.9999 %

## FILTERS FOR LAPAROSCOPY

### INSUFFLATION TUBING SET BIFURCATED WITH GAS FILTER FOR INSUFFLATION DEVICES WITH MAXIMUM GAS FLOW OF 30 L/MIN

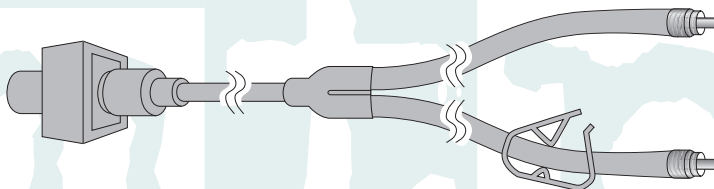
The mtp single-use insufflation tubing set bifurcated with gas filter 031622-01 features two patient-side tube connections, whereby a higher than normal gas flow can be achieved.

- +** contamination protection of patient and device
- +** two patient-side tube connections for higher than normal maximum gas flow rate of 20 l/min via the LUER-Locks
- +** use of just one tube connection by applying the tubing clamp
- +** simple, rapid and safe handling

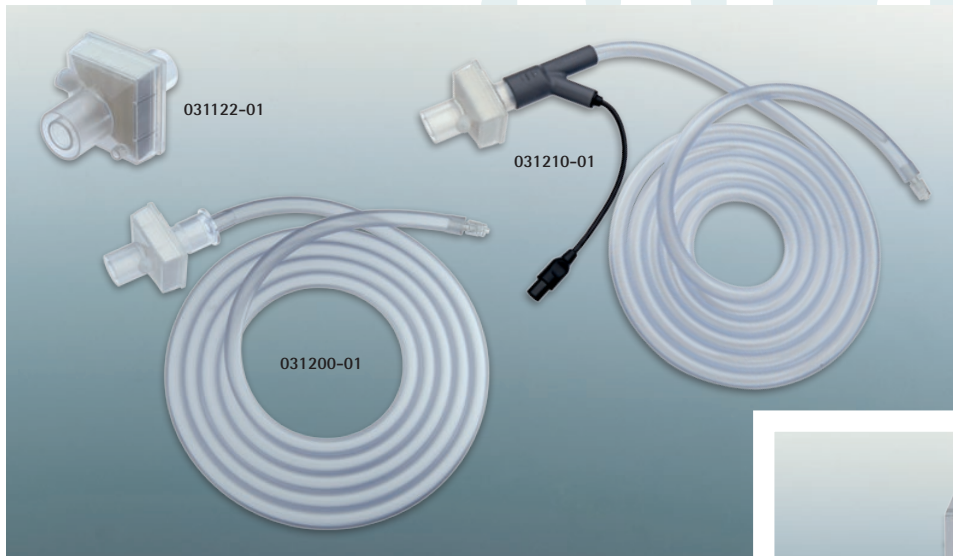


#### 031622-10

Single-use insufflation tubing set bifurcated with gas filter, hydrophobic on both sides. With 4 m insufflation tube, two patient-side tube connections with rotatable male LUER-Lock. For use with insufflation devices that have a maximum gas flow of 30 l/min. Approved and tested accessory for KARL STORZ Electronic ENDOFLATOR® and THERMOFLATOR®. Sterile, 10 per pack.



- Connection unit-side: ISO connector
- Connection patient-side: two tube connections with male LUER-Lock
- Hydrophobicity: hydrophobic on both sides
- Filter surface: 320 cm<sup>2</sup>
- Filtration efficiency: >99.995%

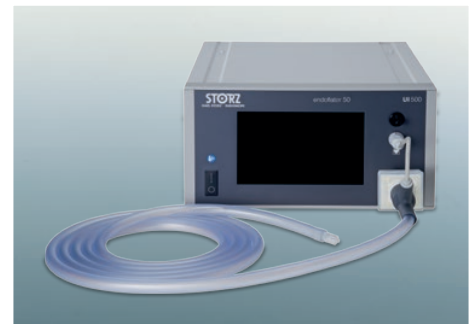


## FILTERS FOR LAPAROSCOPY

### GAS FILTER AND INSUFFLATION TUBING SETS WITH GAS FILTER FOR INSUFFLATION DEVICES WITH MAXIMUM GAS FLOW OF 50 L/MIN

The single-use gas filter 031122-01, the single-use insufflation tubing set with gas filter 031200-01 and the single-use heated insufflation tubing set with gas filter 031210-01 to heat gas are suitable for insufflation devices that achieve a maximum gas flow of 50 l/min.

- ✚ contamination protection of patient and device
- ✚ maximum gas flow rate of 50 l/min
- ✚ pre-heated gas for better visualization and patient comfort (031210-01)
- ✚ simple, rapid and safe handling



#### 031122-25

Single-use gas filter, connection: ISO connectors, hydrophobic on both sides. For use with insufflation devices that have a maximum gas flow of 50 l/min. Approved and tested accessory for KARL STORZ insufflation devices. Sterile, 25 per pack.



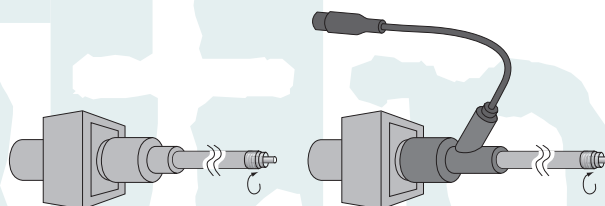
#### 031200-10

Single-use insufflation tubing set with gas filter, hydrophobic on both sides. With 3 m insufflation tube and male LUER-Lock. For use with insufflation devices that have a maximum gas flow of 50 l/min. Approved and tested accessory for KARL STORZ insufflation devices. Sterile, 10 per pack.



#### 031210-10

Single-use heated insufflation tubing set with gas filter, hydrophobic on both sides. With 3 m insufflation tube and male LUER-Lock. For use with KARL STORZ ENDOFLATOR® 50. Sterile, 10 per pack.



- |                            |                            |                                        |                                                                          |
|----------------------------|----------------------------|----------------------------------------|--------------------------------------------------------------------------|
| • Connection unit-side:    | 031122-01<br>ISO connector | 031200-01<br>ISO connector             | 031210-01<br>ISO connector and<br>plug connection<br>with male LUER-Lock |
| • Connection patient-side: | ISO connector              | tube connection with<br>male LUER-Lock | tube connection with<br>male LUER-Lock                                   |
| • Hydrophobicity:          | hydrophobic on both sides  | hydrophobic on both sides              | hydrophobic on both sides                                                |
| • Filter surface:          | 320 cm <sup>2</sup>        | 320 cm <sup>2</sup>                    | 320 cm <sup>2</sup>                                                      |
| • Filtration efficiency:   | > 99.995 %                 | > 99.995 %                             | > 99.995 %                                                               |



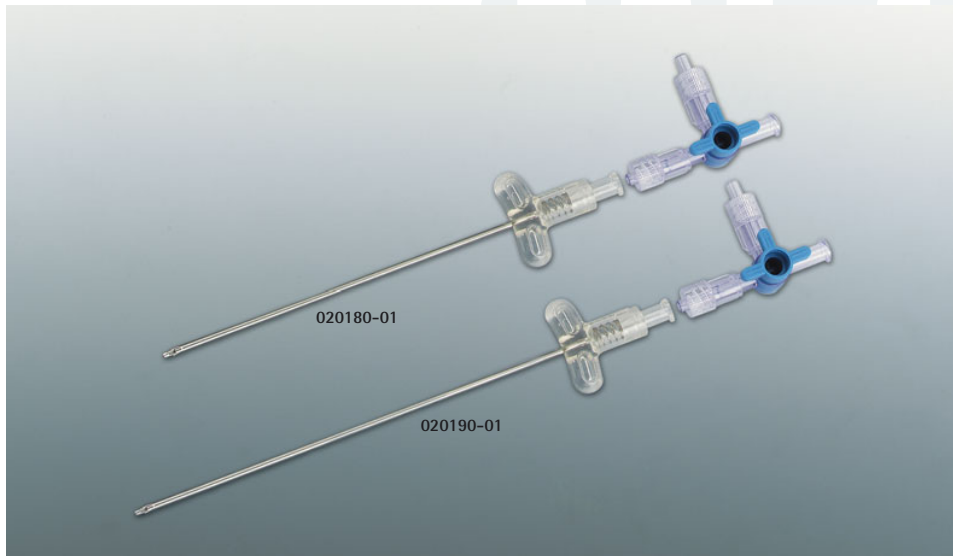
TROKARZUBEHÖR

ACCESSORIES FOR TROCARS

ACCESSOIRES POUR TROCARTS

ACCESSORI PER TROCAR

ACCESORIOS PARA TROCARES



## ACCESSORIES FOR TROCARS

### VERES PNEUMOPERITONEUM NEEDLES

The mtp VERES needle is used for establishing a pneumoperitoneum within minimally invasive surgery.

- +** optional connection of male or female LUER-Lock on three-way stopcock (020180-01, 020190-01)
- +** acoustic and visual control of perforation

#### 020180-10

Single-use VERES pneumoperitoneum needle. Length 120 mm, insufflation stopcock with male LUER-Lock and female LUER-Lock. Sterile, 10 per pack.



#### 020181-10

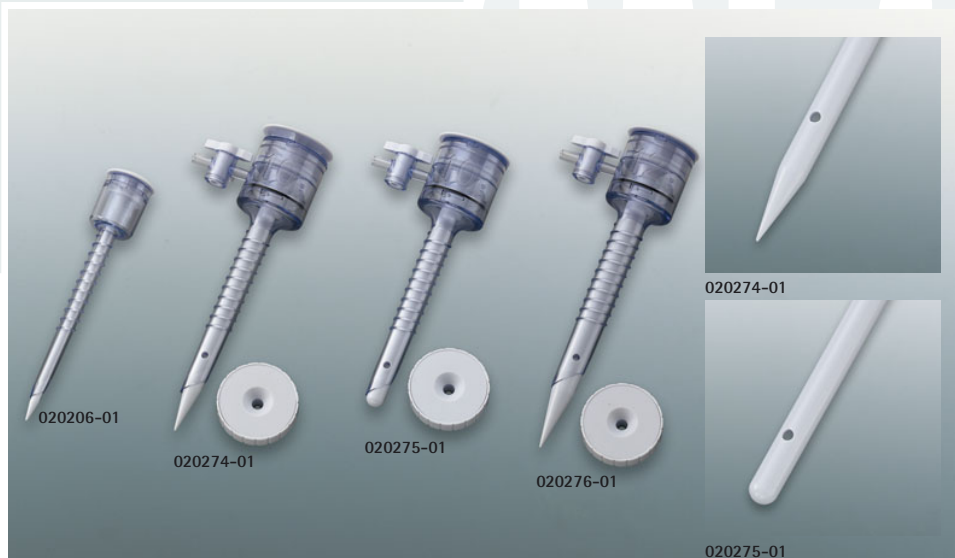
Single-use VERES pneumoperitoneum needle. Length 120 mm. Sterile, 10 per pack.



#### 020190-10

Single-use VERES pneumoperitoneum needle. Length 150 mm, insufflation stopcock with male LUER-Lock and female LUER-Lock. Sterile, 10 per pack.





## ACCESSORIES FOR TROCARS

## TROCARS FOR LAPAROSCOPY

The mtp trocars (except for 020206-01) are equipped with an insufflation stopcock and can be used for instruments and telescopes with a diameter of 5–12 mm.

- ✚ economical trocar
- ✚ light weight threaded trocar to maintain position
- ✚ transparent trocar to increase safety
- ✚ including reducer cap (except for 020206-01)
- ✚ bladeless and blunt insertion trocar for Hasson technique

### 020206-30

Single-use trocar with conical trocar tip. For instruments with Ø 5 mm, length 100 mm.  
Sterile, 30 per pack.

STERILE 

### 020274-10

Single-use trocar with conical trocar tip and insufflation stopcock. For instruments with Ø 10 mm, length 100 mm, including 5 mm reducer cap.  
Sterile, 10 per pack.

STERILE 

### 020275-10

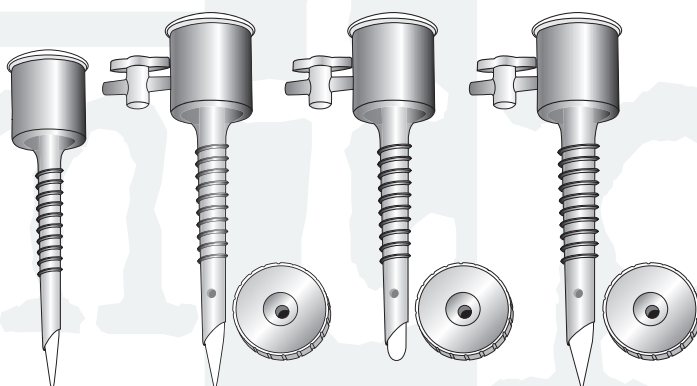
Single-use trocar with blunt trocar tip (for Hasson technique) and insufflation stopcock. For instruments with Ø 10 mm, length 100 mm, including 5 mm reducer cap.  
Sterile, 10 per pack.

STERILE 

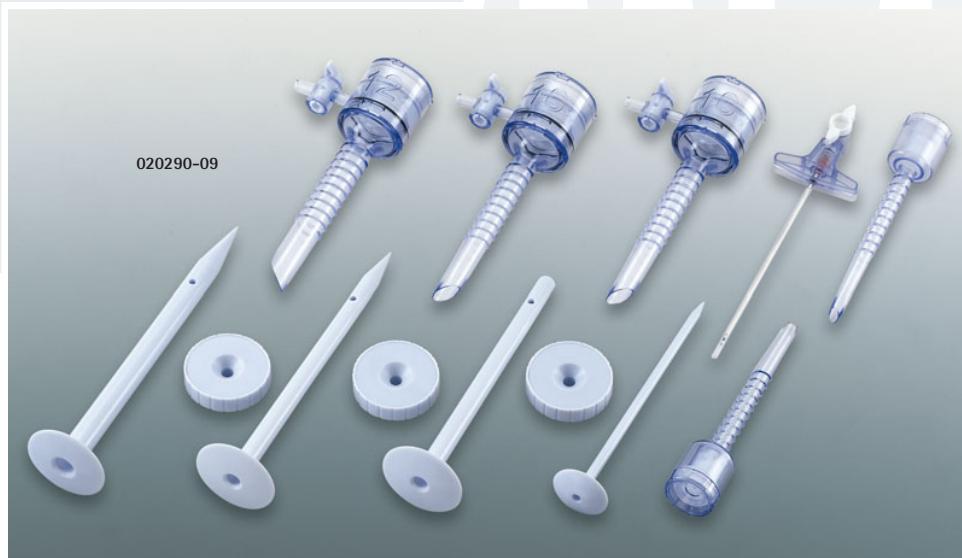
### 020276-10

Single-use trocar with conical trocar tip and insufflation stopcock. For instruments with Ø 12 mm, length 100 mm, including 5 mm reducer cap.  
Sterile, 10 per pack.

STERILE 







## ACCESSORIES FOR TROCARS

### EMERGENCY TROCAR KIT

This emergency set contains all trocars needed for the routine surgery including the VERES needle for insufflation.

The trocars are also available separately.

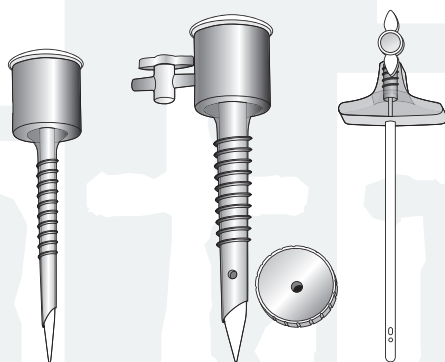
- +** economy kit
- +** complete set for quick and safe body access
- +** easy to use
- +** including reducer caps

#### 020290-09

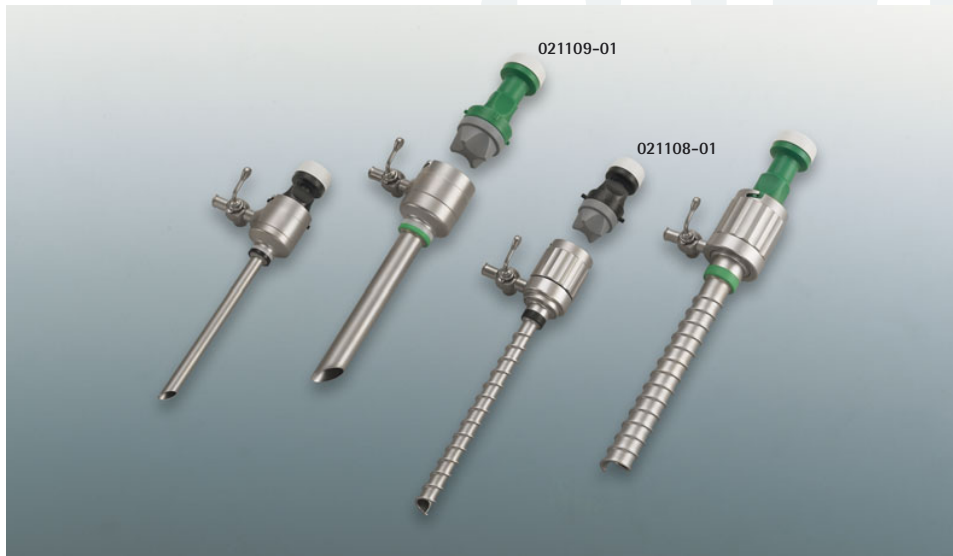
Single-use Emergency Trocar Kit. Consisting of:

- 2 x 020206-01 trocar conical, 5 mm
- 1 x 020274-01 trocar conical, 10 mm
- 1 x 020275-01 trocar blunt, 10 mm
- 1 x 020276-01 trocar conical, 12 mm
- 3 x 020273-01 reducer cap, 5 mm
- 1 x 020280-01 VERES needle, 120 mm

Sterile.







## ACCESSORIES FOR TROCARS

### TROCAR VALVES FOR KARL STORZ TROCAR CANNULAS WITH BAYONET LOCK

The mtp trocar valves provide the user with a quick, simple and safe alternative to the reusable valves from KARL STORZ. The mtp valves and suitable KARL STORZ trocar cannulas with bayonet lock are the same colour.

