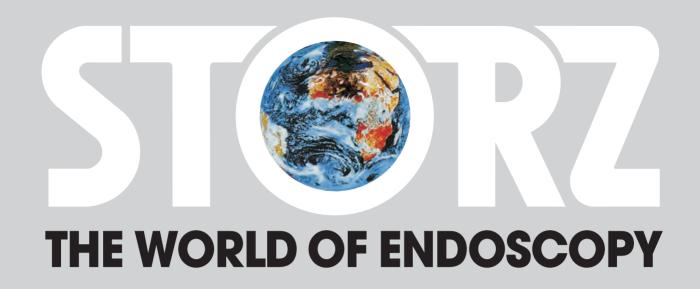


## MTP SINGLE-USE PRODUCTS

**1st EDITION 1/2017** 

Chapter			Pages
1	NEUROSURGERY	NEURO-MTP	1-18
2	ORAL AND MAXILLOFACIAL SURGERY	OMFS-MTP	19-22
3	ENT	ENT-MTP	23-48
4	ANESTHESIOLOGY AND EMERGENCY MEDICINE	AN-MTP	49-58
5	THORAX	THOR-MTP	59-64
6	SYSTEMS FOR GASTROENTEROLOGY	GE-MTP	65-78
7	LAPAROSCOPY IN SURGERY, GYNECOLOGY, UROLOGY	LAP-MTP	79-112
8	GYNECOLOGY	GYN-MTP	113-132
9	UROLOGY	URO-MTP	133-154
10	PROCTOLOGY	PRO-MTP	155-160
11	ARTHROSCOPY AND SPORTS MEDICINE	ART-MTP	161-188
12	SPINE SURGERY	CV-MTP	189-198
13	MICROSCOPY	MICRO-MTP	199-202
14	TELEPRESENCE	TP-MTP	203-208
15	UNITS AND ACCESSORIES	UNITS-MTP	209-242
16	NAVIGATION	NAV-MTP	243-246
17	HYGIENE	HYG-MTP	247-250
18	KARL STORZ OR1 NEO®, TELEPRESENCE HYGIENE, ENDOPROTECT1		





Information on events is available on the KARL STORZ website www.karlstorz.com

## MTP SINGLE-USE PRODUCTS

**1st EDITION 1/2017** 

### **Important Notes:**

It is recommended to check the suitability of the product for the intended procedure prior to use.

Endoscopes and accessories contained in this catalog have been designed in part with the cooperation of physicians and are manufactured by the KARL STORZ group. If subcontractors are hired to manufacture individual components, these are made according to proprietary KARL STORZ plans or drawings. Furthermore, these products are subject to strict quality and control guidelines of the KARL STORZ group. Both contractual and general legal provisions prohibit subcontractors from supplying components manufactured by order of KARL STORZ to competitors.

Any assumptions that competitors' endoscopes and accessories are acquired from the same suppliers as the KARL STORZ products are not correct. Moreover, endoscopes and instruments provided by competitors are not manufactured according to the design specifications of KARL STORZ. This means it cannot be assumed that these endoscopes and accessories – even if they look identical on the outside – are constructed in the same manner and have been tested according to the same criteria.

#### Standardized Design and Labeling

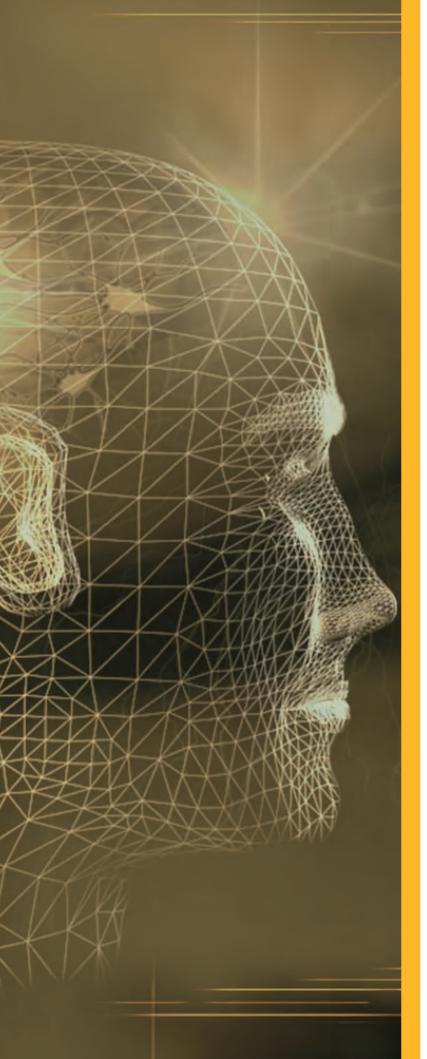
KARL STORZ participates both in national and international bodies involved in the development of standards for endoscopes and endoscopic accessories. Standardized design and development therefore have long been implemented consistently by KARL STORZ. The user can rest assured that all products by the KARL STORZ group have been designed and constructed not only in compliance with strict internal quality guidelines, but also with international standards. All data relevant for safe use, such as viewing direction, sizes and diameters, or notes regarding sterilization of telescopes, are applied to the instruments, have been formulated according to international standards, and therefore provide reliable information.

As we constantly seek to improve and modify our products, we reserve the right to make changes in design that vary from catalog descriptions.

#### **Original or Counterfeit**

KARL STORZ products are name brand articles renowned around the world and represent the state of the art in important areas of healthcare. A large number of "copy cat" products are currently being offered in many markets. These products are designed intentionally to resemble KARL STORZ products and use marketing strategies that at least point out their compatibility with KARL STORZ products. These products are by no means genuine products, since genuine KARL STORZ products are sold worldwide exclusively under the name of KARL STORZ, which appears on the packaging and the product. In the absence of such labeling, the product is not from KARL STORZ.

KARL STORZ, therefore, is unable to ensure that such products are actually compatible with genuine KARL STORZ products or can be used with them without injury to the patient.



## **NEUROSURGERY**

HIGH-SPEED BURRS
SHAVER BLADES, SINUS BURRS
TUBING SETS14-15
TAKE-APART® BIPOLAR FORCEPS 16
CATHETERS, INJECTION NEEDLES 17
SPARE PARTS AND ACCESSORIES



**High-Speed Craniotome Burrs** 



For use with Craniotome Handpiece 252645 and Dura Protectors 252646, 252647, 252648





_	High-Speed Craniotome Burr, sterile, for single use, package of 5		
	short	medium	

	for single use, package	015	
	short	medium	long
	360000 S	360000 M	360000 L
For use with	Dura Protector 252646	Dura Protector 252647	Dura Protector 252648

High-Speed Standard Burrs, High-Speed Diamond Burrs





For use with High-Speed Handpieces 252680 short, 252681 medium and 252682 long







252681

9-	High-Speed Standard Burr, 100,000 rpm, sterile, for single use, package of 5			
Diameter in mm	short medium long			
1	350110 S	350110 M	-	
2	350120 S	350120 M	350120 L	
3	350130 S	350130 M	350130 L	
4	350140 S	350140 M	350140 L	
5	350150 S	350150 M	350150 L	
6	350160 S	350160 M	350160 L	
7	350170 S	350170 M	350170 L	

•	High-Speed Diamond Burr, 100,000 rpm, sterile, for single use, package of 5				
Diameter in mm	short	short medium long			
1	350210 S	350210 M	-		
2	350220 S	350220 M	350220 L		
3	350230 S	350230 M	350230 L		
4	350240 S	350240 M	350240 L		
5	350250 S	350250 M	350250 L		
6	350260 S	350260 M	350260 L		
7	350270 S	350270 M	350270 L		

High-Speed Coarse Diamond Burrs, High-Speed Acorns, High-Speed Barrel Burrs, High-Speed Neuro Fluted Burrs





For use with High-Speed Handpieces 252680 short, 252681 medium and 252682 long





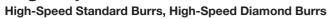
252681

0	High-Speed Coarse Diamond Burr, 100,000 rpm, sterile, for single use, package of 5			
Diameter in mm	short medium long			
3	350330 S	350330 M	350330 L	
4	350340 S	350340 M	350340 L	
5	350350 S	350350 M	350350 L	
6	350360 S	350360 M	350360 L	
7	350370 S	350370 M	350370 L	

	High-Speed Acorn, 100,000 rpm, sterile, for single use, package of 5	
Diameter in mm	short	medium
7.5	350675 S	350675 M
9	350690 S	350690 M

	High-Speed Barrel Burr, 100,000 rpm, sterile, for single use, package of 5	
Diameter in mm	short	medium
6	350960 S	350960 M
9.1	350991 S	350991 M

	High-Speed Neuro Fluted Burr, 100,000 rpm, sterile, for single use, package of 5			
Diameter in mm	short medium long			
1.8	350718 S	350718 M	350718 L	
3	350730 S	350730 M	350730 L	







For use with High-Speed Handpieces 252660 extra short, 252661 short, 252662 medium, 252663 long, 252690 extra short, 252691 short and 252692 medium







<b>S</b>	High-Speed Standard Burr, 60,000 rpm, sterile, for single use, package of 5			
Diameter in mm	extra short short medium long			
1	330110 ES	330110 S	330110 M	-
2	330120 ES	330120 S	330120 M	330120 L
3	330130 ES	330130 S	330130 M	330130 L
4	330140 ES	330140 S	330140 M	330140 L
5	330150 ES	330150 S	330150 M	330150 L
6	330160 ES	330160 S	330160 M	330160 L
7	330170 ES	330170 S	330170 M	330170 L

•	High-Speed Diam sterile, for single to	ond Burr, 60,000 rpm, use, package of 5		
Diameter in mm	extra short	extra short short		long
0.6	330206 ES	330206 S	-	-
1	330210 ES	330210 S	330210 M	-
1.5	330215 ES	330215 S	-	-
2	330220 ES	330220 S	330220 M	330220 L
3	330230 ES	330230 S	330230 M	330230 L
4	330240 ES	330240 S	330240 M	330240 L
5	330250 ES	330250 S	330250 M	330250 L
6	330260 ES	330260 S	330260 M	330260 L
7	330270 ES	330270 S	330270 M	330270 L