- ✚ simplifies extracorporeal knot technique
- ✚ prevents instrument damage
- ✚ light weight
- ✚ excellent hygienic safety
- ✚ approved and tested accessory  
by KARL STORZ

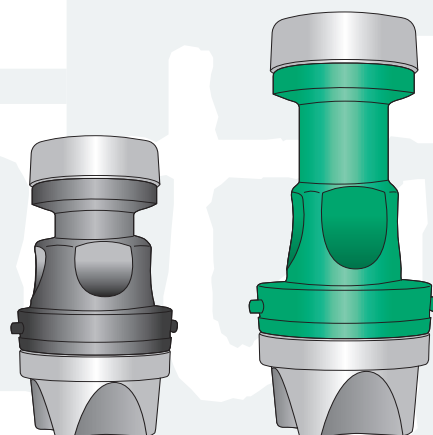
#### 021108-05

Single-use trocar valve, size 6 mm. For use with KARL STORZ trocar cannulas, size 6 mm. Sterile, 5 per pack.



#### 021109-05

Single-use trocar valve, size 11 mm. For use with KARL STORZ trocar cannulas, size 11 mm. Sterile, 5 per pack.



original size



STERILE ÜBERZÜGE

STERILE COVERS

HOUSSES STERILES

COPERTURE STERILI

FUNDAS ESTERILES



## STERILE COVERS

### CAMERA COVER FOLDED INSIDE OUT

The mtp camera cover folded inside out can be used with all currently available endoscopic video camera systems. The inside out fold makes connecting camera and telescope quick and easy.

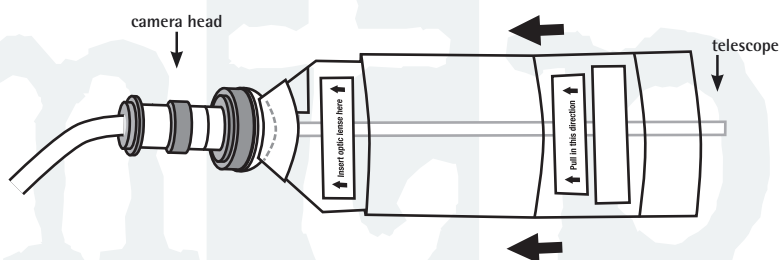
#### 040112-40/-160

Single-use camera cover folded inside out. For use with all currently available endoscopic video camera systems, 13 x 242 cm.

Sterile, 40 or 160 per pack.



- ✚ simple handling due to short inside out fold
- ✚ connection of camera and telescope outside the cover
- ✚ universal fit
- ✚ simple handling
- ✚ excellent hygienic safety





## STERILE COVERS

### CLASSIC CAMERA COVERS

mtp camera covers can be used with all currently available endoscopic video camera systems.

- + universal fit
- + simple handling
- + excellent hygienic safety

#### 040113-50/-200

Single-use camera cover. For use with all currently available endoscopic video camera systems, 13 x 242 cm, telescopic folding with paper insertion aid. Sterile, 50 or 200 per pack.



#### 040114-15/-60

Single-use camera cover. For use with all currently available endoscopic video camera systems, 17 x 242 cm, rolled with plastic insertion aid. Sterile, 15 or 60 per pack.



#### 040115-40/-160

Single-use camera cover. For use with all currently available endoscopic video camera systems, 13 x 242 cm, telescopic folding with cardboard insertion aid. Sterile, 40 or 160 per pack.





## STERILE COVERS

### CAMERA COVERS WITH ELASTIC TIP

The tip of this camera cover is equipped with a blue, highly elastic and hydrophobic material that fits the endoscope shaft tightly without adhesive tape.

By virtue of its characteristics, the camera cover is recommended in particular for the specializations of urology, arthroscopy and mediastinoscopy.

- +** liquid-tight seal between endoscope and camera
- +** universal fit
- +** simple handling
- +** excellent hygienic safety

#### 040169-40/-160

Single-use camera cover with elastic telescope opening. For use with all currently available endoscopic video camera systems, 13 x 242 cm, telescopic folding with paper insertion aid. Sterile, 40 or 160 per pack.



#### 040170-25/-100

Single-use camera cover with elastic telescope opening. For use with all currently available endoscopic video camera systems and also with KARL STORZ video mediastinoscopes 10970 MV, 10971 MV and 10971 MVS, 18 x 242 cm, telescopic folding with paper insertion aid. Sterile, 25 or 100 per pack.





STERILE COVERS

## CAMERA COVER FOR KARL STORZ VIDEO MEDIASTINOSCOPES

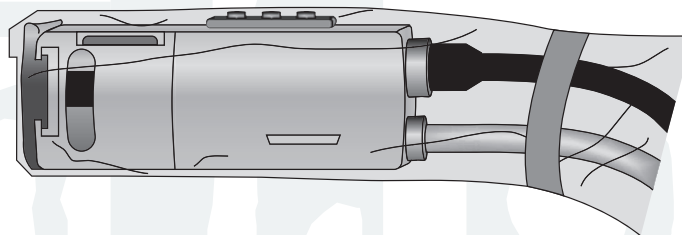
The mtp camera cover for single use has been especially developed for the IMAGE 1 DCI® camera head, which is used in connection with the KARL STORZ distending video mediastinoscopes 10972 SP and 10972 SPS and the KARL STORZ DCI® video mediastinoscopes 10971 MV and 10971 MVS.

- + simple handling
- + excellent hygienic safety
- + approved and tested accessory  
by KARL STORZ

### 041171-40/-160

Single-use camera cover. For use with IMAGE 1 DCI® camera head for KARL STORZ distending video mediastinoscopes 10972 SP and 10972 SPS and DCI® video mediastinoscopes 10971 MV and 10971 MVS. Width at camera head 6 cm, length 309 cm.

Sterile, 40 or 160 per pack.





## STERILE COVERS

### STERILE COVERS

Sterile covers are used in order to create and preserve a sterile operating field.

mtp offers single-use covers for the following products:

- PC mice
- remote controls
- KARL STORZ ENDOCRANE®
- KARL STORZ VERSACRANE™
- mechanical holding systems from KARL STORZ
- POINT SETTER®
- KARL STORZ touch screen monitors

- + universal fit
- + simple handling
- + excellent hygienic safety

#### 040146-25

Single-use cover. For covering PC mice, remote controls and KARL STORZ ENDOCRANE® holding arm, 13 x 242 cm. Sterile, 25 per pack.

STERILE 

#### 041150-20/-80

Single-use cover with elastic tip, 42 x 164 cm. For use with KARL STORZ holding systems. Sterile, 20 or 80 per pack.

STERILE 

#### Covers for touch screen monitors

##### 041165-20/-80

Single-use cover, short. For use with KARL STORZ 15" Touch Screen. Sterile, 20 or 80 per pack.

STERILE  LATEX 

##### 041166-20/-80

Single-use cover, long. For use with KARL STORZ 15" Touch Screen and holding arm up to 190 cm long. Sterile, 20 or 80 per pack.

STERILE 

##### 041265-20/-80

Single-use cover, short. For use with KARL STORZ 18" and 19" Touch Screen. Sterile, 20 or 80 per pack.

STERILE 

##### 041365-20/-80

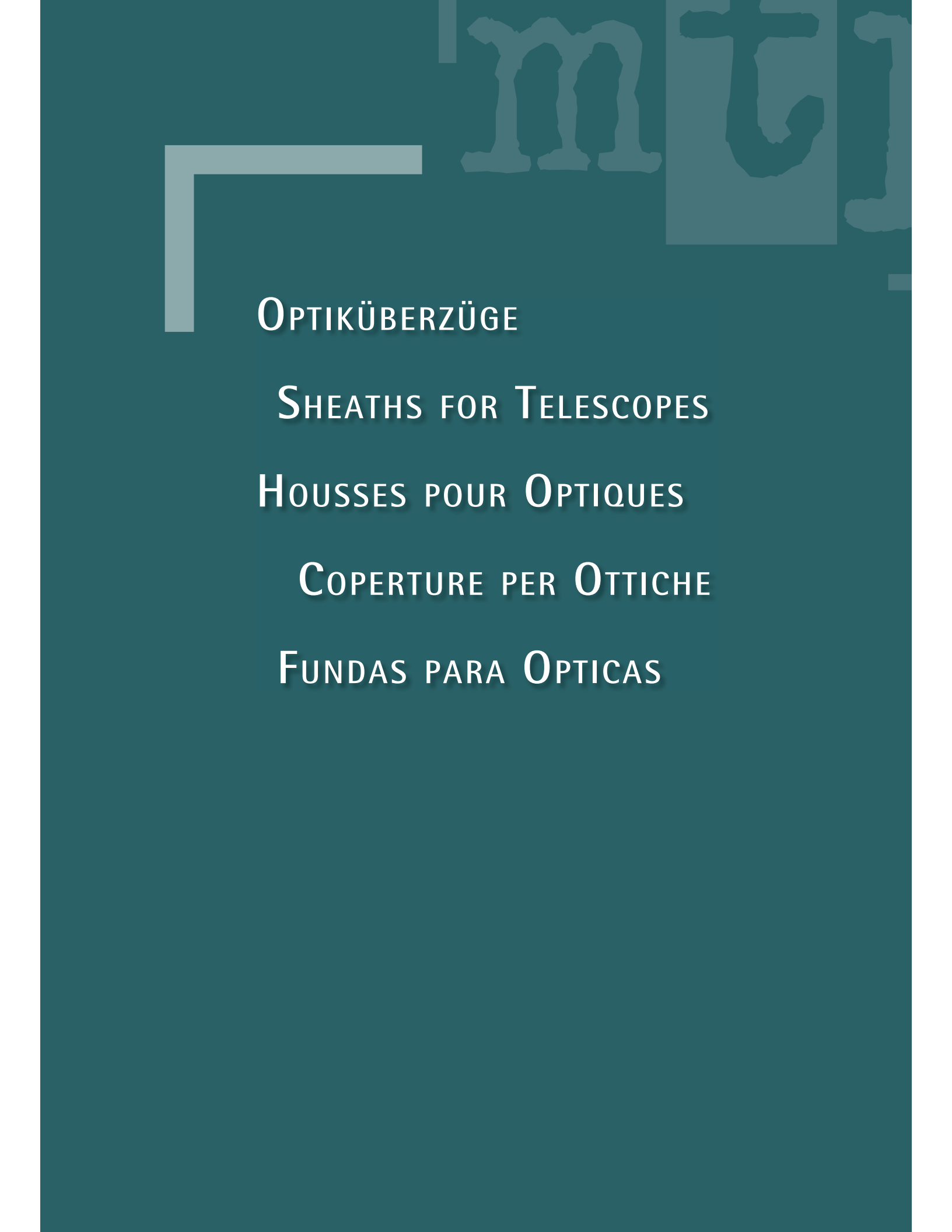
Single-use cover, short. For use with KARL STORZ 21.5" Touch Screen. Sterile, 20 or 80 per pack.

STERILE 

##### 041465-20/-80

Single-use cover, short. For use with KARL STORZ 24" Touch Screen. Sterile, 20 or 80 per pack.

STERILE 



OPTIKÜBERZÜGE

SHEATHS FOR TELESCOPES

HOUSSES POUR OPTIQUES

COPERTURE PER OTTICHE

FUNDAS PARA OPTICAS





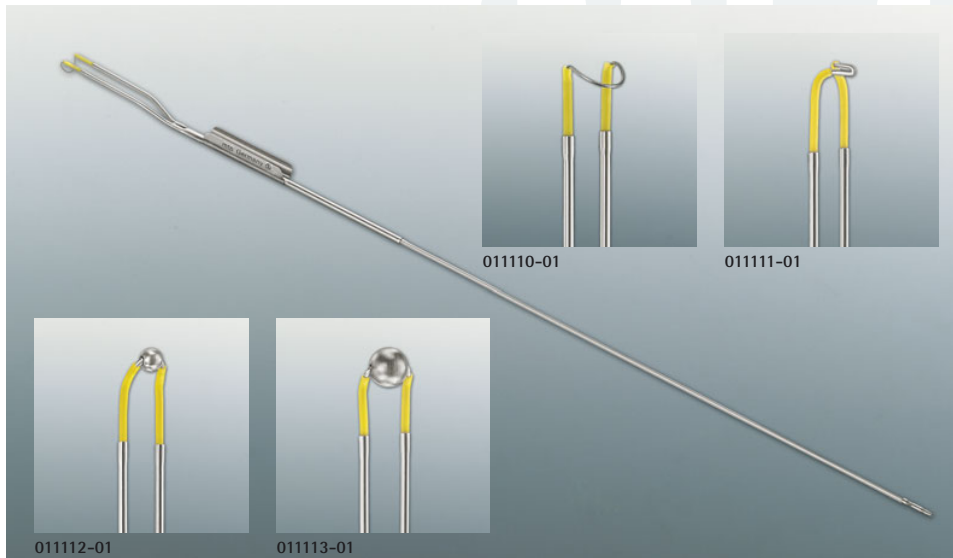
INSTRUMENTE FÜR HF-CHIRURGIE

INSTRUMENTS FOR HIGH  
FREQUENCY SURGERY

INSTRUMENTS POUR LA CHIRURGIE  
HAUTE FREQUENCE

STRUMENTI PER LA CHIRURGIA  
AD ALTA FREQUENZA

INSTRUMENTOS PARA LA CIRUGIA  
DE ALTA FRECUENCIA



## INSTRUMENTS FOR HIGH FREQUENCY SURGERY

### UNIPOLAR ELECTRODES FOR KARL STORZ RESECTOSCOPE SYSTEMS

The mtp unipolar electrodes with one guide rod are the suitable single-use products to KARL STORZ resectoscope systems for urology and gynaecology.

These sterile electrodes with yellow colour code are compatible with KARL STORZ working elements 26050 D/E (GYN) and 27050 C/D/E (URO).

- +** simple product classification through yellow colouring for 24/26 CH
- +** approved and tested accessories by KARL STORZ for KARL STORZ resectoscope systems

#### 011110-10

Single-use unipolar cutting loop. Angled, 1 guide rod, 24/26 CH, colour code: yellow. For use with KARL STORZ working elements 26050 D/E and 27050 C/D/E. Sterile, 10 per pack.



#### 011111-10

Single-use unipolar coagulating electrode. Pointed, 1 guide rod, 24/26 CH, colour code: yellow. For use with KARL STORZ working elements 26050 D/E and 27050 C/D/E. Sterile, 10 per pack.



#### 011112-10

Single-use unipolar coagulating electrode. Ball-shaped, Ø 3 mm, 1 guide rod, 24/26 CH, colour code: yellow. For use with KARL STORZ working elements 26050 D/E and 27050 C/D/E. Sterile, 10 per pack.



#### 011113-10

Single-use unipolar coagulating electrode. Ball-shaped, Ø 5 mm, 1 guide rod, 24/26 CH, colour code: yellow. For use with KARL STORZ working elements 26050 D/E and 27050 C/D/E. Sterile, 10 per pack.





## INSTRUMENTS FOR HIGH FREQUENCY SURGERY

### UNIPOLAR ELECTRODES FOR KARL STORZ RESECTOSCOPE SYSTEMS

The mtp unipolar electrodes with two guide rods are the suitable single-use products to KARL STORZ resectoscope systems for urology.

These sterile electrodes with yellow colour code are compatible with KARL STORZ working elements 27040 C/D/E (URO).

- +** simple product classification through yellow colouring for 24/26 CH
- +** approved and tested accessories by KARL STORZ for KARL STORZ resectoscope systems

#### 011114-10

Single-use unipolar cutting loop. Angled, 2 guide rods, 24/26 CH, colour code: yellow. For use with KARL STORZ working elements 27040 C/D/E.

Sterile, 10 per pack.



#### 011115-10

Single-use unipolar coagulating electrode. Pointed, 2 guide rods, 24/26 CH, colour code: yellow. For use with KARL STORZ working elements 27040 C/D/E.

Sterile, 10 per pack.



#### 011116-10

Single-use unipolar coagulating electrode. Ball-shaped, Ø 3 mm, 2 guide rods, 24/26 CH, colour code: yellow. For use with KARL STORZ working elements 27040 C/D/E.

Sterile, 10 per pack.



#### 011117-10

Single-use unipolar coagulating electrode. Ball-shaped, Ø 5 mm, 2 guide rods, 24/26 CH, colour code: yellow. For use with KARL STORZ working elements 27040 C/D/E.

Sterile, 10 per pack.





## INSTRUMENTS FOR HIGH FREQUENCY SURGERY

### UNIPOLAR ELECTRODES FOR KARL STORZ RESECTOSCOPE SYSTEMS

The mtp unipolar electrodes with one guide rod are the suitable single-use products to KARL STORZ resectoscope systems for urology.

These sterile electrodes with brown colour code are compatible with KARL STORZ working elements 27050 C/D/E (URO).

- +** simple product classification through brown colouring for 27/28 CH
- +** approved and tested accessories by KARL STORZ for KARL STORZ resectoscope systems

#### 011210-10

Single-use unipolar cutting loop. Angled, 1 guide rod, 27/28 CH, colour code: brown. For use with KARL STORZ working elements 27050 C/D/E.

Sterile, 10 per pack.



#### 011211-10

Single-use unipolar coagulating electrode. Pointed, 1 guide rod, 27/28 CH, colour code: brown. For use with KARL STORZ working elements 27050 C/D/E.

Sterile, 10 per pack.



#### 011212-10

Single-use unipolar coagulating electrode. Ball-shaped, Ø 3 mm, 1 guide rod, 27/28 CH, colour code: brown.

For use with KARL STORZ working elements 27050 C/D/E.

Sterile, 10 per pack.



#### 011213-10

Single-use unipolar coagulating electrode. Ball-shaped, Ø 5 mm, 1 guide rod, 27/28 CH, colour code: brown.

For use with KARL STORZ working elements 27050 C/D/E.

Sterile, 10 per pack.





## INSTRUMENTS FOR HIGH FREQUENCY SURGERY

### UNIPOLAR ELECTRODES FOR KARL STORZ RESECTOSCOPE SYSTEMS

The mtp unipolar electrodes with two guide rods are the suitable single-use products to KARL STORZ resectoscope systems for urology.

These sterile electrodes with brown colour code are compatible with KARL STORZ working elements 27040 C/D/E (URO).

- +** simple product classification through brown colouring for 27/28 CH
- +** approved and tested accessories by KARL STORZ for KARL STORZ resectoscope systems

#### 011214-10

Single-use unipolar cutting loop. Angled, 2 guide rods, 27/28 CH, colour code: brown. For use with KARL STORZ working elements 27040 C/D/E.

Sterile, 10 per pack.



#### 011215-10

Single-use unipolar coagulating electrode. Pointed, 2 guide rods, 27/28 CH, colour code: brown. For use with KARL STORZ working elements 27040 C/D/E.

Sterile, 10 per pack.



#### 011216-10

Single-use unipolar coagulating electrode. Ball-shaped, Ø 3 mm, 2 guide rods, 27/28 CH, colour code: brown.

For use with KARL STORZ working elements 27040 C/D/E.

Sterile, 10 per pack.



#### 011217-10

Single-use unipolar coagulating electrode. Ball-shaped, Ø 5 mm, 2 guide rods, 27/28 CH, colour code: brown.

For use with KARL STORZ working elements 27040 C/D/E.

Sterile, 10 per pack.





## INSTRUMENTS FOR HIGH FREQUENCY SURGERY

### BIPOLAR ELECTRODES FOR KARL STORZ RESECTOSCOPE SYSTEMS

The mtp bipolar electrodes with two guide rods are the suitable single-use products to KARL STORZ resectoscope systems for urology and gynaecology.

These sterile electrodes are compatible with KARL STORZ working elements 26040 DB/EB (GYN) and 27040 DB/EB (URO).

- +** simple product classification through yellow colouring for 24/26 CH
- +** approved and tested accessories by KARL STORZ for KARL STORZ resectoscope systems



#### 011150-10

Single-use bipolar cutting loop.

#### 011152-10

Single-use bipolar cutting loop. Small.

#### 011154-10

Single-use bipolar coagulating electrode. Pointed.

ALL:

2 guide rods, 24/26 CH, colour code: yellow. For use with KARL STORZ working elements 26040 DB/EB and 27040 DB/EB as well as 12° telescopes 26105 FA and 27005 FA.

Sterile, 10 per pack.



#### 011151-10

Single-use bipolar cutting loop.

#### 011153-10

Single-use bipolar cutting loop. Small.

#### 011155-10

Single-use bipolar coagulating electrode. Pointed.

ALL:

2 guide rods, 24/26 CH, colour code: yellow. For use with KARL STORZ working elements 26040 DB/EB and 27040 DB/EB as well as 30° telescopes 26105 BA and 27005 BA.

Sterile, 10 per pack.



#### 011156-10

Single-use bipolar coagulating electrode. Ball-shaped.

#### 011157-10

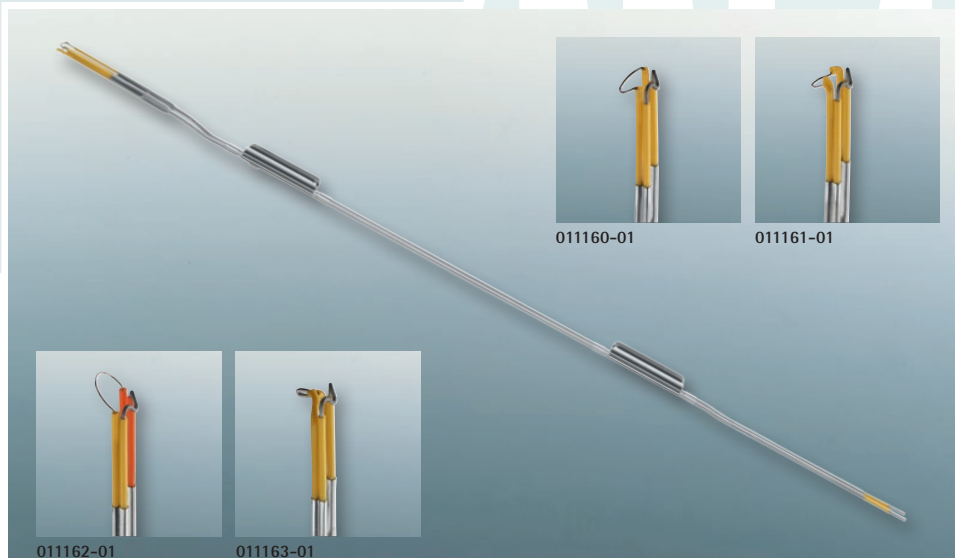
Single-use bipolar cutting loop. Longitudinal.

ALL:

2 guide rods, 24/26 CH, colour code: yellow. For use with KARL STORZ working elements 26040 DB/EB and 27040 DB/EB as well as 12° telescopes 26105 FA/27005 FA and 30° telescopes 26105 BA/27005 BA.

Sterile, 10 per pack.





## INSTRUMENTS FOR HIGH FREQUENCY SURGERY

### BIPOLAR ELECTRODES FOR KARL STORZ RESECTOSCOPE SYSTEMS

The mtp bipolar electrodes with two guide rods are the suitable single-use products to KARL STORZ resectoscope systems for urology and gynaecology.

These sterile electrodes are compatible with KARL STORZ working elements 26040 DB/EB (GYN) and 27040 DB/EB (URO)

- +** simple product classification through yellow colouring for 24/26 CH
- +** universally applicable for both 12° and 30° telescopes
- +** neutral electrodes with a rounded, atraumatic design
- +** approved and tested accessories by KARL STORZ for KARL STORZ resectoscope systems



#### 011160-10

Single-use bipolar cutting loop. 2 guide rods, 24/26 CH, colour code: yellow.

#### 011161-10

Single-use bipolar cutting loop. Small, 2 guide rods, 24/26 CH, colour code: yellow.

#### 011162-10

Single-use bipolar cutting loop. Longitudinal, 2 guide rods, 24/26 CH, colour code: yellow-orange.

#### 011163-10

Single-use bipolar coagulating electrode. Pointed, 2 guide rods, 24/26 CH, colour code: yellow.

#### ALL:

For use with KARL STORZ working elements 26040 DB/EB and 27040 DB/EB as well as 12° telescopes 26105 FA/27005 FA and 30° telescopes 26105 BA/27005 BA. Sterile, 10 per pack.





SCHLAUCHSETS FÜR  
KARL STORZ SYSTEME

TUBING SETS FOR  
KARL STORZ SYSTEMS

JEUX DE TUYAUX POUR SYSTEMES  
KARL STORZ

SET DI TUBI PER SISTEMI  
KARL STORZ

SETS DE TUBOS PARA SISTEMAS  
KARL STORZ





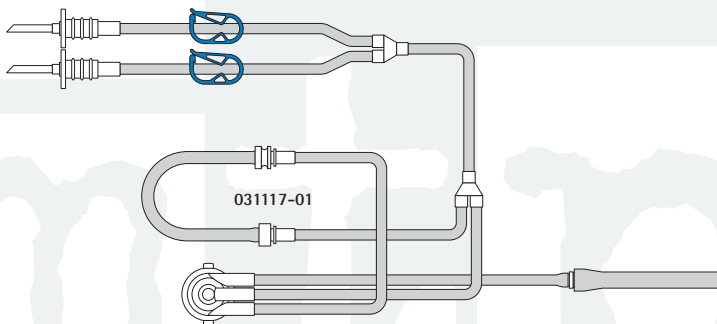
## TUBING SETS FOR KARL STORZ SYSTEMS

031140-01

## IRRIGATION TUBING SETS FOR HYSTEROSCOPY FOR KARL STORZ ROLLER PUMPS

mtp single-use irrigation tubing sets for hysteroscopy using the KARL STORZ HAMOU® ENDOMAT® 26331020 and HYSTEROMAT® II roller pump systems.

- ✚ simple, rapid and safe handling
- ✚ visual product identification through unique colour mark (blue)
- ✚ automatic product identification and mode selection through pump (HYS mode)



### 031117-10

Single-use tubing set with two puncture needles.  
For use with KARL STORZ HAMOU® ENDOMAT® 26331020 (hysteroscopy) and HYSTEROMAT® II.  
Sterile, 10 per pack.



### 031140-10

Single-use tubing set with two Care-Lock® connectors.  
For use with KARL STORZ HAMOU® ENDOMAT® 26331020 (hysteroscopy) and HYSTEROMAT® II.  
Sterile, 10 per pack.



### 031167-10

Pump tubing day set with two puncture needles.  
For use with KARL STORZ HAMOU® ENDOMAT® 26331020 (hysteroscopy) and HYSTEROMAT® II in combination with patient tube 031162-01.  
Sterile, 10 per pack.



### 031162-10

Single-use patient tube. For use with pump tubing day sets 031161-01, 031167-01, 031168-01, 031261-01 and 031767-01.  
Sterile, 10 per pack.



### Accessory

#### 031151-01

Care-Lock® connector. For use in combination with tubing sets complete with puncture needles.  
Sterile, 1 per pack.





## TUBING SETS FOR KARL STORZ SYSTEMS

### IRRIGATION TUBING SET FOR HYSTEROSCOPY FOR KARL STORZ ROLLER PUMP

mtp single-use irrigation tubing set for hysteroscopy using the KARL STORZ HAMOU® ENDOMAT® 26331120 roller pump system.

- + simple, rapid and safe handling
- + no danger of mix-ups when inserting the connectors
- + automatic product identification and mode selection through pump (HYS mode)

#### 031517-10

Single-use cassette tubing set with two puncture needles. For use with KARL STORZ HAMOU® ENDOMAT® 26331120 (hysteroscopy).

Sterile, 10 per pack.



Accessory

#### 030847-10

**VACUsafe EXTRA-LARGE LUER-Lock tubing set**

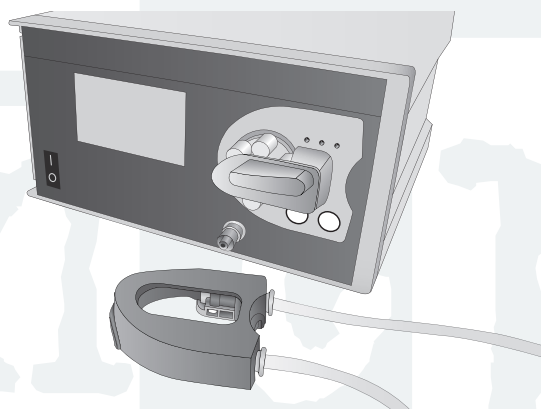
Consisting of 10 pcs. patient tubes 2.5 m with male LUER-Lock and red multiadaptor, sterile (030248-01) and 1 pc. EXTRA-LARGE LUER-Lock pump tube 1.5 m with male LUER-Lock and multiadaptor, non-sterile (030547-01). For use with KARL STORZ HAMOU® ENDOMAT® 26331120.



#### 031151-01

Care-Lock® connector. For use in combination with tubing sets complete with puncture needles.

Sterile, 1 per pack.



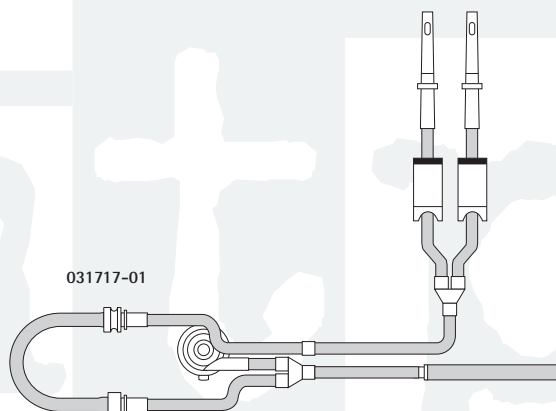
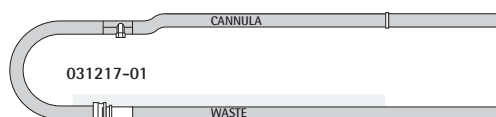


## TUBING SETS FOR KARL STORZ SYSTEMS

### IRRIGATION AND SUCTION TUBING SETS FOR KARL STORZ HYSTEROMAT E.A.S.I.® AND UROMAT E.A.S.I.™

mtp single-use irrigation and suction tubing sets using the KARL STORZ HYSTEROMAT E.A.S.I.® and UROMAT E.A.S.I.™ roller pump systems.

- + simple, rapid and safe handling
- + visual product identification through unique colour mark (red or blue)



#### 031217-10

Single-use SUCTION tubing set. For use with KARL STORZ HYSTEROMAT E.A.S.I.® and UROMAT E.A.S.I.™  
Sterile, 10 per pack.



#### 031717-10

Single-use IRRIGATION tubing set with two puncture needles. For use with KARL STORZ HYSTEROMAT E.A.S.I.® and UROMAT E.A.S.I.™  
Sterile, 10 per pack.



#### 031767-10

Pump tubing day set with two puncture needles. For use with KARL STORZ HYSTEROMAT E.A.S.I.® and UROMAT E.A.S.I.™ in combination with patient tube 031162-01.  
Sterile, 10 per pack.



#### 031162-10

Single-use patient tube. For use with pump tubing day sets 031161-01, 031167-01, 031168-01, 031261-01 and 031767-01.  
Sterile, 10 per pack.



#### Accessory

#### 031151-01

Care-Lock® connector. For use in combination with tubing sets complete with puncture needles.  
Sterile, 1 per pack.





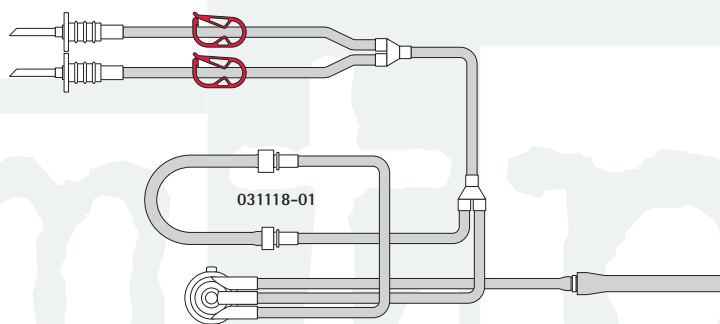
## TUBING SETS FOR KARL STORZ SYSTEMS

031141-01

## IRRIGATION TUBING SETS FOR LAPAROSCOPY FOR KARL STORZ ROLLER PUMPS

mtp single-use irrigation tubing sets for laparoscopy using the KARL STORZ HAMOU® ENDOMAT® 26331020 and LAPAROMAT® roller pump systems.

- ✚ simple, rapid and safe handling
- ✚ visual product identification through unique colour mark (red)
- ✚ automatic product identification and mode selection through pump (LAP mode)



### 031118-10

Single-use tubing set with two puncture needles.  
For use with KARL STORZ HAMOU® ENDOMAT® 26331020 (laparoscopy).  
Sterile, 10 per pack.



### 031141-10

Single-use tubing set with two Care-Lock® connectors.  
For use with KARL STORZ HAMOU® ENDOMAT® 26331020 (laparoscopy).  
Sterile, 10 per pack.



### 031159-10

Single-use tubing set with two puncture needles.  
For use with KARL STORZ LAPAROMAT®.  
Sterile, 10 per pack.



### 031168-10

Pump tubing day set with two puncture needles.  
For use with KARL STORZ HAMOU® ENDOMAT® 26331020 (laparoscopy) in combination with patient tube 031162-01.  
Sterile, 10 per pack.



### 031162-10

Single-use patient tube. For use with pump tubing day sets 031161-01, 031167-01, 031168-01, 031261-01 and 031767-01.  
Sterile, 10 per pack.



### Accessory

#### 031151-01

Care-Lock® connector. For use in combination with tubing sets complete with puncture needles.  
Sterile, 1 per pack.





## TUBING SETS FOR KARL STORZ SYSTEMS

### IRRIGATION TUBING SET FOR LAPAROSCOPY FOR KARL STORZ ROLLER PUMP

mtp single-use irrigation tubing set for laparoscopy using the KARL STORZ HAMOU® ENDOMAT® 26331120 roller pump system.

- + simple, rapid and safe handling
- + no danger of mix-ups when inserting the connectors
- + automatic product identification and mode selection through pump (LAP mode)

#### 031518-10

Single-use cassette tubing set with two puncture needles. For use with KARL STORZ HAMOU® ENDOMAT® 26331120 (laparoscopy).

Sterile, 10 per pack.



Accessory

#### 030847-10

**VACUsafe EXTRA-LARGE LUER-Lock tubing set**

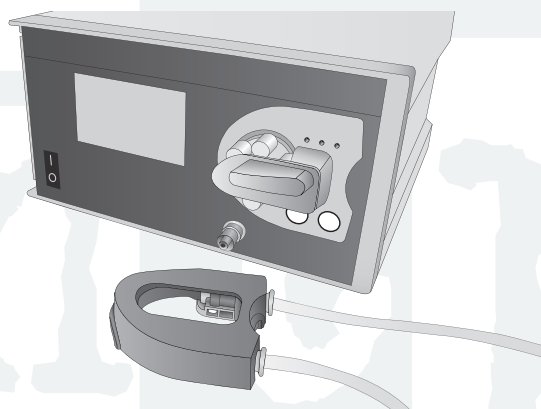
Consisting of 10 pcs. patient tubes 2.5 m with male LUER-Lock and red multiadaptor, sterile (030248-01) and 1 pc. EXTRA-LARGE LUER-Lock pump tube 1.5 m with male LUER-Lock and multiadaptor, non-sterile (030547-01). For use with KARL STORZ HAMOU® ENDOMAT® 26331120.



#### 031151-01

Care-Lock® connector. For use in combination with tubing sets complete with puncture needles.

Sterile, 1 per pack.







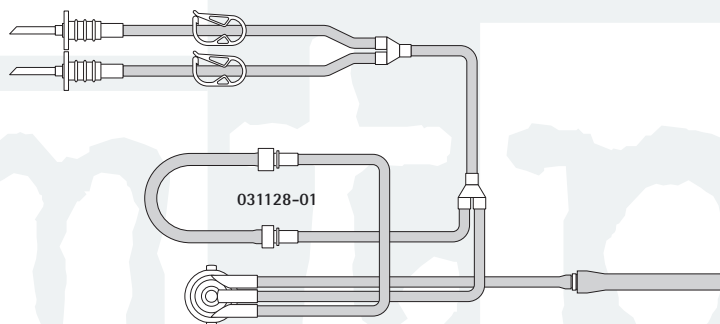
## TUBING SETS FOR KARL STORZ SYSTEMS

031142-01

## IRRIGATION TUBING SETS FOR ARTHROSCOPY AND UROLOGY FOR KARL STORZ ROLLER PUMPS

mtp single-use irrigation tubing sets for arthroscopy and urology using the KARL STORZ ARTHROPUMP®, ARTHROPUMP® plus, UROMAT and UROPUMP roller pump systems.