**High-Speed Coarse Diamond Burrs, High-Speed Cylinder Burrs,** LINDEMANN **High-Speed Fluted Burrs** 





For use with High-Speed Handpieces 252660 extra short, 252661 short, 252662 medium, 252663 long, 252690 extra short, 252691 short and 252692 medium





252661

	High-Speed Coarse Diamond Burr, 60,000 rpm, sterile, for single use, package of 5			
Diameter in mm	extra short	short	medium	long
3	330330 ES	330330 S	330330 M	330330 L
4	330340 ES	330340 S	330340 M	330340 L
5	330350 ES	330350 S	330350 M	330350 L
6	330360 ES	330360 S	330360 M	330360 L
7	330370 ES	330370 S	330370 M	330370 L

	High-Speed Cylinder Burr, 60,000 rpm, sterile, for single use, package of 5		
Diameter in mm	extra short	short	
4	330440 ES	330440 S	
6	330460 ES	330460 S	

~	LINDEMANN <b>High-Speed Fluted Burr, 60,000 rpm,</b> sterile, for single use, package of 5		
Size in mm (diameter x length)	extra short	short	
Diameter 2.1/11	330511 ES	330511 S	
Diameter 2.3/26	330526 ES	330526 S	

16

High-Speed Diamond Burrs

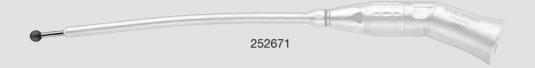




For use with High-Speed Handpieces 252671 extra long and 252672 super long





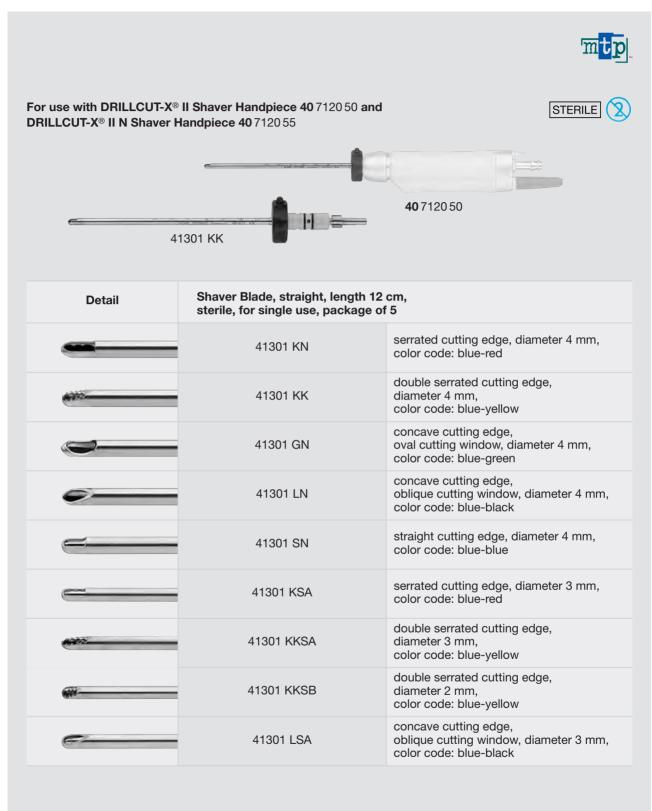


•	High-Speed Diamond Burr, 60,000 rpm, sterile, for single use, package of 5		
Diameter in mm	extra long	super long	
2	320220 EL	320220 SL	
3	320230 EL	320230 SL	
4	320240 EL	320240 SL	

	High-Speed Coarse Diamond Burr, 60,000 rpm, sterile, for single use, package of 5		
Diameter in mm	extra long	super long	
2	320320 EL	320320 SL	
3	320330 EL	320330 SL	
4	320340 EL	320340 SL	





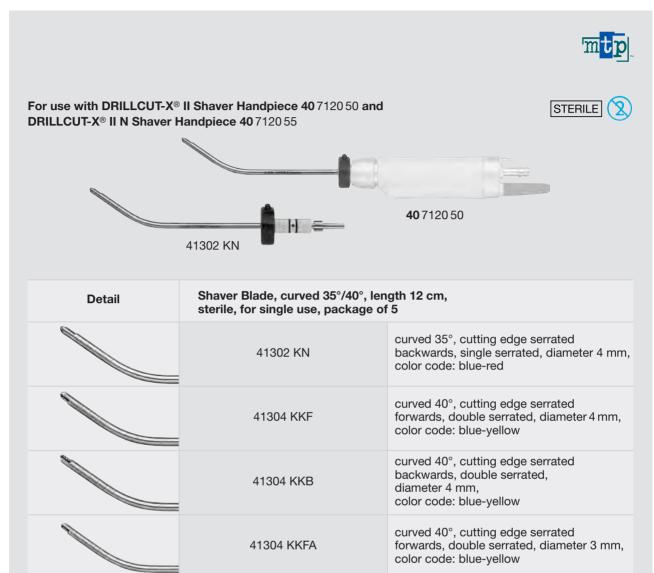


for surgery of the paranasal sinuses and anterior skull base



curved 40°, cutting edge serrated backwards, double serrated,

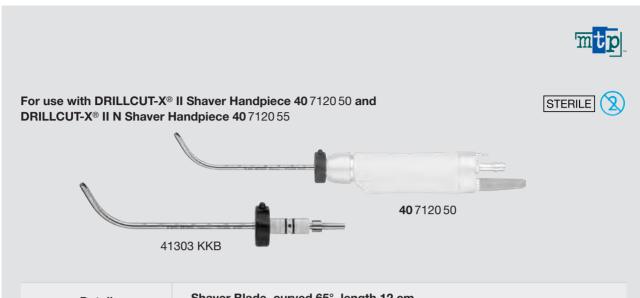
diameter 3 mm, color code: blue-yellow



41304 KKBA

for surgery of the paranasal sinuses and anterior skull base





Detail	Shaver Blade, curved 65°, length sterile, for single use, package of	
	41303 KNF	curved 65°, cutting edge serrated forwards, single serrated, diameter 4 mm, color code: blue-red
	41303 KNB	curved 65°, cutting edge serrated backwards, single serrated, diameter 4 mm, color code: blue-red
	41303 KKF	curved 65°, cutting edge serrated forwards, double serrated, diameter 4 mm, color code: blue-yellow
	41303 KKB	curved 65°, cutting edge serrated backwards, double serrated, diameter 4 mm, color code: blue-yellow
	41303 KKFA	curved 65°, cutting edge serrated forwards, double serrated, diameter 3 mm, color code: blue-yellow
	41303 KKBA	curved 65°, cutting edge serrated backwards, double serrated, diameter 3 mm, color code: blue-yellow

ιC

### **Sinus Burrs**

for surgery of the paranasal sinuses and anterior skull base





Detail	Sinus Burr, curved 70°/55°/40°/15 sterile, for single use, package of	
	41304 W	curved 40°, cylindrical, drill diameter 3 mm, shaft diameter 4 mm, color code: red-blue
	41303 WN	curved 55°, cylindrical, drill diameter 3.6 mm, shaft diameter 4 mm, color code: red-blue
	41305 RN	curved 15°, bud drill, drill diameter 4 mm, shaft diameter 4 mm, color code: red-black
0	41305 DN	curved 15°, diamond head, drill diameter 3 mm, shaft diameter 4 mm, color code: red-yellow
	41305 D*	curved 15°, diamond head, drill diameter 5 mm, shaft diameter 4 mm, color code: red-yellow
	41305 DW*	curved 40°, diamond head, drill diameter 5 mm, shaft diameter 4 mm, color code: red-yellow
	41303 DT*	curved 70°, diamond head, drill diameter 3.6 mm, shaft diameter 4 mm, color code: red-yellow

<sup>\*</sup> The above instruments are navigated sinus burrs. For further information on optical and electromagnetic navigation see chapter 16 NAVIGATION

### Sinus Burrs 35 k

for surgery of the paranasal sinuses and anterior skull base





Detail	Sinus Burr 35 k, curved 70°/40°/1 sterile, for single use, package of	, ,
	41335 W	curved 40°, cylindrical, drill diameter 3 mm, shaft diameter 4 mm, color code: red
	41335 RN	curved 15°, bud drill, drill diameter 4 mm, shaft diameter 4 mm, color code: red
	41335 DW*	curved 40°, diamond head, drill diameter 5 mm, shaft diameter 4 mm, color code: red
	41335 DT*	curved 70°, diamond head, drill diameter 3.6 mm, shaft diameter 4 mm, color code: red
	41335 DS	curved 40°, diamond head, drill diameter 4 mm, shaft diameter 4 mm, color code: red

\* The above instruments are navigated sinus burrs. For further information on optical and electromagnetic navigation see chapter 16 NAVIGATION

## **Tubing Sets**

**Irrigation Tubing Sets** 





### **Special Features:**

- No risk of confusion when placing the connectors
- Automatic product recognition and mode selection via the pump

### STERILE

#### For use with ENDOMAT® SELECT





031529-10

031529-10 **Tubing Set for Irrigation,** CV, sterile, for single use, package of 10, for use with ENDOMAT® SELECT

## **Tubing Sets**

Irrigation Tubing Sets





For use with CLEARVISION®, UNIDRIVE® II plus, UNIDRIVE® ENT/ECO/NEURO, UNIDRIVE® S III ENT/ECO/NEURO and/or CLEARVISION® II





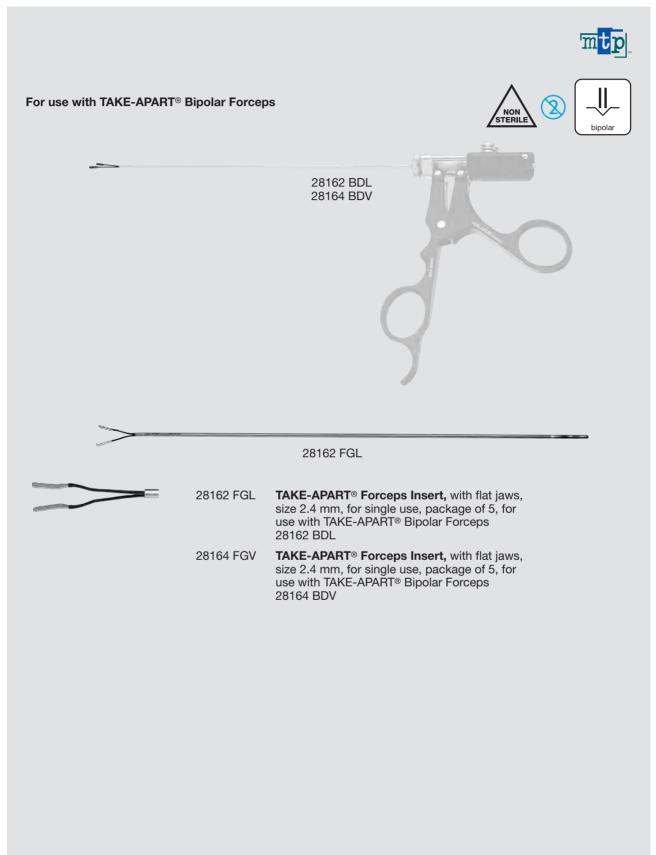


031129-10	<b>Tubing Set,</b> sterile, for single use, package of 10, for use with CLEARVISION®
031130-10	<b>Tubing Set,</b> sterile, for single use, package of 10, for use with UNIDRIVE® II plus
031131-10	<b>Tubing Set,</b> sterile, for single use, package of 10, for use with UNIDRIVE® ENT/ECO/NEURO, UNIDRIVE® S III ENT/ECO/NEURO
031229-10	<b>Tubing Set,</b> sterile, for single use, package of 10, for use with CLEARVISION® II

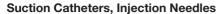
### **TAKE-APART®** Bipolar Forceps

**Forcep Inserts** 





# Catheters, Injection Needles Suction Catheters, Injection Needles





Suction Catheters			NON
		28160 SE	
<u> </u>	28160 SE	Suction Catheter, flexible, diameter 1 mm, working length 45 cm, for single use	
	28160 SB	Same, diameter 1.5 mm	
	28160 SF	Same, diameter 2.5 mm	
njection Needles			(=1000d)
		28160 PC	1009
	28160 PC	Injection Needle, flexible, diameter 1.7 mm,	
	28160 PD	working length 45 cm, for single use  Same, diameter 2.5 mm	
		<b>,</b>	

NEURO-MTP 17 17

## **Spare Parts and Accessories**Push-Button Pressure Valves





For use with THUMFART Handle 723620 H and IRO Handle 723622 H







723620 H



101010-10 **Push-Button Pressure Valve,** sterile, for single use, package of 10



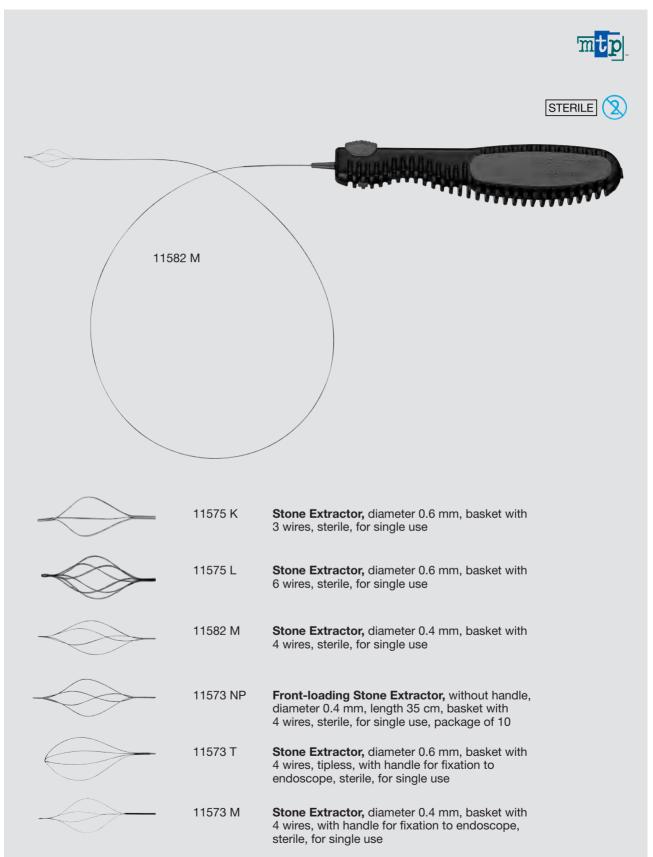
# ORAL AND MAXILLOFACIAL SURGERY

STONE EXTRACTORS20
GUIDE WIRES
CATHETERS



### **Stone Extractors**





### **Guide Wires**

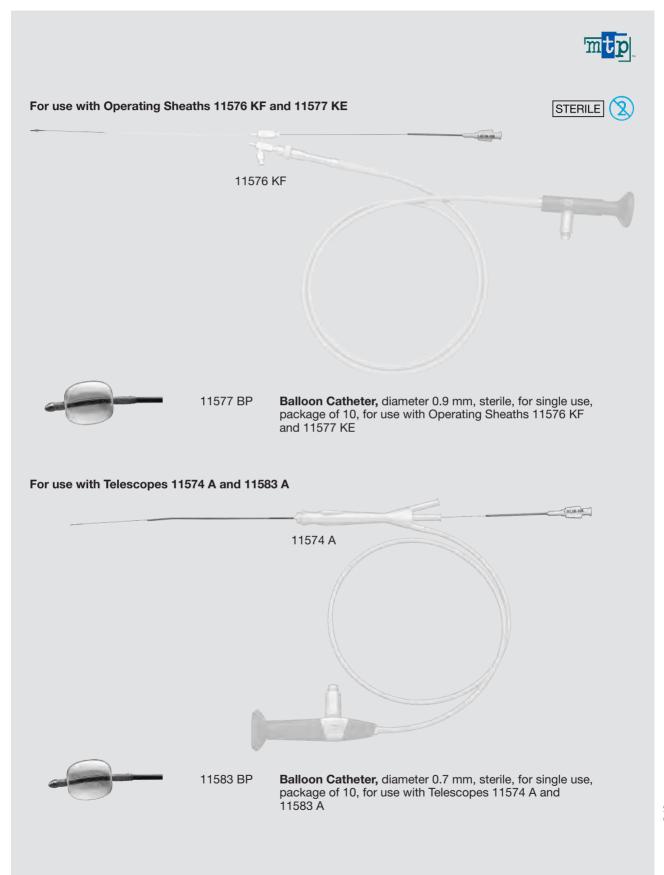


	m <mark>t</mark> p
For use with Bougies 745710 – 745713	STERILE 2
	745711
745720	<b>Guide Wire,</b> diameter 0.6 mm, sterile, for single use, package of 10, for use with Bougies 745710 – 745713
For use with Bougies 745708 – 745713	
745725	<b>Guide Wire,</b> diameter 0.4 mm, sterile, for single use, package of 10, for use with Bougies 745708 – 745713

### **Catheters**

**Balloon Catheters** 







## **ENT**

FLEXIBLE SINGLE-USE VIDEO ENDOSCOPES24-25
HIGH-SPEED BURRS26-30
SHAVER BLADES, SINUS BURRS
PROBES37
INJECTION
TUBING SETS40-41
SPARE PARTS AND ACCESSORIES 42-47



# Flexible Single-Use Video Endoscopes





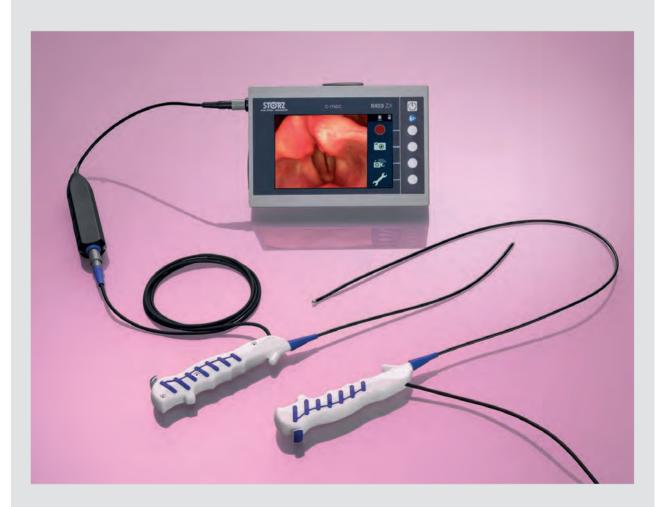
The flexible video endoscopes for single use provide a compact solution thanks to their integrated light source and camera control unit. The combination with our lightweight C-MAC® Monitor 8403 ZX and the E-Box

makes the flexible video endoscopes a mobile and straightforward solution for the hospital, your practice, home visits or for consultation purposes.