- + simple, rapid and safe handling
- + visual product identification through unique colour mark (white)



### 031128-10

Single-use tubing set with two puncture needles.  
For use with KARL STORZ ARTHROPUMP®, ARTHROPUMP® plus, UROMAT and UROPUMP.  
Sterile, 10 per pack.



### 031142-10

Single-use tubing set with two Care-Lock® connectors.  
For use with KARL STORZ ARTHROPUMP®, ARTHROPUMP® plus, UROMAT and UROPUMP.  
Sterile, 10 per pack.



### 031161-10

Pump tubing day set with two puncture needles.  
For use with KARL STORZ ARTHROPUMP®, ARTHROPUMP® plus, UROMAT and UROPUMP in combination with patient tube 031162-01.  
Sterile, 10 per pack.



### 031162-10

Single-use patient tube. For use with pump tubing day sets 031161-01, 031167-01, 031168-01, 031261-01 and 031767-01.  
Sterile, 10 per pack.



### Accessory

#### 031151-01

Care-Lock® connector. For use in combination with tubing sets complete with puncture needles.  
Sterile, 1 per pack.



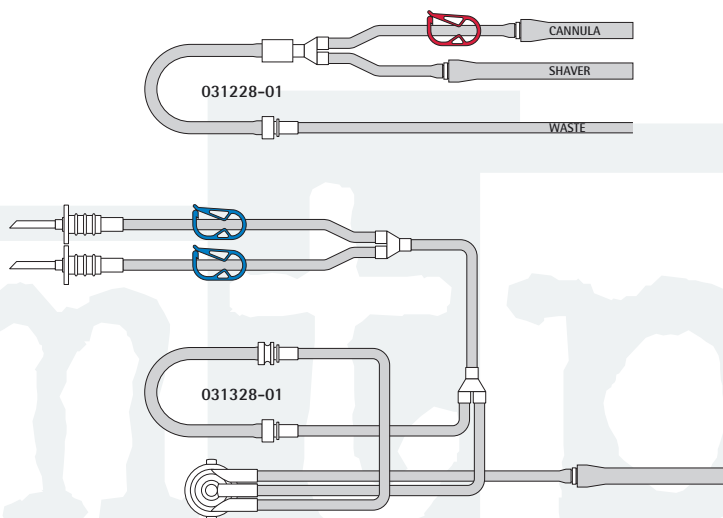


## TUBING SETS FOR KARL STORZ SYSTEMS

### IRRIGATION AND SUCTION TUBING SETS FOR KARL STORZ ARTHROPUMP® POWER

mtp single-use irrigation and suction tubing sets using the KARL STORZ ARTHROPUMP® Power roller pump system.

- +** simple, rapid and safe handling
- +** visual product identification through unique colour mark (red or blue)



#### 031228-10

Single-use SUCTION tubing set with two suction tubes.  
For use with KARL STORZ ARTHROPUMP® Power.  
Sterile, 10 per pack.



#### 031328-10

Single-use IRRIGATION tubing set with two puncture needles.  
For use with KARL STORZ ARTHROPUMP® Power.  
Sterile, 10 per pack.



#### 031261-10

Pump tubing day set with two puncture needles.  
For use with KARL STORZ ARTHROPUMP® Power in  
combination with patient tube 031162-01.  
Sterile, 10 per pack.



#### 031162-10

Single-use patient tube. For use with pump tubing day  
sets 031161-01, 031167-01, 031168-01, 031261-01 and  
031767-01.

Sterile, 10 per pack.



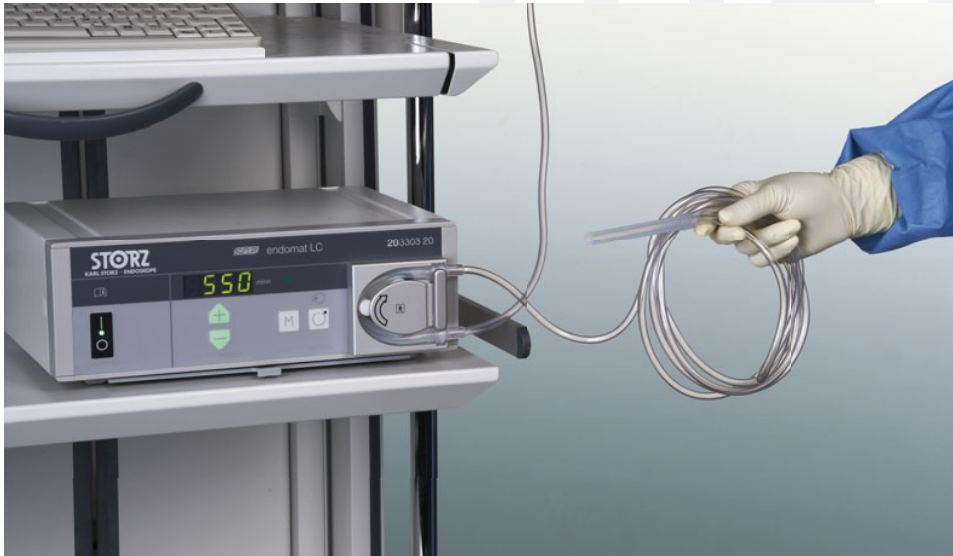
#### Accessory

#### 031151-01

Care-Lock® connector. For use in combination with tubing  
sets complete with puncture needles.

Sterile, 1 per pack.



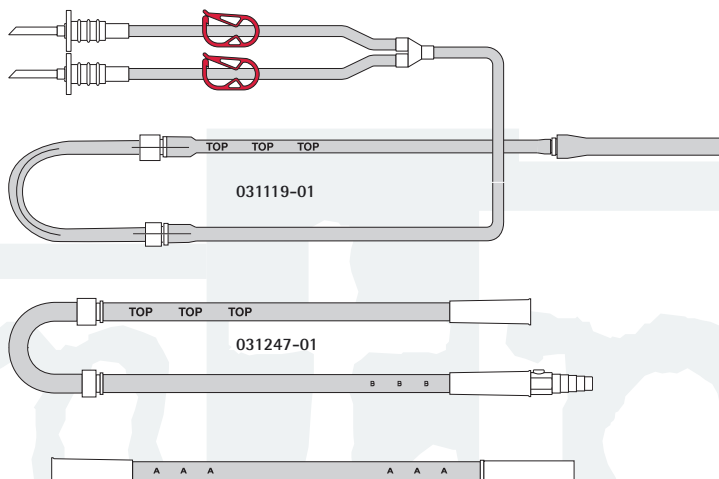


## TUBING SETS FOR KARL STORZ SYSTEMS

### IRRIGATION AND SUCTION TUBING SETS FOR KARL STORZ ENDOMAT® LC

mtp single-use irrigation and suction tubing sets using the KARL STORZ ENDOMAT® LC roller pump system.

**+** simple, rapid and safe handling



#### 031119-10

Single-use tubing set with two puncture needles.  
For use with KARL STORZ ENDOMAT® LC (irrigation).  
Sterile, 10 per pack.



#### 031247-10

Single-use tubing set. For use with KARL STORZ ENDOMAT® LC (suction).  
Sterile, 10 per pack.



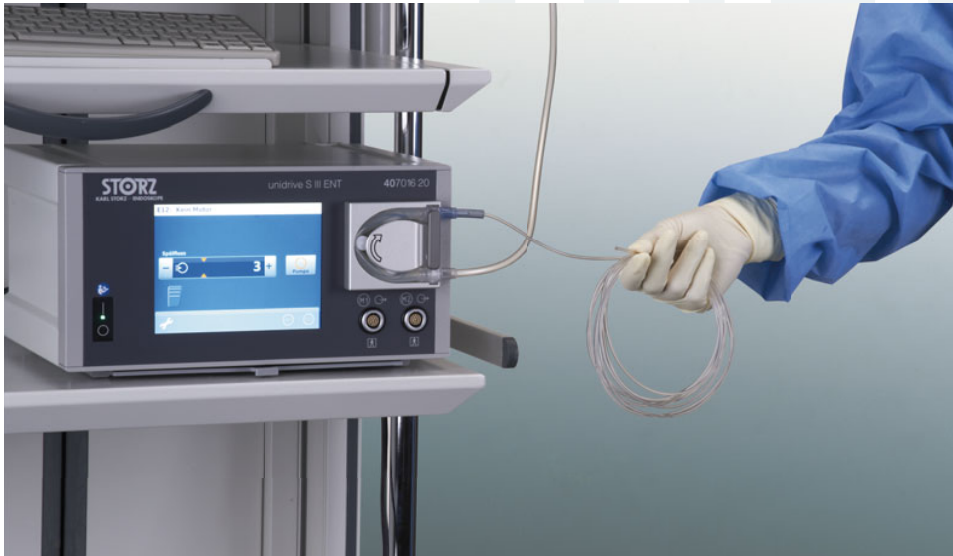
#### Accessory

#### 031151-01

Care-Lock® connector. For use in combination with tubing sets complete with puncture needles.  
Sterile, 1 per pack.







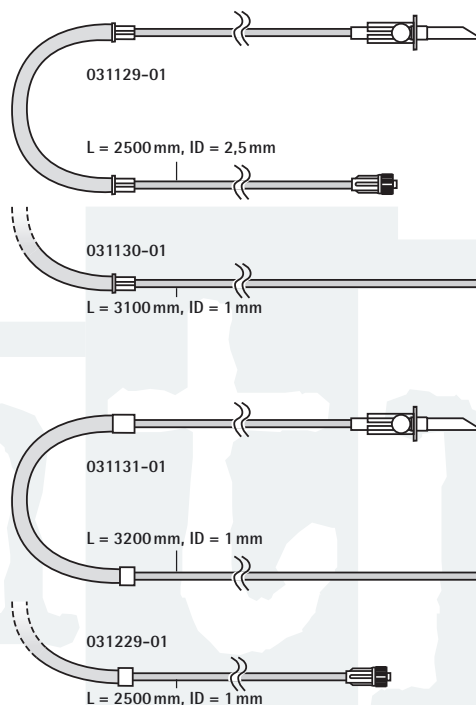
## TUBING SETS FOR KARL STORZ SYSTEMS

### TUBING SETS FOR OTHER KARL STORZ PUMPS

The longer the tube and the smaller its lumen, the harder it is to guarantee resterilization of these tubing systems.

For hygienic reasons, single-use systems are therefore recommended in such cases.

- + simple, rapid and safe handling
- + excellent hygienic safety



#### 031129-10

Single-use tubing set. For use with KARL STORZ CLEARVISION®.

Sterile, 10 per pack.



#### 031130-10

Single-use tubing set. For use with KARL STORZ UNIDRIVE® II plus.

Sterile, 10 per pack.



#### 031131-10

Single-use tubing set. For use with KARL STORZ UNIDRIVE® ENT/ECO/NEURO/OMFS, UNIDRIVE® S III ENT/ECO/NEURO/OMFS.

Sterile, 10 per pack.



#### 031229-10

Single-use tubing set. For use with KARL STORZ CLEARVISION® II.

Sterile, 10 per pack.





## TUBING SETS FOR KARL STORZ SYSTEMS

031132-01

## IRRIGATION/SUCTION TUBING SETS FOR KARL STORZ HANDLES

mtp single-use irrigation/suction tubing sets using the KARL STORZ irrigation/suction handles 30810 resp. 37112 A, 37113 A and 37112 RV.

- + simple, rapid and safe handling
- + excellent hygienic safety
- + connection to further irrigation tubing sets (031134-01 and 031234-01)

### 031132-10

Single-use tubing set. For use with KARL STORZ handle 30810.  
Sterile, 10 per pack.



### 031133-10

Single-use tubing set. For use with KARL STORZ handles 37112 A (straight), 37113 A (pistol-shaped) and 37112 RV.  
Sterile, 10 per pack.



### 031134-10

Single-use tubing set. For use with KARL STORZ handles 37112 A (straight), 37113 A (pistol-shaped) and 37112 RV in combination with irrigation tubing sets with patient-side silicone tube (ID 5 mm).  
Sterile, 10 per pack.



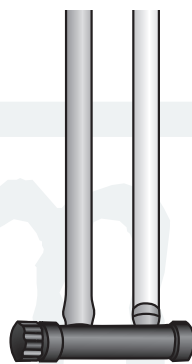
### 031233-10

Single-use tubing set extra long. For use with KARL STORZ handles 37112 A (straight), 37113 A (pistol-shaped) and 37112 RV.  
Sterile, 10 per pack.



### 031234-10

Single-use tubing set extra long. For use with KARL STORZ handles 37112 A (straight), 37113 A (pistol-shaped) and 37112 RV in combination with irrigation tubing sets with patient-side silicone tube (ID 5 mm).  
Sterile, 10 per pack.



031132-01



031133-01  
031233-01



031134-01  
031234-01



## TUBING SETS FOR KARL STORZ SYSTEMS

### IRRIGATION/SUCTION TUBING SETS FOR KARL STORZ HANDLES

The mtp single-use irrigation/suction tubing sets are used together with the KARL STORZ irrigation/suction handles 37112 A (straight), 37113 A (pistol-shaped) and 37112 RV and the KARL STORZ HAMOU® ENDOMAT® 26331020 (031218-01) or ENDOMAT® LC (031219-01).

- + simple, rapid and safe handling
- + excellent hygienic safety
- + saves costs compared to the individual components 031134-01 and 031118-01



#### 031218-10

Single-use complete tubing set with two puncture needles. For use with KARL STORZ handles 37112 A (straight), 37113 A (pistol-shaped) and 37112 RV in combination with KARL STORZ HAMOU® ENDOMAT® 26331020 (laparoscopy). Sterile, 10 per pack.



#### 031219-10

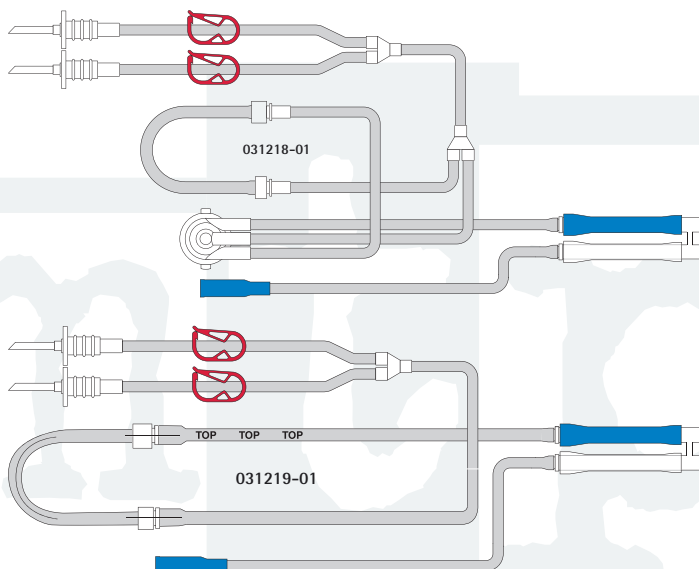
Single-use complete tubing set with two puncture needles. For use with KARL STORZ handles 37112 A (straight), 37113 A (pistol-shaped) and 37112 RV in combination with KARL STORZ ENDOMAT® LC (irrigation). Sterile, 10 per pack.



#### Accessory

##### 031151-01

Care-Lock® connector. For use in combination with tubing sets complete with puncture needles. Sterile, 1 per pack.





## TUBING SETS FOR KARL STORZ SYSTEMS

### ADAPTORS FOR KARL STORZ CADIERE HANDLE 38112 C

mtp single-use adaptors using the KARL STORZ CADIERE handle 38112 C.

- + permits efficient irrigation and suction
- + excellent hygienic safety
- + LUER-Lock connector and option of connection without special connectors
- + ergonomic design

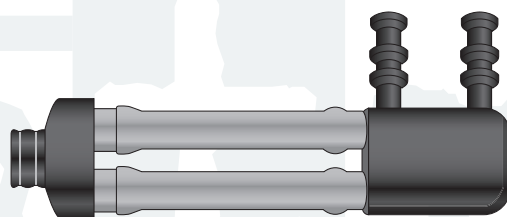
#### 031135-10

Single-use adaptor with LUER-Lock connector and tube olive. For use with KARL STORZ CADIERE handle 38112 C. Sterile, 10 per pack.



#### 031136-10

Single-use adaptor with suction tube as well as LUER-Lock connector and tube olive. For use with KARL STORZ CADIERE handle 38112 C. Sterile, 10 per pack.





## TUBING SETS FOR KARL STORZ SYSTEMS

### IRRIGATION/SUCTION TUBING SETS FOR KARL STORZ B.I.O.H.® COMPACT HYSTEROSCOPE

mtp single-use irrigation/suction tubing sets with Monobloc connector using the KARL STORZ B.I.O.H.® compact hysteroscope.

Through the Monobloc, the irrigation and suction connection can be joined with the B.I.O.H.® compact hysteroscope in one easy step.

- + simple, rapid and safe handling
- + Monobloc connector prevents the confusion of the irrigation and suction connections
- + excellent hygienic safety



#### 031317-10

Single-use tubing set with Monobloc connector and irrigation and suction tube. For use with KARL STORZ B.I.O.H.® compact hysteroscope 26252 BB/BH in combination with KARL STORZ HAMOU® ENDOMAT® 26331020. (Connection to pump only with tubing set 031167-01.) Sterile, 10 per pack.

STERILE  

#### 031417-10

Single-use tubing set with Monobloc connector and irrigation and suction tube with two puncture needles. For use with KARL STORZ B.I.O.H.® compact hysteroscope 26252 BB/BH. Sterile, 10 per pack.

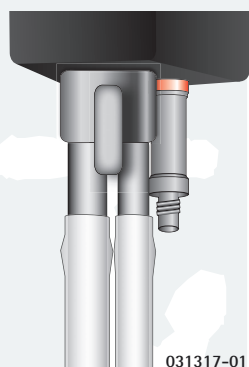
STERILE  

#### Accessory

#### 031151-01

Care-Lock® connector. For use in combination with tubing sets complete with puncture needles. Sterile, 1 per pack.