#### **Special Features:**

- Easy to install and lightweight, the flexible video endoscopes for single use in combination with the E-Box and the C-MAC® monitor provide optimal mobility
- Excellent image quality thanks to powerful LED
- Ergonomic handle design

- Lightweight and easy to use thanks to compact design and separate E-Box
- Integated LED light source for optimal illumination
- Video and image capture as well as data storage via the C-MAC® monitor
- Always ready for use without delay

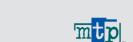


8-17

24 ENT-MTP 2

# Flexible Single-Use Video Endoscopes

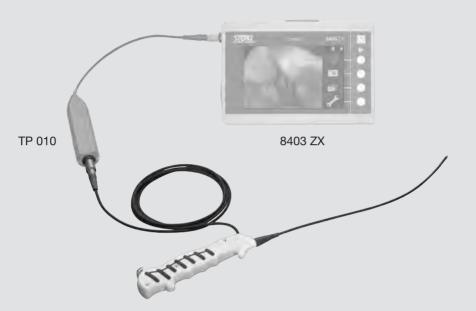




#### For use with C-MAC® Monitor 8403 ZX and E-Box TP 010





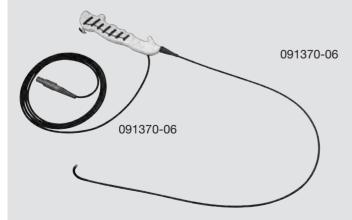




Video Rhino-Laryngoscope, sterile, for single use, package of 6, for use

with E-Box TP 010

Direction of view: 0° 90° Angle of view: Working length: 30 cm Outer diameter: 3.5 mm 140°/140° Deflection up/down:



Video Esophagoscope, sterile, for single use, package of 6, for use with E-Box TP 010

Direction of view: Angle of view: 90° Working length: 75 cm Outer diameter: 3.5 mm Deflection up/down: 210°/210°

High-Speed Standard Burrs, High-Speed Diamond Burrs





For use with High-Speed Handpieces 252680 short, 252681 medium and 252682 long







252681

9	High-Speed Standard Burr, 100,000 rpm, sterile, for single use, package of 5		
Diameter in mm	short	medium	long
1	350110 S	350110 M	-
2	350120 S	350120 M	350120 L
3	350130 S	350130 M	350130 L
4	350140 S	350140 M	350140 L
5	350150 S	350150 M	350150 L
6	350160 S	350160 M	350160 L
7	350170 S	350170 M	350170 L

•	High-Speed Diamond Burr, 100,000 rpm, sterile, for single use, package of 5		
Diameter in mm	short	medium	long
1	350210 S	350210 M	-
2	350220 S	350220 M	350220 L
3	350230 S	350230 M	350230 L
4	350240 S	350240 M	350240 L
5	350250 S	350250 M	350250 L
6	350260 S	350260 M	350260 L
7	350270 S	350270 M	350270 L

High-Speed Coarse Diamond Burrs, High-Speed Acorns, High-Speed Barrel Burrs, High-Speed Neuro Fluted Burr





For use with High-Speed Handpieces 252680 short, 252681 medium and 252682 long





252681

-	High-Speed Coarse Diamond Burr, 100,000 rpm, sterile, for single use, package of 5		
Diameter in mm	short	medium	long
3	350330 S	350330 M	350330 L
4	350340 S	350340 M	350340 L
5	350350 S	350350 M	350350 L
6	350360 S	350360 M	350360 L
7	350370 S	350370 M	350370 L

	High-Speed Acorn, 100,000 rpm, sterile, for single use, package of 5	
Diameter in mm	short	medium
7.5	350675 S	350675 M
9	350690 S	350690 M

	High-Speed Barrel Burr, 100,000 rpm, sterile, for single use, package of 5	
Diameter in mm	short	medium
6	350960 S	350960 M
9.1	350991 S	350991 M

-	High-Speed Neuro Fluted Burr, 100,000 rpm, sterile, for single use, package of 5		
Diameter in mm	short	medium	long
1.8	350718 S	350718 M	350718 L
3	350730 S	350730 M	350730 L

High-Speed Standard Burrs, High-Speed Diamond Burrs





For use with High-Speed Handpieces 252660 extra short, 252661 short, 252662 medium, 252663 long, 252690 extra short, 252691 short and 252692 medium







9	High-Speed Standard Burr, 60,000 rpm, sterile, for single use, package of 5			
Diameter in mm	extra short	short	medium	long
1	330110 ES	330110 S	330110 M	-
2	330120 ES	330120 S	330120 M	330120 L
3	330130 ES	330130 S	330130 M	330130 L
4	330140 ES	330140 S	330140 M	330140 L
5	330150 ES	330150 S	330150 M	330150 L
6	330160 ES	330160 S	330160 M	330160 L
7	330170 ES	330170 S	330170 M	330170 L

•	High-Speed Diamond Burr, 60,000 rpm, sterile, for single use, package of 5			
Diameter in mm	extra short	short	medium	long
0.6	330206 ES	330206 S	-	-
1	330210 ES	330210 S	330210 M	-
1.5	330215 ES	330215 S	-	-
2	330220 ES	330220 S	330220 M	330220 L
3	330230 ES	330230 S	330230 M	330230 L
4	330240 ES	330240 S	330240 M	330240 L
5	330250 ES	330250 S	330250 M	330250 L
6	330260 ES	330260 S	330260 M	330260 L
7	330270 ES	330270 S	330270 M	330270 L

**High-Speed Coarse Diamond Burrs, High-Speed Cylinder Burrs,** LINDEMANN **High-Speed Fluted Burrs** 





For use with High-Speed Handpieces 252660 extra short, 252661 short, 252662 medium, 252663 long, 252690 extra short, 252691 short and 252692 medium





6	High-Speed Coarse Diamond Burr, 60,000 rpm, sterile, for single use, package of 5			
Diameter in mm	extra short	short	medium	long
3	330330 ES	330330 S	330330 M	330330 L
4	330340 ES	330340 S	330340 M	330340 L
5	330350 ES	330350 S	330350 M	330350 L
6	330360 ES	330360 S	330360 M	330360 L
7	330370 ES	330370 S	330370 M	330370 L

	High-Speed Cylinder Burr, 60,000 rpm, sterile, for single use, package of 5	
Diameter in mm	extra short	short
4	330440 ES	330440 S
6	330460 ES	330460 S

	LINDEMANN <b>High-Speed Fluted Burr, 60,000 rpm,</b> sterile, for single use, package of 5	
Size in mm (diameter x length)	extra short	short
Diameter 2.1/11	330511 ES	330511 S
Diameter 2.3/26	330526 ES	330526 S

High-Speed Diamond Burrs

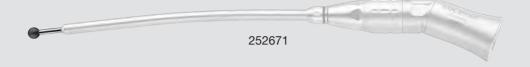




### For use with High-Speed Handpieces 252671 extra long and 252672 super long





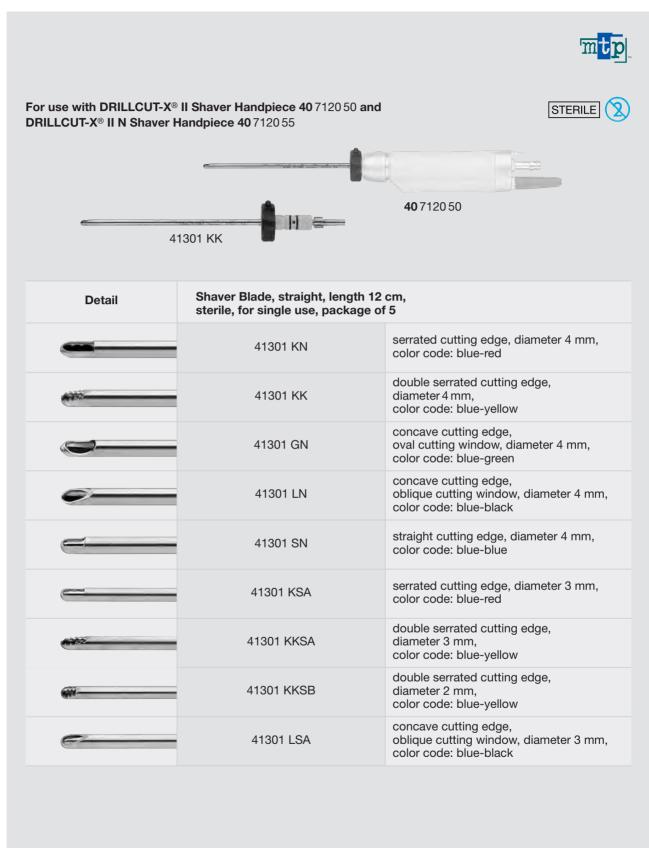


	High-Speed Diamond Burr, 60,000 rpm, sterile, for single use, package of 5	
Diameter in mm	extra long	super long
2	320220 EL	320220 SL
3	320230 EL	320230 SL
4	320240 EL	320240 SL

<b>@</b> ——	High-Speed Coarse Diamond Burr, 60,000 rpm, sterile, for single use, package of 5	
Diameter in mm	extra long	super long
2	320320 EL	320320 SL
3	320330 EL	320330 SL
4	320340 EL	320340 SL

for surgery of the paranasal sinuses and anterior skull base



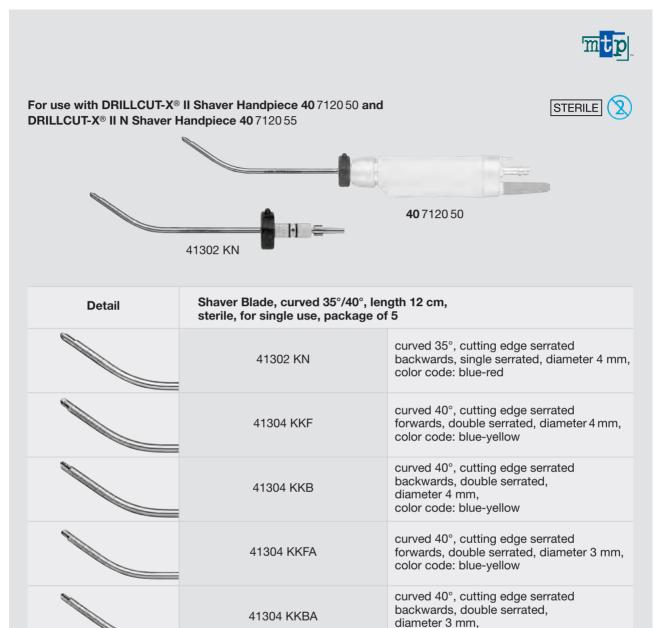


5-16

ENT-MTP 9 31

for surgery of the paranasal sinuses and anterior skull base



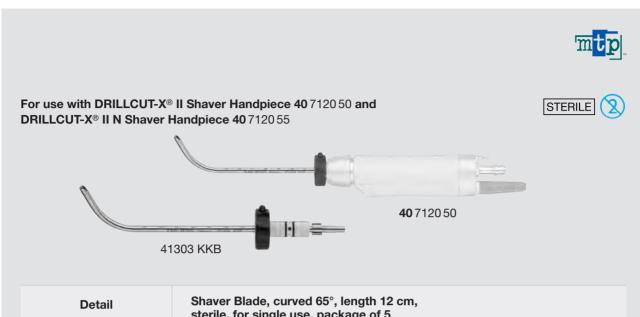


color code: blue-yellow

### **Shaver Blades**

for surgery of the paranasal sinuses and anterior skull base





Detail	Shaver Blade, curved 65°, length 12 cm, sterile, for single use, package of 5		
	41303 KNF	curved 65°, cutting edge serrated forwards, single serrated, diameter 4 mm, color code: blue-red	
	41303 KNB	curved 65°, cutting edge serrated backwards, single serrated, diameter 4 mm, color code: blue-red	
	41303 KKF	curved 65°, cutting edge serrated forwards, double serrated, diameter 4 mm, color code: blue-yellow	
	41303 KKB	curved 65°, cutting edge serrated backwards, double serrated, diameter 4 mm, color code: blue-yellow	
	41303 KKFA	curved 65°, cutting edge serrated forwards, double serrated, diameter 3 mm, color code: blue-yellow	
	41303 KKBA	curved 65°, cutting edge serrated backwards, double serrated, diameter 3 mm, color code: blue-yellow	

5-16

ENT-MTP 11 33

### **Sinus Burrs**

for surgery of the paranasal sinuses and anterior skull base





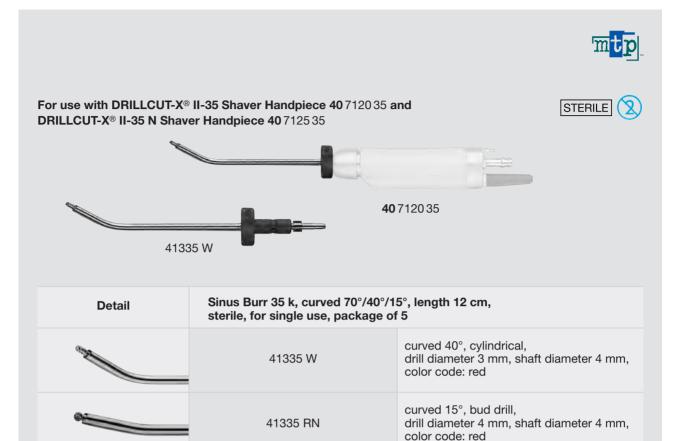
Detail	Sinus Burr, curved 70°/55°/40°/15 sterile, for single use, package of	
	41304 W	curved 40°, cylindrical, drill diameter 3 mm, shaft diameter 4 mm, color code: red-blue
	41303 WN	curved 55°, cylindrical, drill diameter 3.6 mm, shaft diameter 4 mm, color code: red-blue
	41305 RN	curved 15°, bud drill, drill diameter 4 mm, shaft diameter 4 mm, color code: red-black
	41305 DN	curved 15°, diamond head, drill diameter 3 mm, shaft diameter 4 mm, color code: red-yellow
	41305 D*	curved 15°, diamond head, drill diameter 5 mm, shaft diameter 4 mm, color code: red-yellow
	41305 DW*	curved 40°, diamond head, drill diameter 5 mm, shaft diameter 4 mm, color code: red-yellow
	41303 DT*	curved 70°, diamond head, drill diameter 3.6 mm, shaft diameter 4 mm, color code: red-yellow

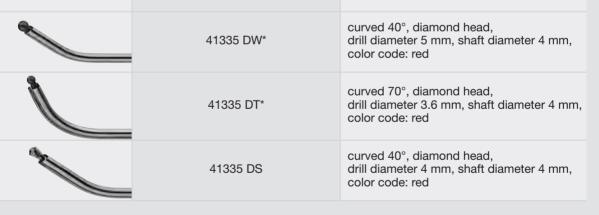
<sup>\*</sup> The above instruments are navigated sinus burrs. For further information on optical and electromagnetic navigation see chapter 16 NAVIGATION

#### Sinus Burrs 35 k

for surgery of the paranasal sinuses and anterior skull base





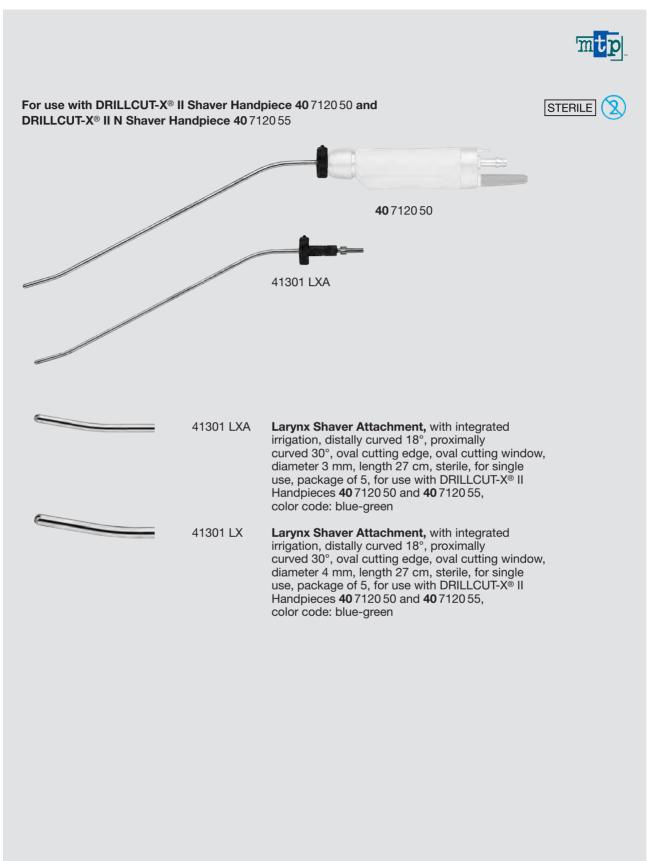


<sup>\*</sup> The above instruments are navigated sinus burrs. For further information on optical and electromagnetic navigation see chapter 16 NAVIGATION

### **Shaver Blades**

for Endolaryngeal Microsurgery





#### **Probes**

#### **Lachrymal Probe**





#### **Probe for Diaphanoscopic Localization of the Nasolacrimal Ducts**

## STERILE (2)

#### Dacryocystorhinostomy acc. to SIEGERT/WEERDA

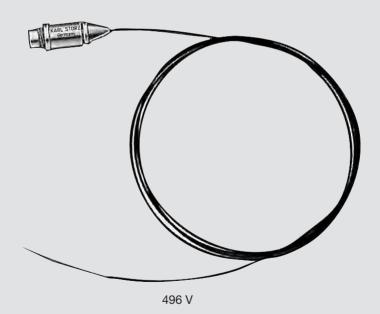
The obstructed nasolacrimal ducts have to be represented intraoperatively for dacryocystorhinostomy. However, intraoperative endonasal localization of the pathologically changed ducts may prove difficult, due to the considerable anatomical variations from one patient to the next. The instruments for representation of the nasolacrimal duct comprise a light source, a light guide and a special lachrymal probe with a distal diameter of 0.5 mm.

For endonasal dacryocystorhinostomy, the sterile distal end of the lachrymal probe is introduced into the lacrimal sac, or up to the point of the blockage, through the upper or lower lacrimal point. The spot of light

visible at the end of the light guide "marks" the nasal end of the clear lacrimal duct. It is advisible to briefly turn down the external lights in the operating room at first in order to locate the nasolacrimal duct while the lacrimal sac is still covered by considerable tissue.

A study on such operations has shown that the times required for surgery can be significantly reduced by around 50% with the aid of diaphanoscopic localization.

On the whole, this is a simple, practical and useful complementary imaging for dacryocystorhinostomy which supports rapid surgery without undue damage to the tissue.



496 V

**Lachrymal Probe,** for diaphanoscopic localization of the nasolacrimal ducts and fistulae, diameter of distal tip 0.5 mm, sterile, for single use, package of 3, for use with Fiber Optic Light Cable 495 NL