STERILE 







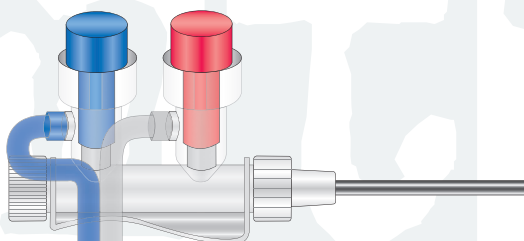
## TUBING SETS FOR KARL STORZ SYSTEMS

### IRRIGATION/SUCTION HANDLES AND IRRIGATION/SUCTION PROBES

The mtp irrigation/suction handle with trumpet valve for laparoscopy is offered as follows:

- 030138-01 • suction tube with irrigation/suction probe (5 mm)
- universal connection for connecting irrigation tubing sets (with patient-side silicone tube ID 5 mm) to the handle for all standard irrigation systems
- 030238-01 • suction tube with irrigation/suction probe (5 mm)
- double tubing system (irrigation and suction) with puncture needle for connection to irrigation liquid bag

- + colour coding  
(blue = irrigation, red = suction)
- + ergonomic design
- + excellent hygienic safety



030238-01

#### 030138-10

Single-use irrigation/suction handle with suction tube and irrigation/suction probe. For use in combination with irrigation tubing sets with patient-side silicone tube (ID 5 mm).

Sterile, 10 per pack.



#### 030238-10

Single-use irrigation/suction handle with irrigation and suction tube and irrigation/suction probe. For use with irrigation liquid bags (without pump).

Sterile, 10 per pack.



#### 030903-10

Single-use irrigation/suction probe Ø 3 mm. Length 250 mm, 4 holes. For use in combination with irrigation/suction handles 030138-01 and 030238-01.

Sterile, 10 per pack.



#### 030905-10

Single-use irrigation/suction probe Ø 5 mm. Length 450 mm, 16 holes. For use in combination with irrigation/suction handles 030138-01 and 030238-01.

Sterile, 10 per pack.



#### 030910-10

Single-use irrigation/suction probe Ø 10 mm. Length 330 mm, 16 holes. For use in combination with irrigation/suction handles 030138-01 and 030238-01.

Sterile, 10 per pack.



#### Accessory

#### 031151-01

Care-Lock® connector. For use in combination with tubing sets complete with puncture needles.

Sterile, 1 per pack.





VACU<sub>SAFE</sub> / ABSAUGUNG

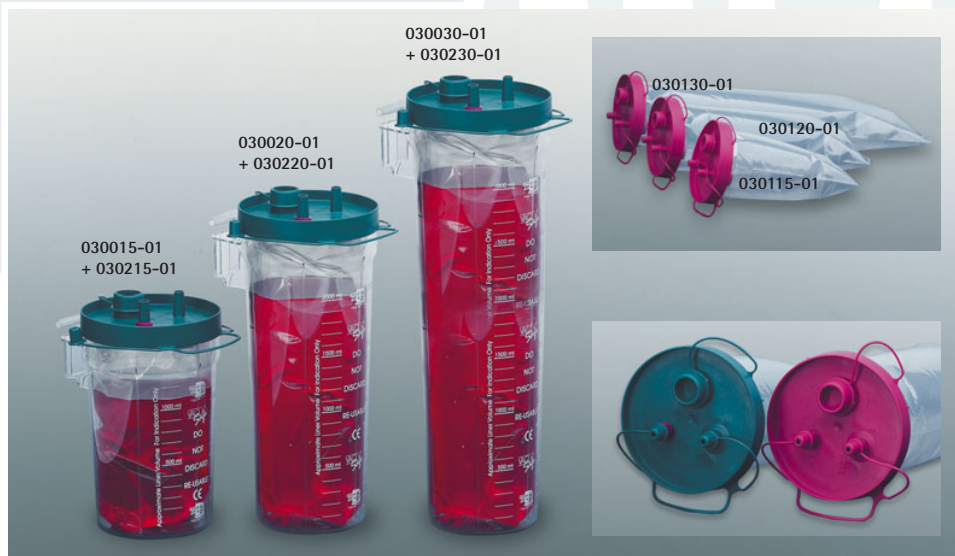
VACU<sub>SAFE</sub> / SUCTION

VACU<sub>SAFE</sub> / ASPIRATION

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VACU<sub>SAFE</sub> / ASPIRACION





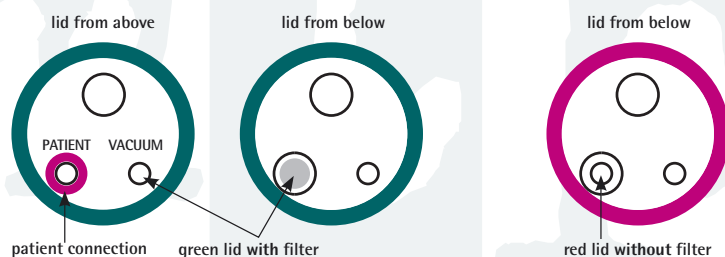
**VACU<sup>®</sup> Safe**  
SUCTION

## VACU Safe SUCTION BOTTLE SYSTEM

The mtp VACU Safe system is available optionally with three re-usable canisters with volumes of 1.5, 2 and 3 l. Matching single-use suction bags in sizes of 1.5, 2 and 3 l, either with filter (green lid) or without filter (red lid) are available for these volumes.

Cascade circuits with up to 5 canisters are possible. Ensure that there is a suction bag with filter (green lid) in the last canister before the suction pump, thus avoiding contamination of the pump.

- +** colour-coded lid and tube adapter makes correct connections easier
- +** no foaming of liquid
- +** high lid brim protects canister against contamination
- +** red ring on green lid shows patient connection



### VACU Safe canister

|                  |                    |
|------------------|--------------------|
| <b>030015-24</b> | 1.5 l; 24 per pack |
| <b>030020-18</b> | 2 l; 18 per pack   |
| <b>030030-12</b> | 3 l; 12 per pack   |



VACU Safe suction bag  
without filter for single use.  
Colour code: red.

|                  |                    |
|------------------|--------------------|
| <b>030115-48</b> | 1.5 l; 48 per pack |
| <b>030120-48</b> | 2 l; 48 per pack   |
| <b>030130-48</b> | 3 l; 48 per pack   |



VACU Safe suction bag  
with filter for single use.  
Colour code: green.

|                  |                    |
|------------------|--------------------|
| <b>030215-48</b> | 1.5 l; 48 per pack |
| <b>030220-48</b> | 2 l; 48 per pack   |
| <b>030230-48</b> | 3 l; 48 per pack   |





patient tube



pump tube



ISO



LUER-Lock



**VACU<sup>®</sup> Safe**  
SUCTION

## TUBING SETS FOR VACU<sup>®</sup>safe SYSTEM

The mtp tubing sets for VACU<sup>®</sup>safe system have the following functions:

- **patient tube:** connection from patient to first canister
- **pump tube:** connects first container on T-joint with suction pump

Cascade circuits with up to 5 canisters are possible. Ensure that there is a suction bag with filter (green lid) in the last canister before the suction pump, thus avoiding contamination of the pump.

✚ colour-coded lid and tube adapter makes correct connections easier

✚ simple, rapid and safe handling

### 030348-10

**VACU<sup>®</sup>safe ISO tubing set**

Consisting of 10 pcs. patient tubes 2.5 m with male LUER-Lock and red multiadaptor, sterile (030248-01) and 1 pc. ISO pump tube 1.5 m with ISO connector and green multiadaptor, non-sterile (030448-01). For use with KARL STORZ UNIMAT<sup>®</sup> 45.



### 030847-10

**VACU<sup>®</sup>safe EXTRA-LARGE LUER-Lock tubing set**

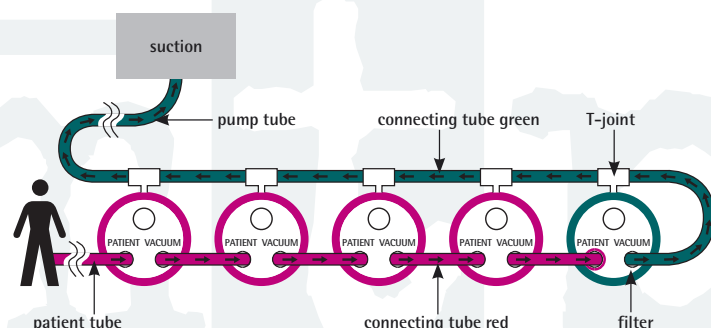
Consisting of 10 pcs. patient tubes 2.5 m with male LUER-Lock and red multiadaptor, sterile (030248-01) and 1 pc. EXTRA-LARGE LUER-Lock pump tube 1.5 m with male LUER-Lock and multiadaptor, non-sterile (030547-01). For use with KARL STORZ HAMOU<sup>®</sup> ENDOMAT<sup>®</sup> 26331120.

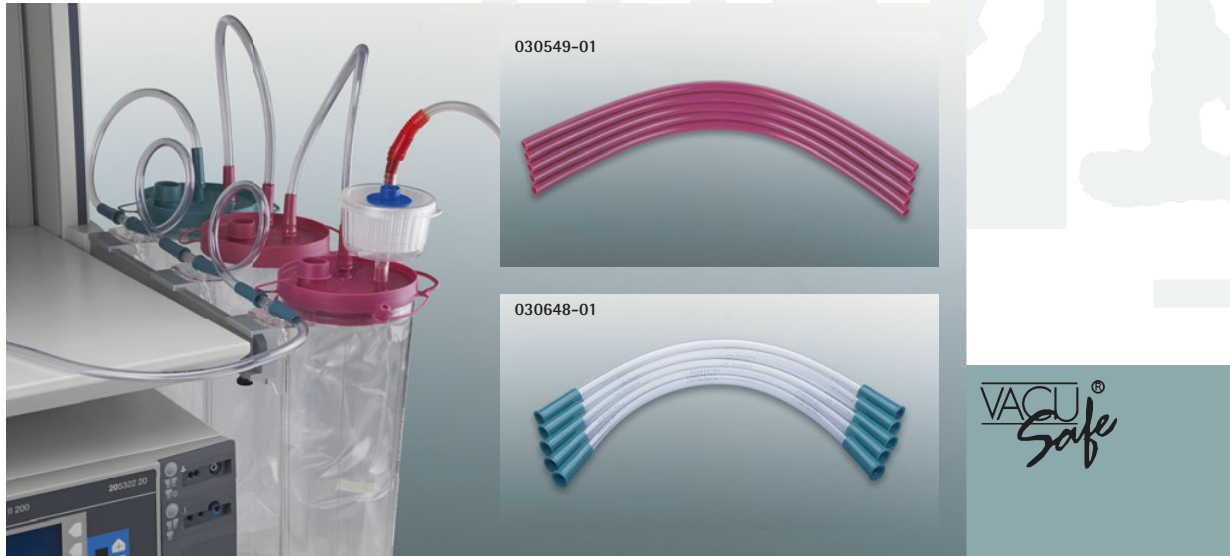


### 030848-10

**VACU<sup>®</sup>safe LUER-Lock tubing set**

Consisting of 10 pcs. patient tubes 2.5 m with male LUER-Lock and red multiadaptor, sterile (030248-01) and 1 pc. LUER-Lock pump tube 1.5 m with male LUER-Lock, female/female LUER-Lock adaptor and green multiadaptor, non-sterile (030948-01). For use with KARL STORZ ARTHRO-PUMP<sup>®</sup> plus, DUOMAT<sup>®</sup>, HAMOU<sup>®</sup> ENDOMAT<sup>®</sup> 26331020, LAPAROMAT<sup>®</sup> and UNIMAT<sup>®</sup> 12.





## TUBES FOR VACUsafe SYSTEM

The mtp connecting tubes for VACUsafe system have the following functions:

- **red connecting tube (single-use):** connects individual single-use suction bags to the lid (with cascade/series connection)
- **green connecting tube (re-usable):** connects last suction bag (green lid) to canister's vacuum connection via T-joint in direction of suction pump

- + colour-coded lid and tube adapter makes correct connections easier
- + simple, rapid and safe handling

### 030548-50

VACUsafe single-use connecting tube 40 cm with red multiadaptors.  
Non-sterile, 50 per pack.



### 030549-50

VACUsafe single-use connecting tube 50 cm. Colour code: red.  
Non-sterile, 50 per pack.



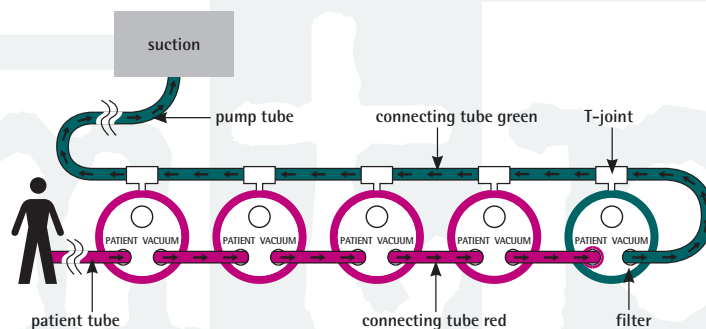
### 030648-10

VACUsafe connecting tube 30 cm with green multiadaptors.  
Non-sterile, 10 per pack.



### 030748-20

VACUsafe single-use suction tube 1.7 m with red and blue multiadaptor.  
Non-sterile, 20 per pack.





**VACU<sup>®</sup>Safe**  
SUCTION

## ACCESSORIES FOR VACUsafe SYSTEM

mtp offers diverse accessory materials for the VACUsafe suction bottle system.

- Tissue trap filter:

In order to trap small tissue fragments and separate them from the suctioned fluid, the use of a tissue trap filter is recommended.

- Granular gelling agent:

The granular gelling agent is used for solidification of liquid medical waste in the suction bag and thus is intended for safe disposal of the bag.

### 030970-10

Single-use tissue trap filter with adaptor. For use with VACUsafe suction bags and other suction bottle systems. Non-sterile, 10 per pack.



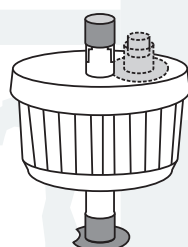
### 030972-04

Gelling agent in 4 kg container with 36 g dosing spoon. For use with VACUsafe suction bottle system and other suction bottle systems (consumption: 36 g/l).



### 030982-200

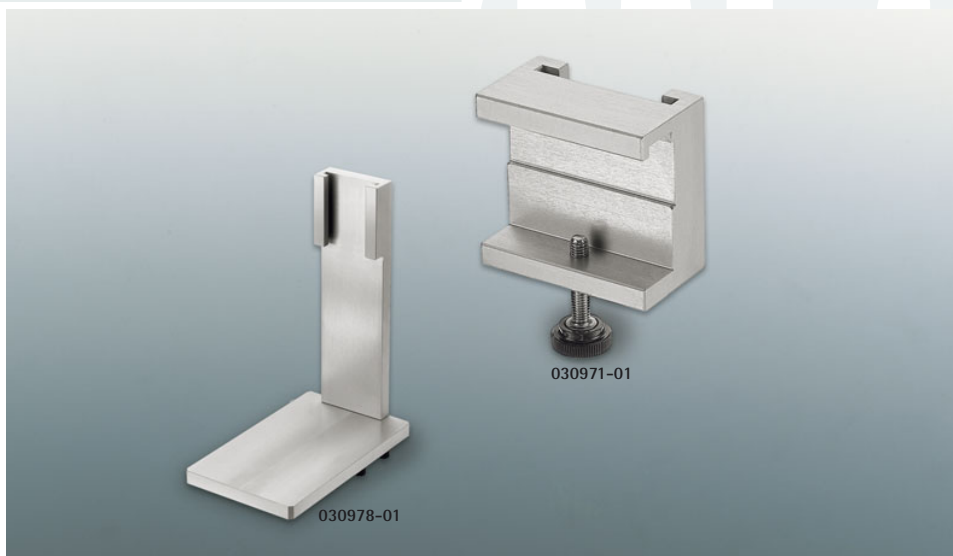
Granular gelling agent in 20 g bag. For use with VACUsafe suction bottle system and other suction bottle systems. 200 per pack.



030970-01



030972-04



**VACU<sup>®</sup> Safe**  
SUCTION

## ACCESSORIES FOR VACUsafe SYSTEM

For the VACUsafe suction bottle system, mtp offers different products for mounting VACUsafe containers:

- canister holders for DIN-type rails and Dräger systems
- canister holders and extension elements for KARL STORZ video carts
- trolleys with or without pressure reducer

### Canister holders

#### 030971-01

VACUsafe canister holder. For use with 25 x 10 mm and 34 x 8 mm rails.  
1 per pack.



#### 030975-01

Canister holder for KARL STORZ video cart. Suitable for up to 5 VACUsafe canisters.  
1 per pack.



#### 030976-02

Extension element for canister holder 030975-01; 5 canisters require 2 extension elements.  
2 per pack.



#### 030978-01

VACUsafe canister holder for 1.5l canister. For use with Dräger systems Cicero, Julian and Primus.  
1 per pack.



### Trolleys

#### 030973-01

Trolley for 4 VACUsafe canisters.



#### 030974-01

Trolley for 4 VACUsafe canisters with pressure reducer, including connecting tube with connector for DIN 13260 hospital vacuum outlets.



### Filters for pressure reducer

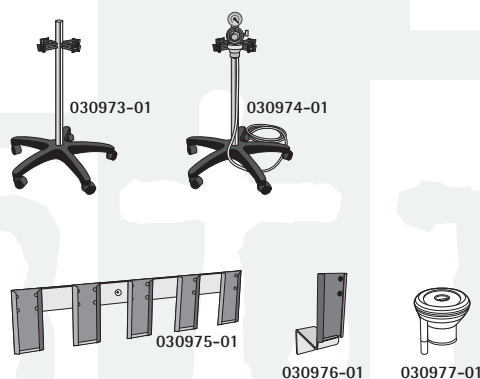
#### 030967-01

Suction controller filter (mtp 030974-01, Oxylitre S750).  
Non-sterile, 1 per pack.



#### 030977-01

Suction controller filter (mtp 030974-01, Penlon 9510-118).  
Non-sterile, 1 per pack.