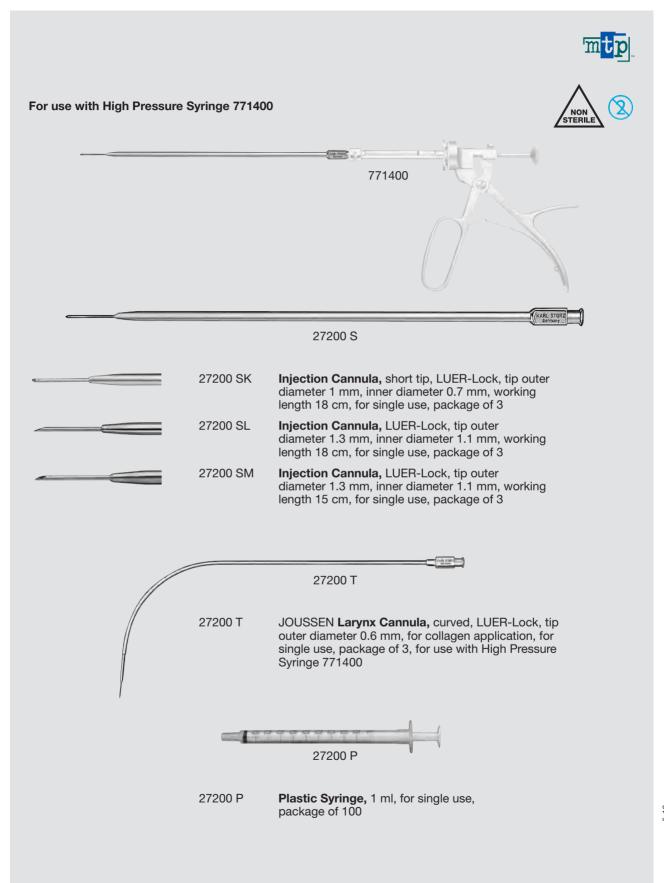
5-16

ENT-MTP 15 37

### Injection

Cannulas, Syringe



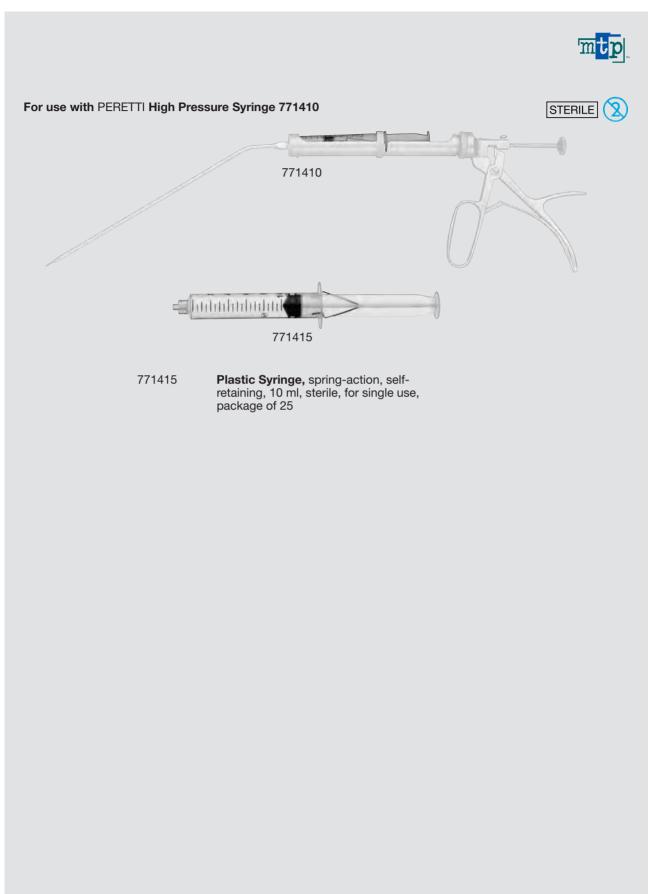


38 ENT-MTP 16

# Injection







# **Tubing Sets**

**Irrigation Tubing Sets** 





#### **Special Features:**

- No risk of confusion when placing the connectors
- Automatic product recognition and mode selection via the pump





#### For use with ENDOMAT® SELECT





031529-10

031529-10 **Tubing Set for Irrigation,** CV, sterile, for single use, package of 10, for use with ENDOMAT® SELECT

# **Tubing Sets**

Irrigation Tubing Sets





For use with CLEARVISION®, UNIDRIVE® II plus, UNIDRIVE® ENT/ECO/NEURO, UNIDRIVE® S III ENT/ECO/NEURO and/or CLEARVISION® II







031129-10	<b>Tubing Set,</b> sterile, for single use, package of 10, for use with CLEARVISION®
031130-10	<b>Tubing Set,</b> sterile, for single use, package of 10, for use with UNIDRIVE® II plus
031131-10	<b>Tubing Set,</b> sterile, for single use, package of 10, for use with UNIDRIVE® ENT/ECO/NEURO, UNIDRIVE® S III ENT/ECO/NEURO
031229-10	<b>Tubing Set,</b> sterile, for single use, package of 10, for use with CLEARVISION® II

Push-Button Pressure Valve





For use with THUMFART Handle 723620 H and IRO Handle 723622 H







723620 H



101010-10

**Push-Button Pressure Valve,** sterile, for single use, package of 10

Replacement Blades for Dermatomes









253101

253001	<b>Replacement Blade,</b> width of incision 12 mm, sterile, for single use, package of 10, for use with Dermatome 253000
253101	<b>Replacement Blade,</b> width of incision 25 mm, sterile, for single use, package of 10, for use with Dermatome 253100
253201	<b>Replacement Blade,</b> width of incision 50 mm, sterile, for single use, package of 10, for use with Dermatome 253200
253301	<b>Replacement Blade,</b> width of incision 75 mm, sterile, for single use, package of 10, for use with Dermatome 253300







For use with CMOS Video Otoscope 121200 and USB Video Otoscope 121210









121204

**Ear Speculum,** for CMOS video otoscope and USB video otoscope, outer diameter 4 mm, black, unsterile, for single use, package of 1000

121204 S **Same,** package of 100

For use with HEINE Otoscope 121300, with Battery Handle 121300 and HEINE Otoscope 121320  $\,$ 





121332

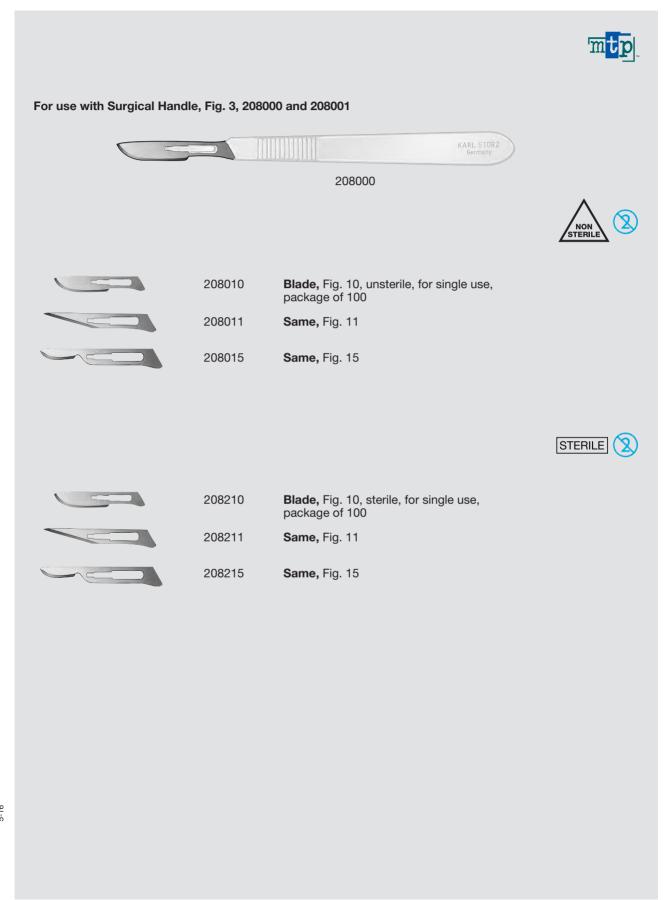
**Ear Speculum,** gray, outer diameter 2.5 mm, for children, unsterile, for single use, package of 1000

121334

Same, outer diameter 4 mm, for adults



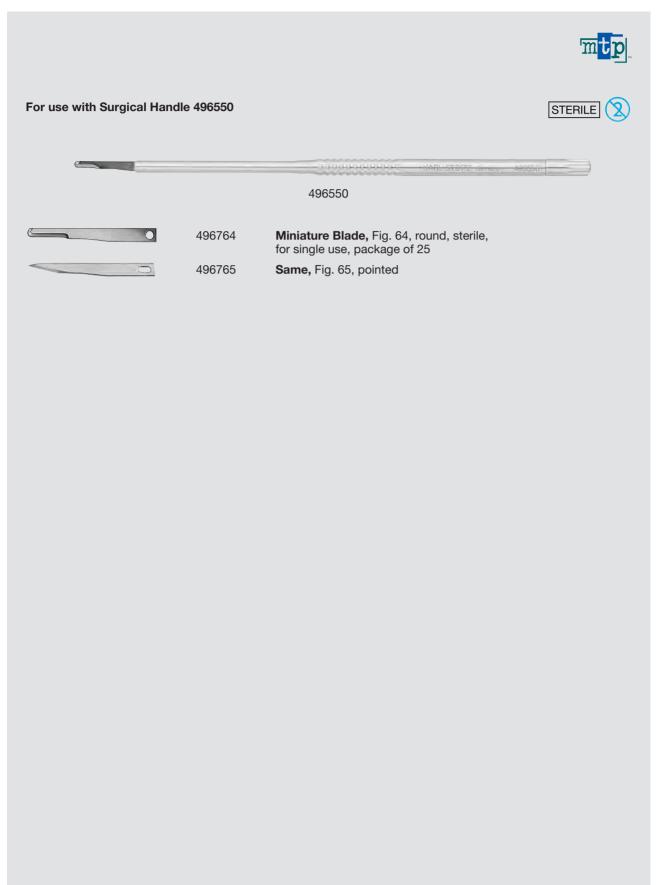




ENT-MTP 23







**Epistaxis Balloon Catheter, Ventilation Tubes** 









423700 REUTER Epistaxis Balloon Catheter, sterile, for single use



230100 TÜBINGEN Ventilation Tube, made of precious metal and gold-plated, without retrieval wire, inner diameter 1.5 mm, size 2, outer diameter 2.8 mm, sterile, for single use, package of 10



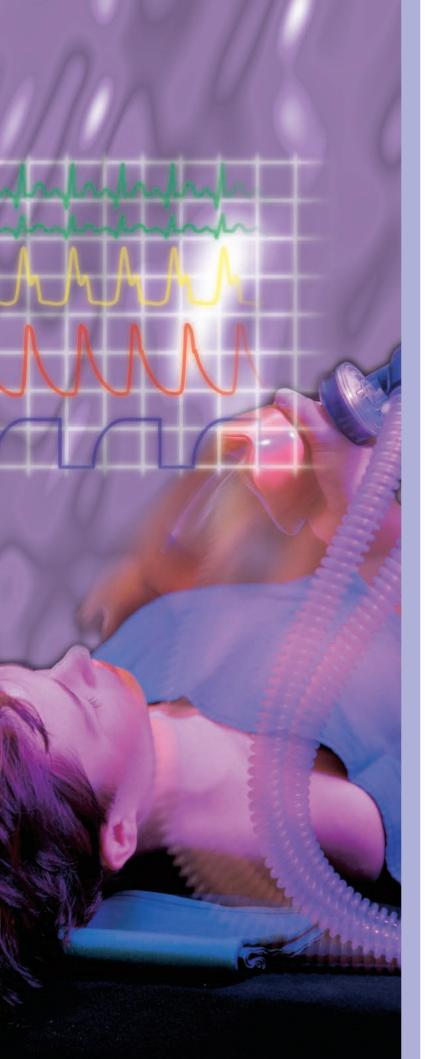
230110

TÜBINGEN Ventilation Tube, made of precious metal and gold-plated, without retrieval wire, inner diameter 1.25 mm, size 1, outer diameter 2.6 mm, sterile, for single use, package of 10