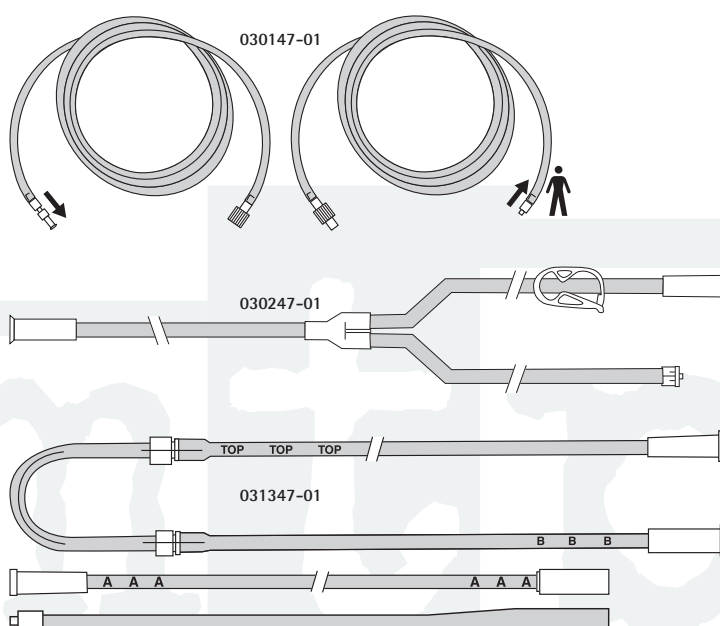


VACU<sup>®</sup>  
Safe  
SUCTION

## TUBING SETS FOR SUCTION

mtp single-use tubing sets offer a hygienically safe and comfortable alternative to reusable tubing systems. They can be used as accessories to suction systems from KARL STORZ and other providers.

- ✚ simultaneous connection of two suction devices on one pump (030247-01)
- ✚ simple, rapid and safe handling



### 030147-10

Single-use tubing set for suction, consisting of patient tube and pump tube. For use with KARL STORZ suction as well as suction and irrigation pumps and suction bottle cap 20300034.

Sterile, 10 per pack.



### 030247-10

Single-use Y-tubing set for suction. For use with resectoscopes, collection bags and other suction instruments.

Sterile, 10 per pack.



### 031347-10

Single-use tubing set for suction. For use with KARL STORZ UROMAT and CALCUSON.

Sterile, 10 per pack.







VACU<sup>®</sup>  
*Safe*  
SUCTION

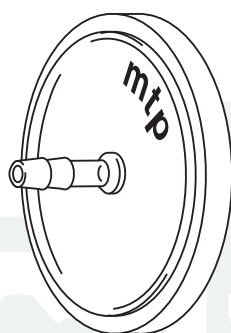
## FILTER TO BLOCK FLUID DURING SUCTION

The mtp filter 031124-01 can be used with all suction pumps with suitable connections. Optimal use with KARL STORZ glass bottles.

- + prevention of contamination of the suction unit
- + simple, rapid and safe handling

### 031124-10

Single-use filter for use in fluid suction – specially adapted. Connection on bottle side with special connection, connection on unit side with cone. For use with all currently available suction pumps with tube connections. Approved and tested accessory for KARL STORZ ARTHROPUMP<sup>®</sup> plus, HAMOU<sup>®</sup> ENDOMAT<sup>®</sup>, LAPAROMAT<sup>®</sup>, UNIMAT<sup>®</sup>/UNIMAT<sup>®</sup> 12, UNIMAT<sup>®</sup> 45, UNIMAT<sup>®</sup> plus/DUOMAT<sup>®</sup> and UROMAT/UROPUMP. Non-sterile, 10 per pack.



- Connection unit-side:
- Connection bottle-side:
- Hydrophobicity:
- Casing material:
- Filter material:
- Pore size:

cone  
special connection  
hydrophobic on both sides  
Polypropylene  
PTFE  
1.0 µm





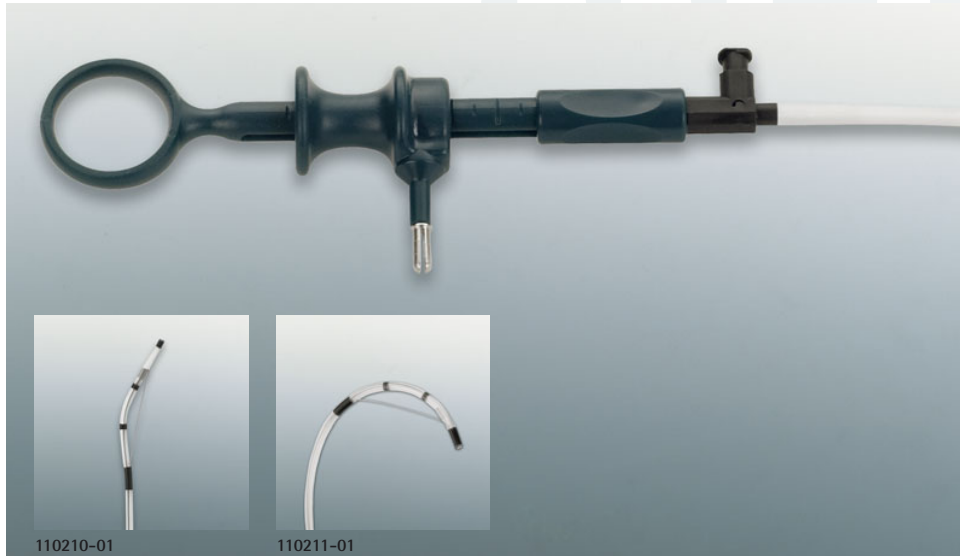
GASTROENTEROLOGIE

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## GASTROENTEROLOGY

### PAPILLOTOMES WITH KARL STORZ HF CONNECTOR

These instruments are for use during duodenoscopy.

The mtp papillotomes open the Ampulla of Vater by means of HF current.

- ✚ suitable for guide wire (double lumen)
- ✚ X-ray resistant tip
- ✚ simplified positioning through pre-formed tip
- ✚ approved and tested accessory by KARL STORZ

#### 110210-05

Single-use papillotome. Filiform, cutting wire 25 mm, including handle, working length 200 cm, KARL STORZ HF connector. For use with flexible endoscopes with a working channel of Ø 2.2 mm or larger.

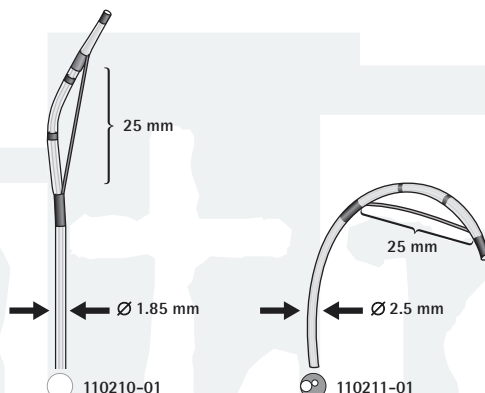
Sterile, 5 per pack.



#### 110211-05

Single-use papillotome. Filiform, double lumen, cutting wire 25 mm, for 0.035" guide wire, including handle, working length 200 cm, KARL STORZ HF connector. For use with flexible endoscopes with a working channel of Ø 2.8 mm or larger.

Sterile, 5 per pack.



#### Legend:

- single lumen
- double lumen



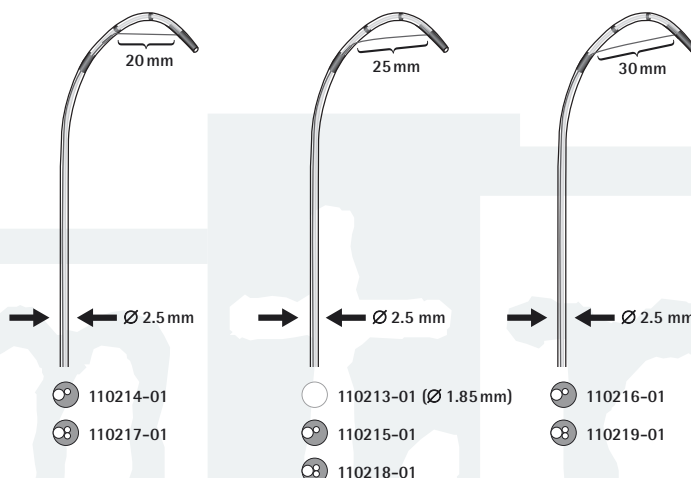
## GASTROENTEROLOGY

### PAPILLOTOMES WITH STANDARD HF CONNECTOR

These instruments are for use during duodenoscopy.

The mtp papillotomes open the Ampulla of Vater by means of HF current.

- +** suitable for guide wire (double and triple lumen)
- +** X-ray resistant tip
- +** simplified positioning through pre-formed tip



Legend:

- single lumen
- double lumen
- triple lumen

#### 110213-05

Single-use papillotome. Filiform, cutting wire 25 mm, including handle, working length 200 cm, standard HF connector. For use with flexible endoscopes with a working channel of Ø 2.2 mm or larger. Sterile, 5 per pack.



#### 110214-05

Single-use papillotome. Filiform, double lumen, cutting wire 20 mm, for 0.035" guide wire, including handle, working length 200 cm, standard HF connector. For use with flexible endoscopes with a working channel of Ø 2.8 mm or larger.

#### 110215-05

Single-use papillotome. Filiform, double lumen, cutting wire 25 mm, for 0.035" guide wire, including handle, working length 200 cm, standard HF connector. For use with flexible endoscopes with a working channel of Ø 2.8 mm or larger.

#### 110216-05

Single-use papillotome. Filiform, double lumen, cutting wire 30 mm, for 0.035" guide wire, including handle, working length 200 cm, standard HF connector. For use with flexible endoscopes with a working channel of Ø 2.8 mm or larger.

#### 110217-05

Single-use papillotome. Filiform, triple lumen, cutting wire 20 mm, for 0.035" guide wire, including handle, working length 200 cm, standard HF connector. For use with flexible endoscopes with a working channel of Ø 2.8 mm or larger.

#### 110218-05

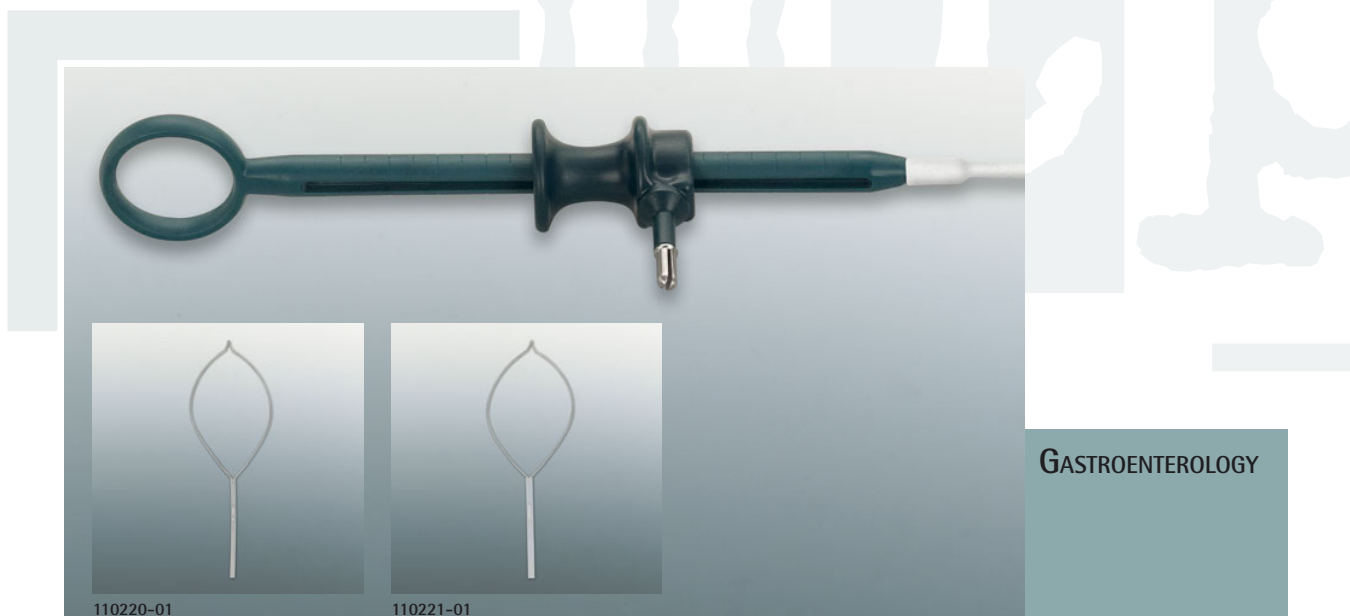
Single-use papillotome. Filiform, triple lumen, cutting wire 25 mm, for 0.035" guide wire, including handle, working length 200 cm, standard HF connector. For use with flexible endoscopes with a working channel of Ø 2.8 mm or larger.

#### 110219-05

Single-use papillotome. Filiform, triple lumen, cutting wire 30 mm, for 0.035" guide wire, including handle, working length 200 cm, standard HF connector. For use with flexible endoscopes with a working channel of Ø 2.8 mm or larger.

ALL, except 110213-05:  
Sterile, 5 per pack.





## POLYPECTOMY SNARES WITH KARL STORZ HF CONNECTOR

The mtp polypectomy snares use high-frequency current to remove polyps or tissue in the gastrointestinal tract.

- +** smooth, flexible snare cord makes even cutting and coagulation possible
- +** high level of safety due to secure fixation between snare wire and handle
- +** approved and tested accessory by KARL STORZ

### 110220-10

Single-use oval polypectomy snare. Ø 30 mm, working length 180 cm, KARL STORZ HF connector. For use with flexible endoscopes with a working channel of Ø 2.0 mm or larger.

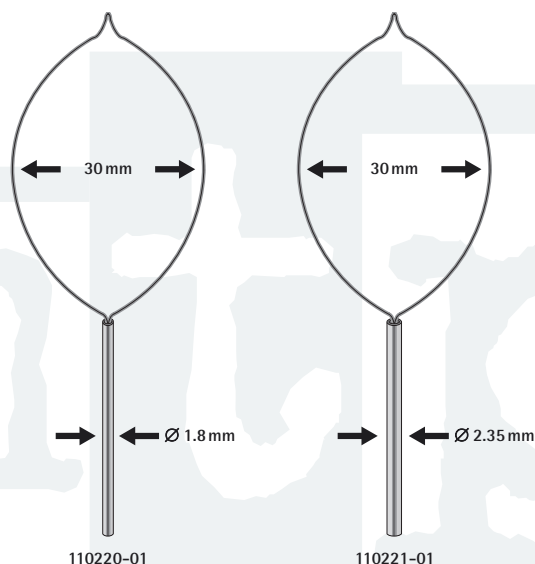
Sterile, 10 per pack.

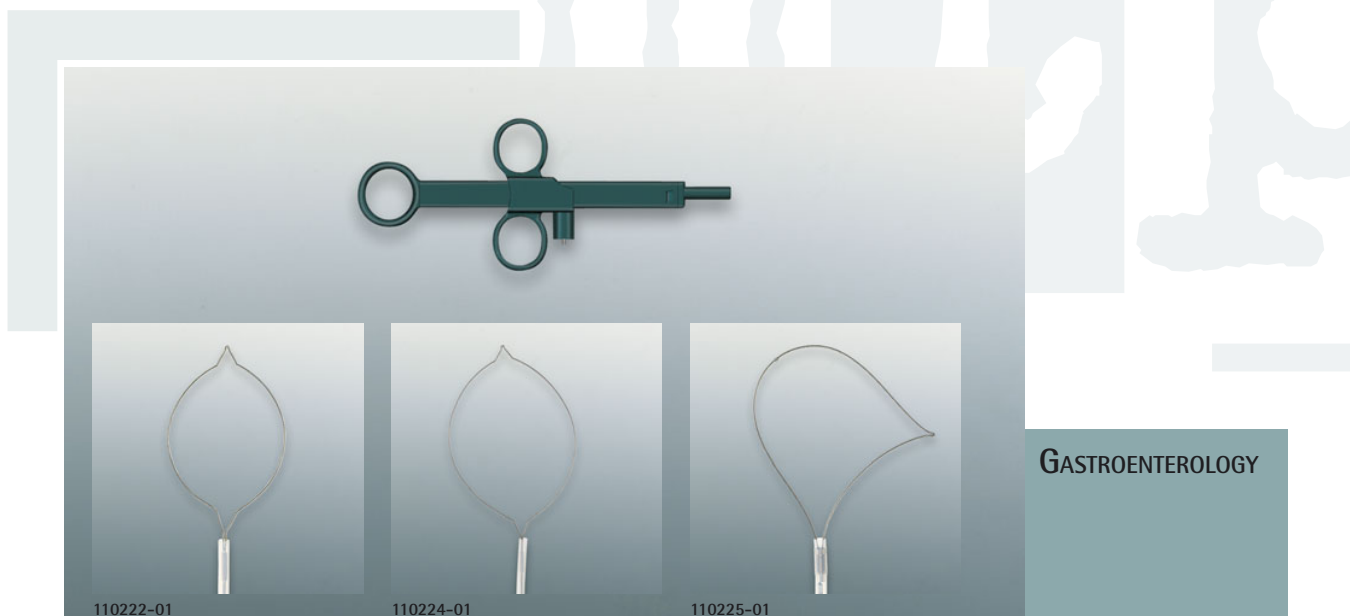


### 110221-10

Single-use oval polypectomy snare. Ø 30 mm, working length 230 cm, KARL STORZ HF connector. For use with flexible endoscopes with a working channel of Ø 2.8 mm or larger.

Sterile, 10 per pack.





## POLYPECTOMY SNARES WITH STANDARD HF CONNECTOR

The mtp polypectomy snares use high-frequency current to remove polyps or tissue in the gastrointestinal tract.

- +** smooth, flexible snare cord makes even cutting and coagulation possible
- +** high level of safety due to secure fixation between snare wire and handle

### 110222-10

Single-use oval polypectomy snare. Ø 20 mm, working length 230 cm, standard HF connector. For use with flexible endoscopes with a working channel of Ø 2.8 mm or larger.

Sterile, 10 per pack.



### 110224-10

Single-use oval polypectomy snare. Ø 30 mm, working length 230 cm, standard HF connector. For use with flexible endoscopes with a working channel of Ø 2.8 mm or larger.

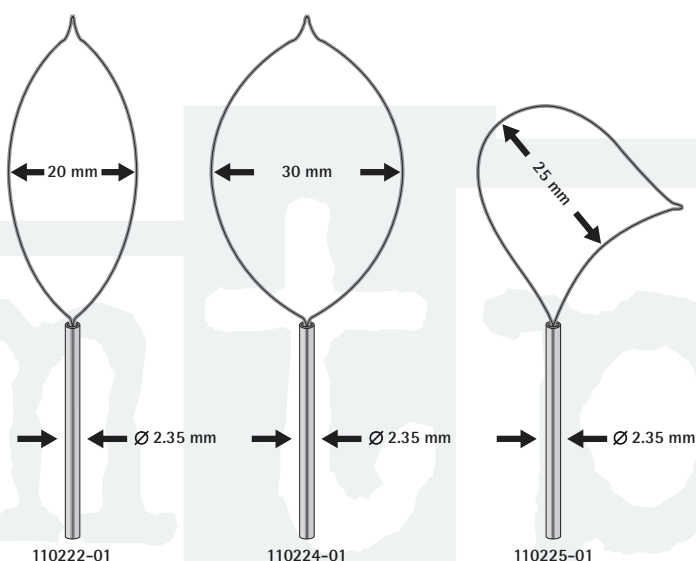
Sterile, 10 per pack.



### 110225-10

Single-use asymmetrical polypectomy snare. Ø 25 mm, working length 230 cm, standard HF connector. For use with flexible endoscopes with a working channel of Ø 2.8 mm or larger.

Sterile, 10 per pack.





## GASTROENTEROLOGY

### INJECTION NEEDLES FOR SCLEROTHERAPY

For gastroenterological use with flexible gastroscopes and colonoscopes.

The mtp single-use injection needles are used for sclerosing esophageal varices, as well as the submucosal injection of polyps.

- +** protects against biopsy channel perforation (retaining ring)
- +** locking screw for constant needle length
- +** also usable with thin mucous membrane tissue through 21° special cut

#### 110230-10

Single-use injection needle in plastic tube. Needle Ø 0.7 mm, needle length 6 mm, working length 180 cm. For use with flexible endoscopes with a working channel of Ø 2.6 mm or larger. Sterile, 10 per pack.



#### 110231-10

Single-use injection needle in plastic tube. Needle Ø 0.7 mm, needle length 6 mm, working length 230 cm. For use with flexible endoscopes with a working channel of Ø 2.6 mm or larger. Sterile, 10 per pack.



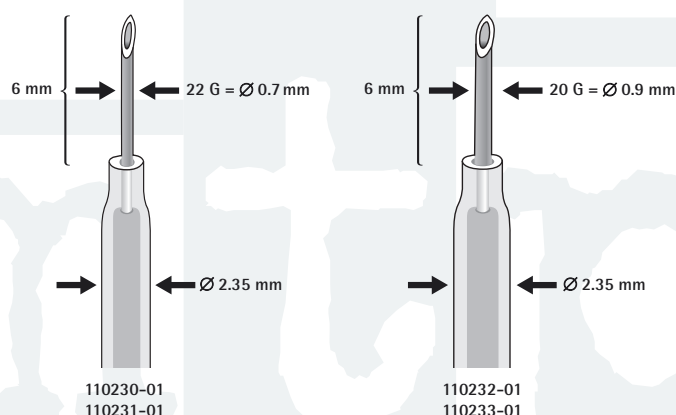
#### 110232-10

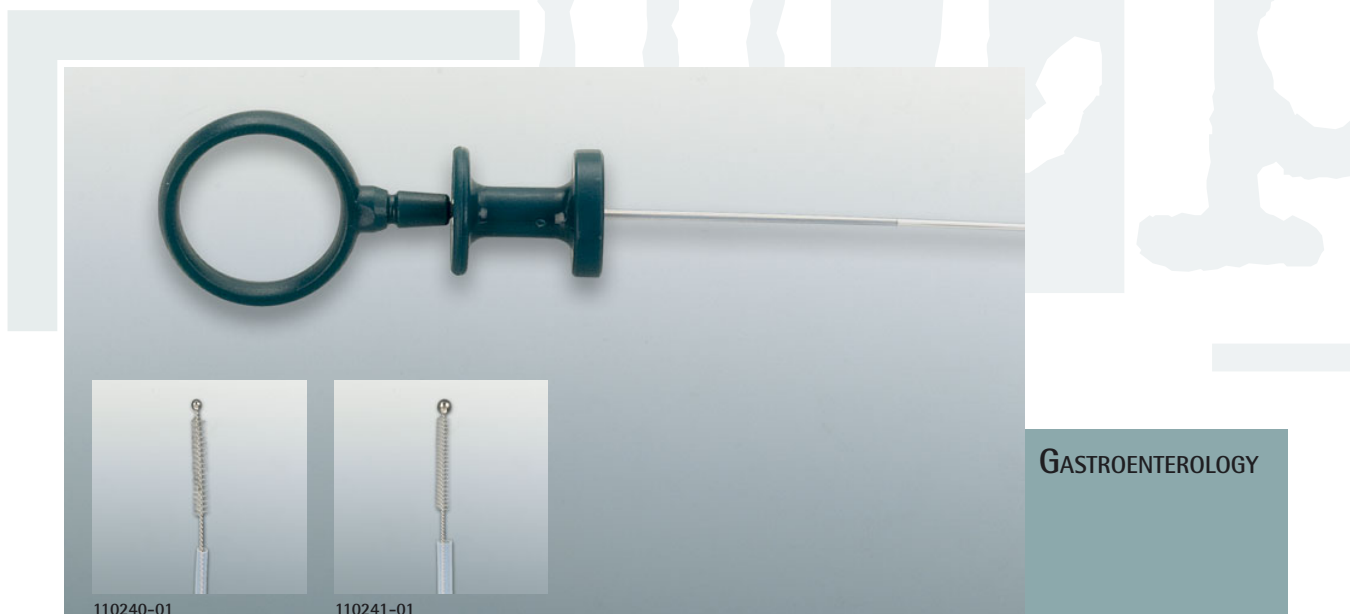
Single-use injection needle in plastic tube. Needle Ø 0.9 mm, needle length 6 mm, working length 180 cm. For use with flexible endoscopes with a working channel of Ø 2.6 mm or larger. Sterile, 10 per pack.



#### 110233-10

Single-use injection needle in plastic tube. Needle Ø 0.9 mm, needle length 6 mm, working length 230 cm. For use with flexible endoscopes with a working channel of Ø 2.6 mm or larger. Sterile, 10 per pack.





## CYTOLOGY BRUSHES

For gastroenterological use with flexible gastroscopes and colonoscopes.

The mtp cytology brushes are used to collect cell samples by means of smear.

**+** spherical head for sealing off the tube  
(prevents contamination)

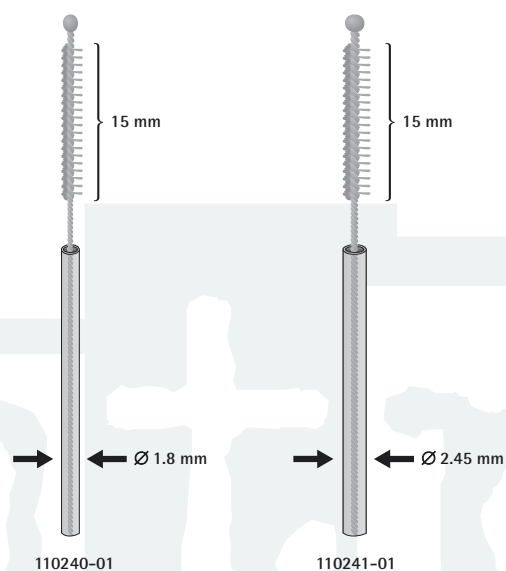
### 110240-10

Single-use cytology brush. Working length 180 cm.  
For use with flexible endoscopes with a working channel  
of  $\varnothing$  2.0 mm or larger.  
Sterile, 10 per pack.



### 110241-10

Single-use cytology brush. Working length 230 cm.  
For use with flexible endoscopes with a working channel  
of  $\varnothing$  2.8 mm or larger.  
Sterile, 10 per pack.







## ERCP CATHETER AND SPRAY CATHETERS

The ERCP catheter is used to create an X-ray image of the biliary ducts using a duodenoscope.

The axial spray catheters are used in chromoendoscopy and are designed for use with flexible gastroscopes and colonoscopes.

- ✚ suitable for guide wire (ERCP catheter)
- ✚ X-ray resistant tip (ERCP catheter)
- ✚ mandrel for anti-kink protection (ERCP and spray catheter)

### 110260-05

Single-use ERCP catheter. Filiform, with x-ray ring, double LUER-Lock connector and mandrel, for 0.035" guide wire, working length 200 cm. For use with flexible endoscopes with a working channel of Ø 2.0 mm or larger. Sterile, 5 per pack.



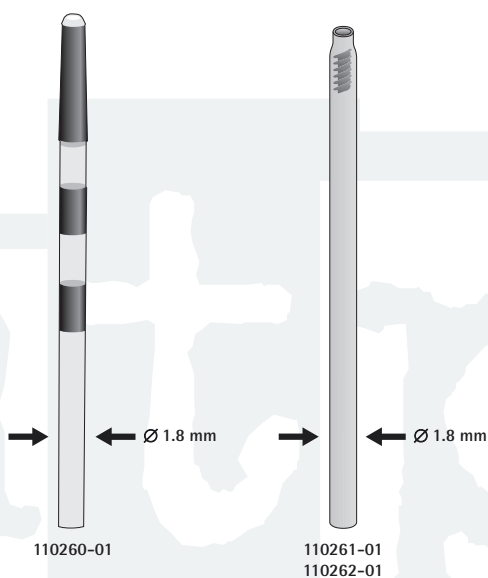
### 110261-10

Single-use spray catheter. Axial atomization, working length 180 cm. For use with flexible endoscopes with a working channel of Ø 2.0 mm or larger. Sterile, 10 per pack.



### 110262-10

Single-use spray catheter. Axial atomization, working length 230 cm. For use with flexible endoscopes with a working channel of Ø 2.0 mm or larger. Sterile, 10 per pack.



110270-01 / 110271-01

110272-01 / 110273-01

110274-01

## BIOPSY FORCEPS

The mtp biopsy forceps aid in the removal of tissue samples during gastroscopy, colonoscopy and bronchoscopy.

- + optimized removal of tissue through fenestrated cups
- + one-hand grip with rotating thumb hole
- + forceps with needle offer excellent anchorage of tissue
- + hygienically and functionally safe

### 110270-10

Single-use biopsy forceps. With oval cup and needle, working length 180 cm. For use with flexible endoscopes with a working channel of Ø 2.8 mm or larger. Sterile, 10 per pack.



### 110271-10

Single-use biopsy forceps. With oval cup and needle, working length 230 cm. For use with flexible endoscopes with a working channel of Ø 2.8 mm or larger. Sterile, 10 per pack.



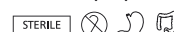
### 110272-10

Single-use biopsy forceps. With oval cup, working length 180 cm. For use with flexible endoscopes with a working channel of Ø 2.8 mm or larger. Sterile, 10 per pack.



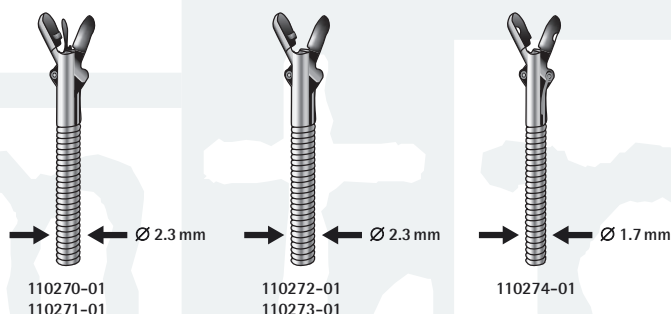
### 110273-10

Single-use biopsy forceps. With oval cup, working length 230 cm. For use with flexible endoscopes with a working channel of Ø 2.8 mm or larger. Sterile, 10 per pack.



### 110274-10

Single-use biopsy forceps. With oval cup, working length 120 cm. For use with flexible endoscopes with a working channel of Ø 2.0 mm or larger. Sterile, 10 per pack.



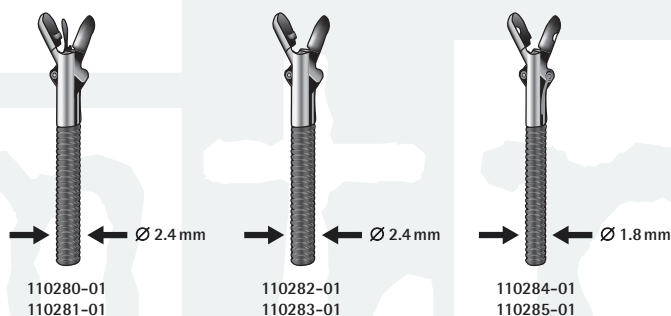


## GASTROENTEROLOGY

### COATED BIOPSY FORCEPS

The mtp biopsy forceps aid in the removal of tissue samples during gastroscopy, colonoscopy and bronchoscopy.

- ✚ optimized removal of tissue through fenestrated cups
- ✚ one-hand grip with rotating thumb hole as well as color coding for diameter (blue = 2.0 mm, yellow = 2.8 mm)
- ✚ forceps with needle offer excellent anchorage of tissue
- ✚ hygienically and functionally safe



#### 110280-10

Single-use biopsy forceps. With oval cup and needle, coated, working length 180 cm. For use with flexible endoscopes with a working channel of Ø 2.8 mm or larger.

Sterile, 10 per pack.



#### 110281-10

Single-use biopsy forceps. With oval cup and needle, coated, working length 230 cm. For use with flexible endoscopes with a working channel of Ø 2.8 mm or larger.

Sterile, 10 per pack.



#### 110282-10

Single-use biopsy forceps. With oval cup, coated, working length 180 cm. For use with flexible endoscopes with a working channel of Ø 2.8 mm or larger.

Sterile, 10 per pack.



#### 110283-10

Single-use biopsy forceps. With oval cup, coated, working length 230 cm. For use with flexible endoscopes with a working channel of Ø 2.8 mm or larger.

Sterile, 10 per pack.



#### 110284-10

Single-use biopsy forceps. With oval cup, coated, working length 120 cm. For use with flexible endoscopes with a working channel of Ø 2.0 mm or larger.

Sterile, 10 per pack.

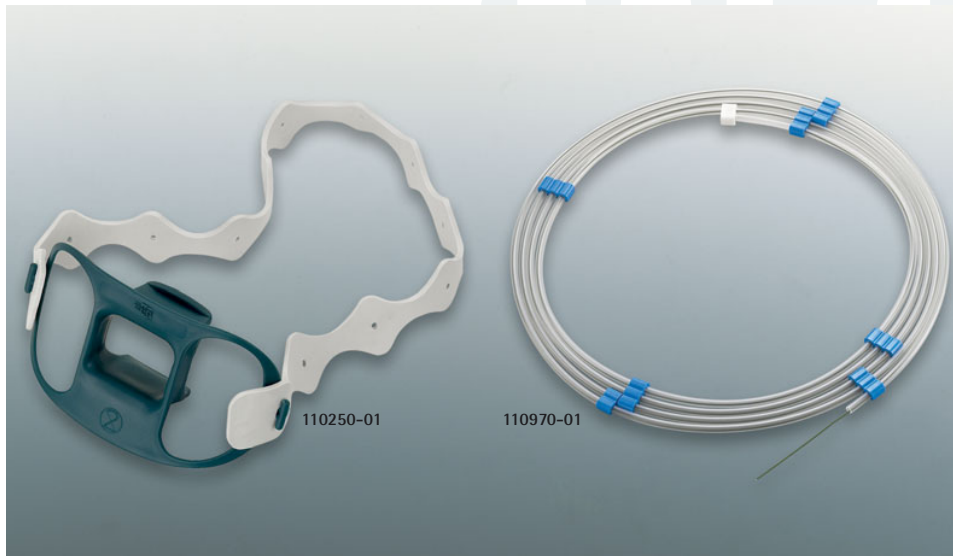


#### 110285-10

Single-use biopsy forceps. With oval cup, coated, working length 160 cm. For use with flexible endoscopes with a working channel of Ø 2.0 mm or larger.

Sterile, 10 per pack.





## GASTROENTEROLOGY

### ADDITIONAL ACCESSORIES FOR GASTROENTEROLOGY

The mtp bite protector provides protection for the flexible endoscope during gastroscopy.

The mtp guide wire with stainless steel core and a diameter of 0.035" can be used with the double and triple lumen papillotomes and the ERCP catheter from mtp.

#### 110250-100

Single-use bite protector. Dark-green, with rubber strap. Non-sterile, 100 per pack.



#### 110970-05

Single-use guide wire 0.035". Straight flexible tip, other side rigid, PTFE coated, dispenser, length 300 cm. Sterile, 5 per pack.