230506 SHEPARD Ventilation Tube, Teflon, with retrieval wire, inner diameter 1.1 mm,

sterile, for single use, package of 6



### ANESTHESIOLOGY AND EMERGENCY MEDICINE

C-MAC® S VIDEO LARYNGOSCOPES ... 51-53

LARYNGOBLOC
COLD LIGHT LARYNGOSCOPES . . . . . 54-56



# MACINTOSH C-MAC® S Video Laryngoscopes

The C-MAC® System





#### **Special Features:**

- Blade and handle with anti-dirt layer form one continuous piece: Optimal protection against cross-contamination
- Extremely robust
- Ergonomic handle shape
- Compact design

- For direct and indirect laryngoscopy with the original MACINTOSH blade shape
- For routine clinical use and training
- D-BLADE for difficult intubation with short handle





For use with C-MAC® S IMAGER 8403 XSI in combination with C-MAC® PM 8403 XDK or C-MAC® Monitor 8403 ZXK with 8403 X or 20 2903 01 C-HUB® II





051114-10

C-MAC® S Video Laryngoscope MAC #4, with MACINTOSH laryngoscope blade, size 4, for single use, package of 10, for use with KARL STORZ C-MAC® S IMAGER 8402 XS, 8403 XS or 8403 XSI



051113-10

**C-MAC® S Video Laryngoscope MAC #3,** with MACINTOSH laryngoscope blade, size 3, for single use, package of 10, for use with KARL STORZ C-MAC® S IMAGER 8402 XS, 8403 XS or 8403 XSI

# **C-MAC® S Video Laryngoscope D-BLADE**

The C-MAC® System









For use with C-MAC® S IMAGER 8403 XSI in combination with C-MAC® PM 8403 XDK or C-MAC® Monitor 8403 ZXK with 8403 X or 20 2903 01 C-HUB® II





051116-10 C-MAC® S Video Laryngoscope D-BLADE, with laryngoscope blade for difficult intubation, for single use, package of 10, for use with KARL STORZ C-MAC® S IMAGER 8402 XS, 8403 XS or 8403 XSI

### MILLER C-MAC® S Video Laryngoscopes

The C-MAC® System





#### **Special Features:**

- Blade and handle with anti-dirt layer form one continuous piece: Optimal protection against cross-contamination
- Extremely robust
- Ergonomic handle shape

- Compact design
- For direct and indirect laryngoscopy with the original MILLER blade shape
- For routine clinical use and training





For use with C-MAC® S Pediatric IMAGER 8403 XSP in combination with C-MAC® PM 8403 XDK or C-MAC® Monitor 8403 ZXK with 8403 X



8403 XSPK



051111-10 C-MAC® S Video Laryngoscope MILLER #1, for single use, package of 10, for use with C-MAC® S Pediatric IMAGER 8403 XSP



051110-10 C-MAC® S Video Laryngoscope MILLER #0, for single use, package of 10, for use with

C-MAC® S Pediatric IMAGER 8403 XSP

AN-MTP 5 53

### MACINTOSH Laryngobloc

**Cold Light Laryngoscopes** 





#### **Special Features:**

- Handle and blade in monoblock design
- High tensile strength
- Optimal hygiene
- Various handles: Standard, slender and stubby

- Various blade shapes: MACINTOSH, MILLER and OXFORD model
- LED with service life of 50,000 hours
- Latex-free polypropylene (PP)





#### For use with LED Battery Insert 8547 HL



8547 HL



8512 AF

8512 AF MACINTOSH Laryngobloc, size 4, material:

polypropylene, handle and blade in one piece, standard handle, clean packed, for single use, package of 20,

for use with LED Battery Insert 8547 HL

8512 BF Same, size 3 8512 C Same, size 2

#### For use with LED Battery Insert 8547 HS





8512 CS

8512 ASF

MACINTOSH Laryngobloc, size 4, material:

polypropylene, handle and blade in one piece, short handle, clean packed, for single use, package of 20, for use with LED Battery Insert 8547 HS

8512 BSF

8512 CS

Same, size 3 Same, size 2

54 AN-MTP 6

### MILLER Laryngobloc

**Cold Light Laryngoscopes** 





#### For use with LED Battery Insert 8547 HL









8530 B MILLER **Laryngobloc**, size 3, material:

polypropylene, handle and blade in one piece, standard handle, for single use, package of 20, for use with LED Battery Insert 8547 HL

8530 C **Same,** size 2

#### For use with LED Battery Insert 8547 HN





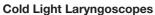
8530 DN

MILLER **Laryngobloc**, size 1, material: polypropylene, handle and blade in one piece, slender handle, clean packed, for single use, package of 20, for use with LED Battery Insert 8547 HN

8530 EN

Size, size 0

### Laryngobloc, OXFORD Model











#### For use with LED Battery Insert 8547 HL







8533 F

Laryngobloc, OXFORD model, size 0, material: polypropylene, handle and blade in one piece, standard handle, for single use, package of 20, for use with LED Battery Insert 8547 HL

8533 F

#### For use with LED Battery Insert 8547 HS



8547 HS



8533 FS

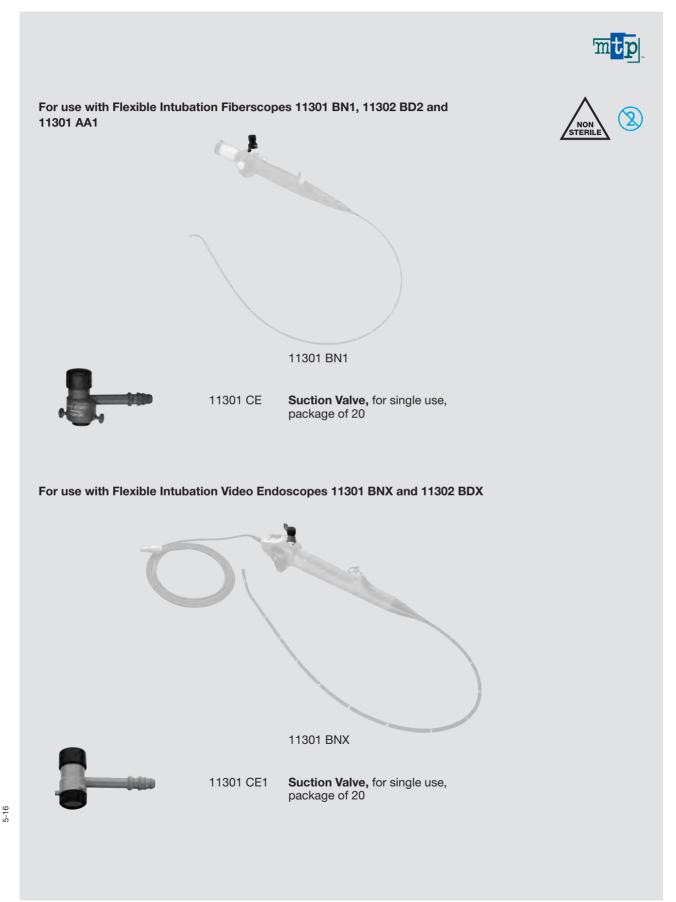
8533 FS **Laryngobloc,** OXFORD model, size 0, material: polypropylene, handle and blade in one piece, short handle, for single use, package of 20, for use with

LED Battery Insert 8547 HS

# **Intubation Endoscopes, Accessories**



Flexible Intubation Video Endoscopes (FIVE) and Eyepiece Versions



AN-MTP 9 57

### **Intubation Endoscopes, Accessories**

Flexible Intubation Video Endoscopes (FIVE) and Eyepiece Versions





#### For use with Flexible Intubation Endoscopes

10310







10309 10310

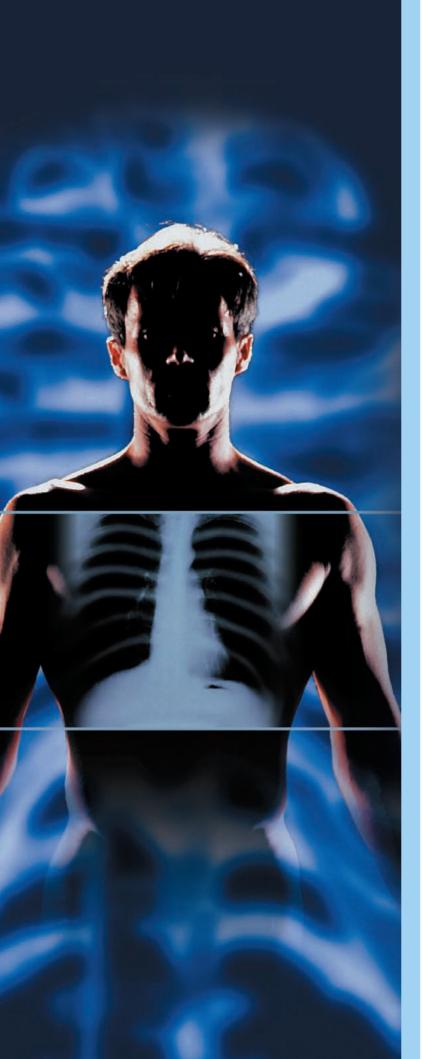
10309 **Bronchoscope Insertion Tube,** size 4, with integrated mouthpiece, insertion length 85 mm, made from EVA, sterile, for single use, package of 10, for use with intubation fiberscopes

Bronchoscope Insertion Tube, size 2, with integrated mouthpiece, insertion length 65 mm, made from EVA, sterile, for single use, package of 10, for use with flexible intubation endoscopes



11008 C

11008 C Mask Adaption "MAINZ Adaptor", for endoscopic inspection and simultaneous respiration, blue, sterile, package of 5



# **THORAX**

CAMERA COVER	60
BIOPSY FORCEPS	61
TUBING SET	62
SPARE PARTS AND	62



### Cover

#### **Camera Cover**





For use with IMAGE1 S<sup>™</sup> DCI<sup>®</sup> camera head for Distending Video Mediastinoscopes 10972 SP and 10972 SPS as well as DCI<sup>®</sup> Video Mediastinoscopes 10971 MV and 10971 MVS