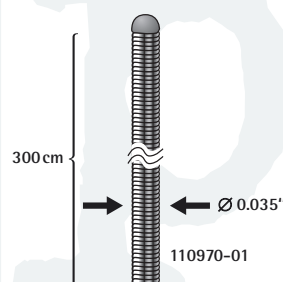
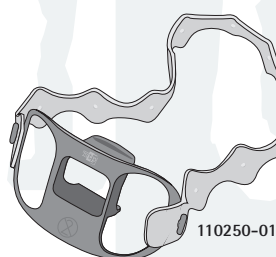


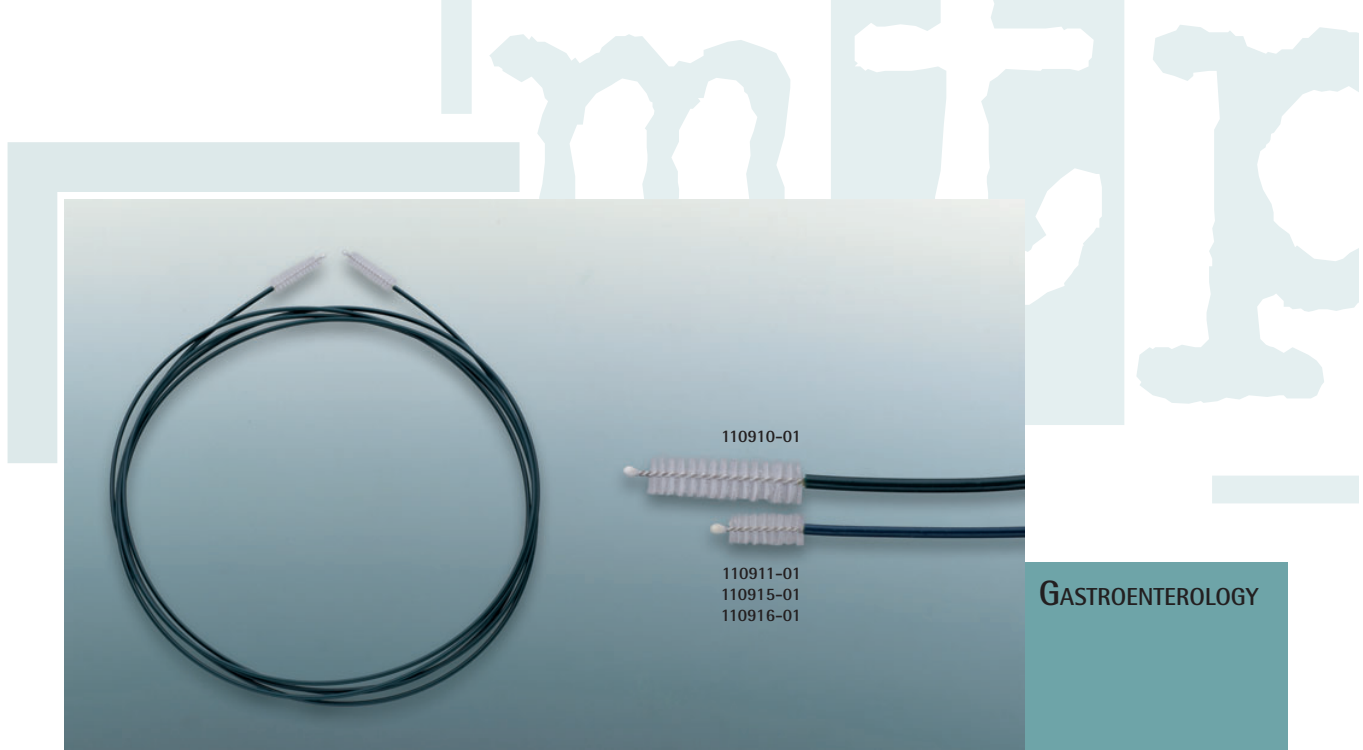
#### Bite protector:

- ✚ easy attachment using wide, latex-free, adjustable rubber strap
- ✚ side openings offering additional manipulation if required
- ✚ atraumatic and patient-friendly concave shape

#### Guide wire:

- ✚ good visibility of the guide wire under X-ray
- ✚ LubriSkin™ surface provides non-stick wire enabling easy movement





## CLEANING BRUSHES

The mtp single-use cleaning brushes are intended for mechanical precleaning of the working channels of flexible endoscopes.

- +** rounded tips to protect the endoscope from damage
- +** excellent hygienic safety due to double-sided brush and single-use product

| article no.<br>(REF) | for working channels<br>Ø | brush<br>Ø | length |
|----------------------|---------------------------|------------|--------|
| 110910-50            | 2.8 mm – 4.2 mm           | 5.0 mm     | 220 cm |
| 110911-50            | 2.0 mm – 2.3 mm           | 3.0 mm     | 130 cm |
| 110915-50            | 2.0 mm – 2.3 mm           | 3.0 mm     | 220 cm |
| 110916-50            | 2.0 mm – 2.3 mm           | 3.0 mm     | 100 cm |
| 110917-50            | 1.2 mm                    | 1.5 mm     | 220 cm |
| 110918-50            | 1.2 mm                    | 1.5 mm     | 120 cm |

### 110910-50

Single-use cleaning brush. With double-sided brush, length 220 cm, brush diameter 5.0 mm. For use with flexible endoscopes with working channel diameters ranging from 2.8 mm to 4.2 mm.

### 110911-50

Single-use cleaning brush. With double-sided brush, length 130 cm, brush diameter 3.0 mm. For use with flexible endoscopes with working channel diameters ranging from 2.0 mm to 2.3 mm.

### 110915-50

Single-use cleaning brush. With double-sided brush, length 220 cm, brush diameter 3.0 mm. For use with flexible endoscopes with working channel diameters ranging from 2.0 mm to 2.3 mm.

### 110916-50

Single-use cleaning brush. With double-sided brush, length 100 cm, brush diameter 3.0 mm. For use with flexible endoscopes with working channel diameters ranging from 2.0 mm to 2.3 mm.

### 110917-50

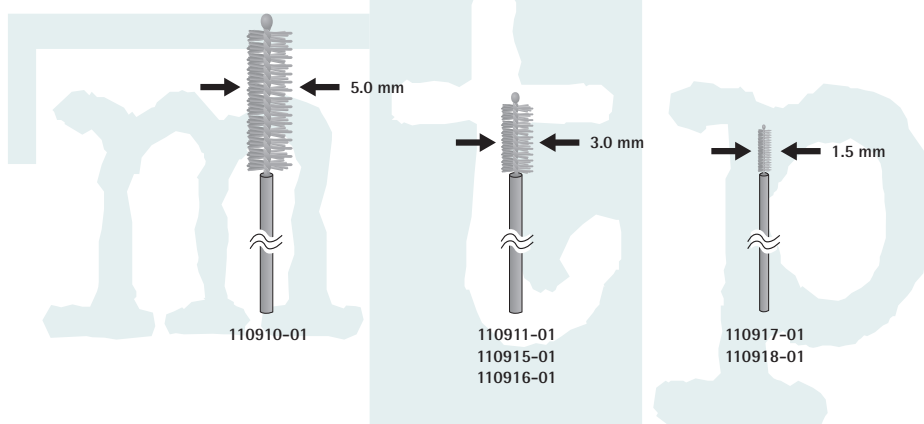
Single-use cleaning brush. With double-sided brush, length 220 cm, brush diameter 1.5 mm. For use with flexible endoscopes with a working channel of Ø 1.2 mm.

### 110918-50

Single-use cleaning brush. With double-sided brush, length 120 cm, brush diameter 1.5 mm. For use with flexible endoscopes with a working channel of Ø 1.2 mm.

ALL:

Non-sterile, 50 per pack.





WEITERE PRODUKTE

FURTHER PRODUCTS

AUTRES PRODUITS

ALTRI PRODOTTI

OTROS PRODUCTOS



## FURTHER PRODUCTS

### FINRAY FORCEPS INSERT

The sterile mtp FinRay forceps insert is an optimal tool for dissecting and grasping sensitive tissue in a safe and atraumatic manner. It is not approved for use with HF current!

Resulting from millions of years of evolution, the proven and optimized structure of a fish fin provided the inspiration for the design of this bionic forceps insert. Applying this bionic principle reduces the risk of tissue injury or damage to a minimum as compared to standard forceps.

The FinRay forceps insert is compatible with CLICKLINE outer sheaths in size 10 mm and CLICKLINE handles from KARL STORZ.

#### 081110-10

Single-use FinRay forceps insert. Size 10 mm, working length 36 cm. For use with KARL STORZ CLICKLINE sheaths and handles in combination with 10 mm trocars. Sterile, 10 per pack.

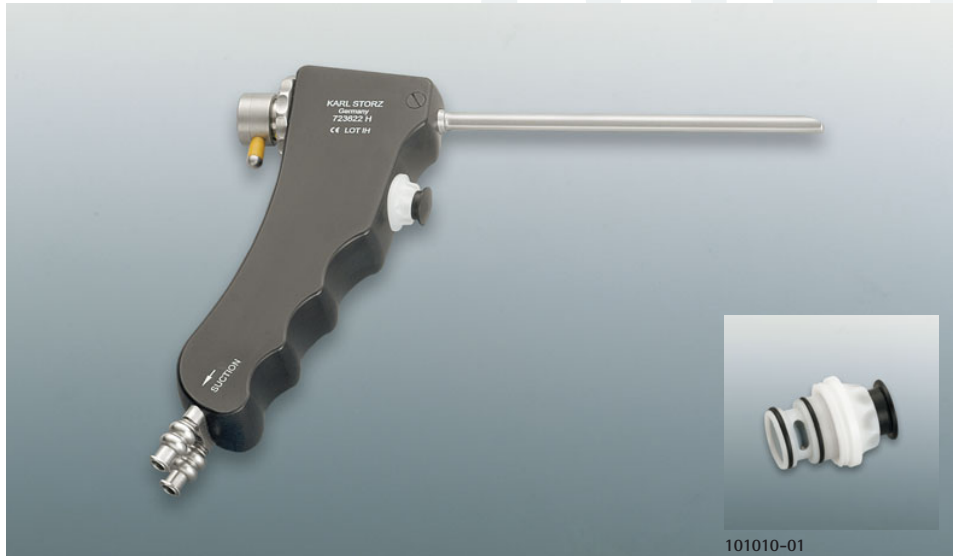
STERILE



- +** atraumatic jaws
  - ➡ allows manipulation of even very sensitive tissue
- +** optimal force distribution allows careful power transmission
  - ➡ fast and safe manipulation saves time
- +** finger-like grasping mechanism
  - ➡ in contrast to conventional forceps, reverse closing mechanism (closes from front to back) allows precise grasping of various tissue surfaces
- +** high degree of ergonomics when used in combination with the KARL STORZ CLICKLINE system







## FURTHER PRODUCTS

## PUSH-BUTTON PRESSURE VALVE

The mtp push-button pressure valve is used with the KARL STORZ irrigation and suction handles 723620 H and 723622 H for the ENT area, as well as 28161 TH and 28161 JH for neurology.

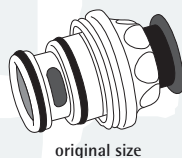
The continuous suction can be interrupted and the irrigation function activated by pressing the valve button.

### 101010-10

Single-use push-button pressure valve. For use with KARL STORZ irrigation and suction handles 723620 H and 723622 H for ENT and 28161 TH and 28161 JH for NEURO. Sterile, 10 per pack.



- + easy application
- + excellent hygienic safety
- + approved and tested accessory  
by KARL STORZ





## FURTHER PRODUCTS

## CUTTER Ø 11 MM / Ø 15 MM FOR KARL STORZ ROTOCUT G1/G2

The mtp single-use cutters are for use with the KARL STORZ Morcellator ROTOCUT G1/G2.

They are used both in gynaecologic laparoscopy and in urology for nephrectomy.

- + clear colour marks for attribution of cutter and outer tube
- + perfect cutting features
- + additional working length for obese patients
- + approved and tested accessory by KARL STORZ

### 091112-05

Single-use cutter. Ø 11 mm, working length 9.5 cm, colour code: red. For use with KARL STORZ ROTOCUT G1/G2.

### 091115-05

Single-use cutter. Ø 15 mm, working length 9.5 cm, colour code: black. For use with KARL STORZ ROTOCUT G1/G2.

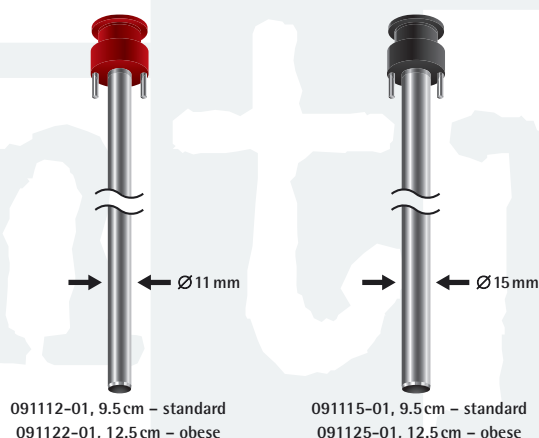
### 091122-05

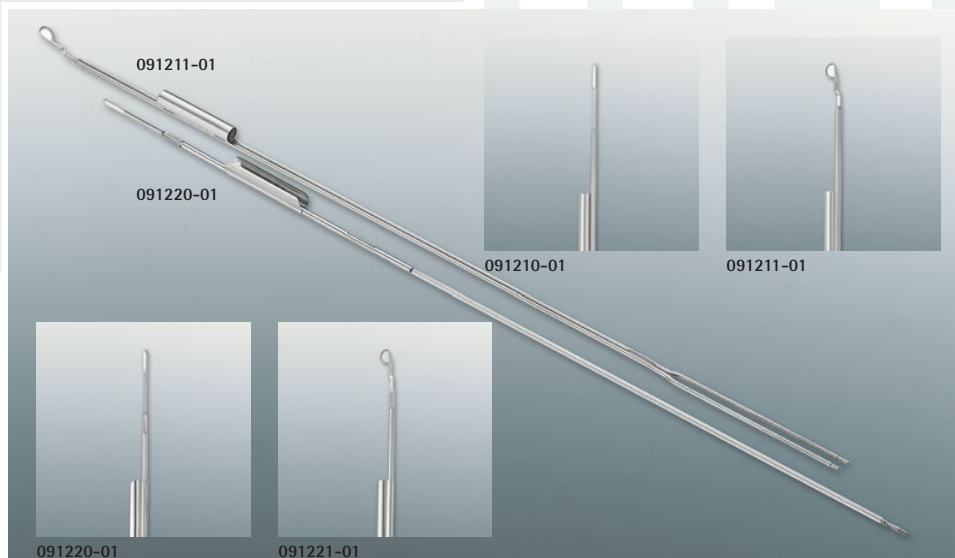
Single-use cutter. Ø 11 mm, working length 12.5 cm, colour code: red. For use with KARL STORZ ROTOCUT G1/G2.

### 091125-05

Single-use cutter. Ø 15 mm, working length 12.5 cm, colour code: black. For use with KARL STORZ ROTOCUT G1/G2.

ALL:  
Sterile, 5 per pack.





## FURTHER PRODUCTS

# URETHROTOME COLD KNIVES FOR KARL STORZ OPTICAL URETHROTOME SYSTEMS

The mtp urethrotome cold knives with one or two guide rods are the suitable single-use products to KARL STORZ optical urethrotome systems for urology. The cold knives are not permitted for use with HF current!

These sterile urethrotome cold knives are compatible with KARL STORZ working elements 27040 E (2 guide rods) resp. 27050 E (1 guide rod).

- +** perfect cutting features
- +** excellent hygienic safety
- +** approved and tested accessories by  
KARL STORZ for KARL STORZ optical  
urethrotome systems

### 091210-10

Single-use SACHSE cold knife. Straight, 2 guide rods. For use with KARL STORZ working element 27040 E as well as 0° telescope 27005 AA. (Not for use with HF current.)  
Sterile, 10 per pack.



### 091211-10

Single-use cold knife. Round, 2 guide rods. For use with KARL STORZ working element 27040 E as well as 0° telescope 27005 AA. (Not for use with HF current.)  
Sterile, 10 per pack.



### 091220-10

Single-use SACHSE cold knife. Straight, 1 guide rod. For use with KARL STORZ working element 27050 E as well as 0° telescope 27005 AA. (Not for use with HF current.)  
Sterile, 10 per pack.



### 091221-10

Single-use cold knife. Round, 1 guide rod. For use with KARL STORZ working element 27050 E as well as 0° telescope 27005 AA. (Not for use with HF current.)  
Sterile, 10 per pack.





## FURTHER PRODUCTS

## SINGLE-USE C-MAC® S VIDEO LARYNGOSCOPE BLADES

The single-use C-MAC® S video laryngoscope blades are intended for endotracheal intubation and inspection of the oropharyngeal cavity. For this purpose the video laryngoscope blades are used with the KARL STORZ C-MAC® monitor and the C-MAC® S imager.

- + blade and handle cast in one piece
  - ➔ optimum protection from infections
- + original English MACINTOSH shaped blade
- + D-BLADE with short handle
  - ➔ suitable for difficult intubations in particular
- + shape-retaining plastic
- + ergonomically shaped handle
- + blade tip visualized at all times
  - ➔ permits safe navigation
- + blade can be changed within seconds
- + suitable especially for emergency situations and preclinical activities
- + approved and tested accessory by KARL STORZ

### 051113-10

Single-use BERCI-KAPLAN C-MAC® S video laryngoscope MAC #3 with MACINTOSH laryngoscope blade, size 3. For use with KARL STORZ C-MAC® monitor 8402 ZX/8403 ZX and C-MAC® S imager 8402 XS. Sterile, 10 per pack.



### 051114-10

Single-use BERCI-KAPLAN C-MAC® S video laryngoscope MAC #4 with MACINTOSH laryngoscope blade, size 4. For use with KARL STORZ C-MAC® monitor 8402 ZX/8403 ZX and C-MAC® S imager 8402 XS. Sterile, 10 per pack.



### 051116-10

Single-use C-MAC® S video laryngoscope D-BLADE with DÖRGES laryngoscope blade, for difficult intubation. For use with KARL STORZ C-MAC® monitor 8402 ZX/8403 ZX and C-MAC® S imager 8402 XS. Sterile, 10 per pack.

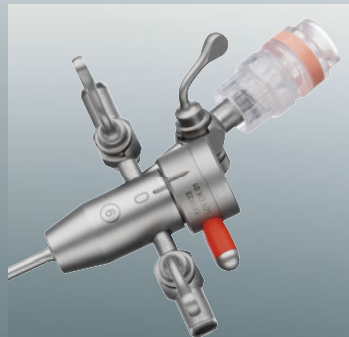




100010-01



100020-01



## FURTHER PRODUCTS

## ENDOSCOPIC SEAL

The endoscopic seal for the working channel of an endoscope serves to minimize the leakage of liquids or gases. By virtue of the detachable male LUER-Lock connector, the endoscopic seal is compatible both with a female LUER-Lock connector and with an olive connector.

- +** for instruments and catheters of 3 – 7 Fr.  
or 4 – 10 Fr.
- +** double sealing leak-proof technology
- +** for LUER-Lock and olive connector  
(= bulb type endoscopic fitting)
- +** funnel-shaped for easy insertion of  
instruments
- +** for use in gynecology, urology and  
proctology



original size

### 100010-10

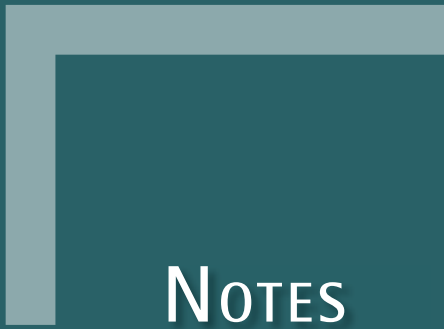
Single-use endoscopic seal. For working channels for 3 – 7 Fr. instruments. Sterile, 10 per pack.



### 100020-10

Single-use endoscopic seal. For working channels for 4 – 10 Fr. instruments. Sterile, 10 per pack.





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mtp medical technical promotion gmbh  
take-off GewerbePark 46 • D-78579 Neuhausen ob Eck  
Tel.: +49/74 67/9 45 04-0  
Fax: +49/74 67/9 45 04-99  
[www.mtp-tut.com](http://www.mtp-tut.com)  
[info@mtp-tut.com](mailto:info@mtp-tut.com)