041171-40

041171-40 **Camera Cover,** width at camera head 6 cm, length 309 cm, sterile, for single use, package of 40

# **Biopsy Forceps**

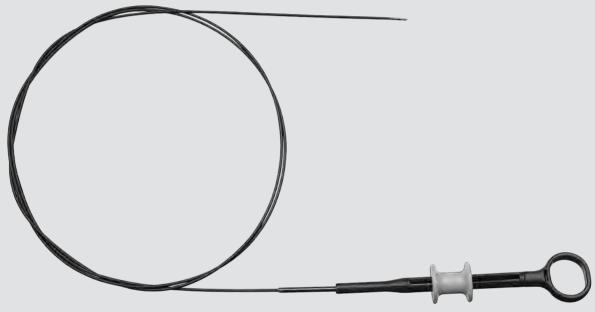




#### **Special Features:**

- Optimized tissue removal through fenestrated cups
- Hygienic and functional safety





110274-10



110274-10

**Biopsy Forceps,** with oval jaws, working length 120 cm, sterile, for single use, package of 10, for use with flexible endoscopes with working channels as of diameter 2 mm

# **Tubing Set**

**Irrigation Tubing Set** 





#### **Special Features:**

- No risk of confusion when placing the connectors
- Automatic product recognition and mode selection via the pump





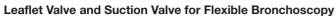
#### For use with ENDOMAT® SELECT





031524-10

031524-10 **Tubing Set for Irrigation,** FC, sterile, for single use, package of 10, for use with HAMOU® ENDOMAT® SCB **26** 3311 20-1 and ENDOMAT® SELECT

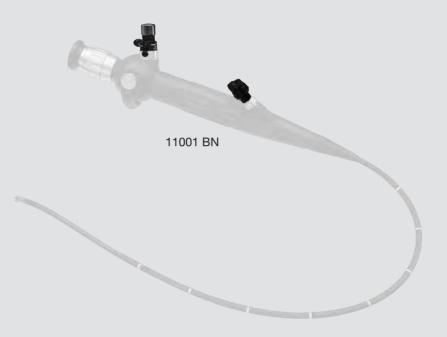






For use with Broncho-Fiberscopes 11004 BC, 11009 BC, 11001 BN, 11002 BD and 11003 BC as well as Autofluorescence Broncho-Fiberscopes 11004 BI, 11009 BI and 11001 BI







11301 CA

**Leaflet Valve,** unsterile, for single use, package of 20



11301 CE

**Suction Valve,** unsterile, for single use, package of 20



# SYSTEMS FOR GASTROENTEROLOGY

ALBARRAN MODULE
BIOPSY FORCEPS
GRASPING FORCEPS
POLYPECTOMY SNARES, PAPILLOTOMES
INJECTION NEEDLES, CYTOLOGY BRUSHES
ERCP AND SPRAY CATHETERS
GUIDE WIRE, BITE PROTECTOR, CLEANING BRUSHES



### **Albarran Module**





#### **Special Features:**

- For optimal hygiene results and maximum patient safety
- Ready for immediate use

- No reprocessing of the module required in the hospital
- Minimizes the risk of inadequate cleaning and disinfection





110980-05 **Albarran Module,** sterile, for single use, package of 5, for use with SILVER SCOPE® Duodenoscopes 13885 PKS/NKS

### **Biopsy Forceps**





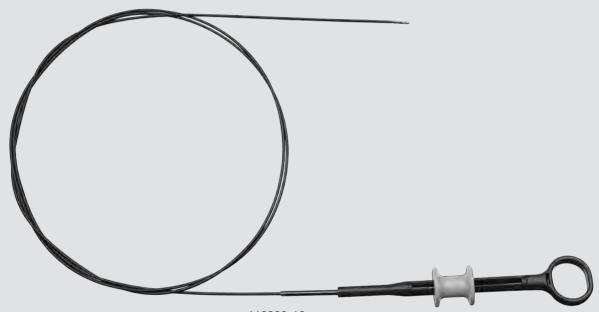
#### **Special Features:**

- Optimized tissue removal through fenestrated cups
- Forceps with spike for very good anchorage of tissue

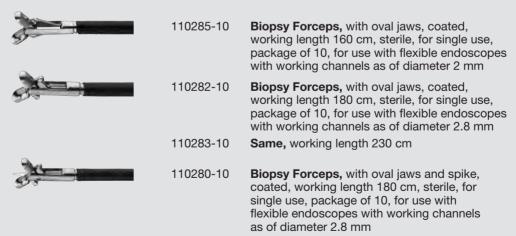
- Hygienic and functional safety
- One-hand grip with rotating thumb ring with color-coded diameter (blue = 2 mm, yellow = 2.8 mm)







110282-10



110281-10 **Same,** working length 230 cm

6-16

GE-MTP 3 67

# **Grasping Forceps**



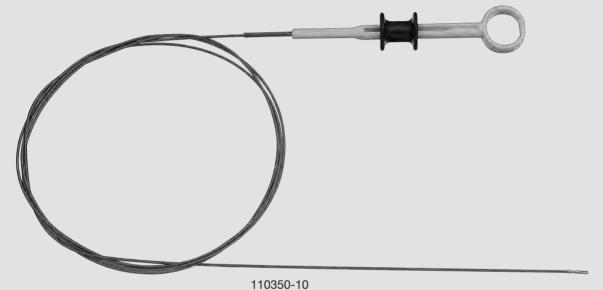


#### **Special Features:**

- The large opening angle of the pelican forceps makes it particularly suitable for grasping large objects
- The alligator forceps is suitable for grasping angular or sharp objects thanks to its alligatorlike ribbed jaws







#### 110000

#### **Pelican Grasping Forceps**

110343-10	<b>Grasping Forceps Type Pelican,</b> with large opening angle, diameter 2.4 mm, working length 170 cm, sterile, for single use, package of 10, for use with flexible endoscopes with working channels as of diameter 2.8 mm
110344-10	Same, working length 210 cm

#### **Alligator Grasping Forceps**

110350-10	<b>Grasping Forceps Type Alligator,</b> ribbed, diameter 1.8 mm, working length 100 cm, sterile, for single use, package of 10, for use with flexible endoscopes with working channels as of diameter 2 mm
110351-10	Same, working length 150 cm
110352-10	<b>Grasping Forceps Type Alligator,</b> ribbed, diameter 2.4 mm, working length 150 cm, sterile, for single use, package of 10, for use with flexible endoscopes with working channels as of diameter 2.8 mm
110353-10	Same, working length 170 cm
110354-10	Same, working length 210 cm

16

## **Grasping Forceps**



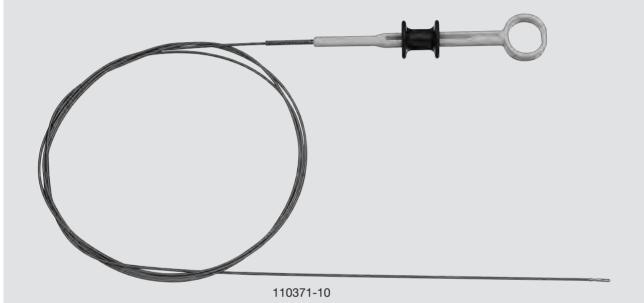
2.4 mm,



## **Special Features:**

- The rat tooth forceps is particularly suitable for grasping flat and solid objects
- The rat tooth forceps with alligator jaws is especially suitable for retrieving difficult-toextract flat and solid objects





### **Rat Tooth Grasping Forceps**

	110363-10	Grasping Forceps Type Rat Tooth, diameter 2
- Automotion		working length 170 cm, sterile, for single use, p

working length 170 cm, sterile, for single use, package of 10, for use with flexible endoscopes with working channels as of diameter 2.8 mm

110364-10 **Same,** working length 210 cm

#### **Rat Tooth Grasping Forceps with Alligator Jaws**

110371-10	Grasping Forceps Type Rat Tooth with Alligator Jaws, diameter 1.8 mm, working length 150 cm, sterile, for single use, package of 10, for use with flexible endoscopes with
	working channels as of diameter 2 mm

110372-10 Rat Tooth Grasping Forceps with Alligator Jaws,
diameter 2.4 mm, working length 150 cm, sterile, for single
use, package of 10, for use with flexible endoscopes with
working channels as of diameter 2.8 mm

## **Polypectomy Loops**



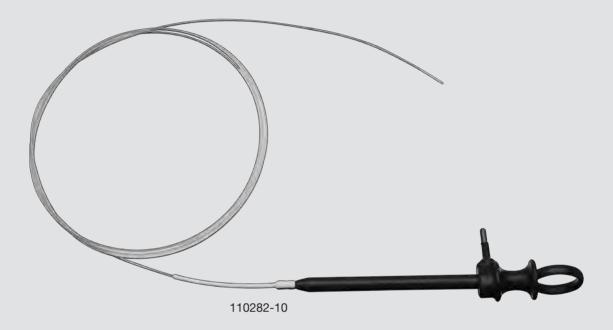
## mtp

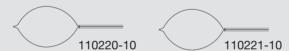
#### **Special Features:**

- Smooth, flexible snare cord makes even cutting and coagulation possible
- Very safe thanks to soldered connection between traction component and snare









- 110220-10 **Oval Polypectomy Snare,** diameter 30 mm, working length 180 cm, KARL STORZ HF connector, sterile, for single use, package of 10, for use with flexible endoscopes with working channels as of diameter 2 mm
- 110221-10 **Oval Polypectomy Snare,** diameter 30 mm, working length 230 cm, KARL STORZ HF connector, sterile, for single use, package of 10, for use with flexible endoscopes with working channels as of diameter 2.8 mm



- 110222-10 **Oval Polypectomy Snare**, diameter 20 mm, working length 230 cm, standard HF connector, sterile, for single use, package of 10, for use with flexible endoscopes with working channels as of diameter 2.8 mm
- 110224-10 **Same,** diameter 30 mm
- 110225-10 **Asymmetric Polypectomy Snare,** diameter 25 mm, working length 230 cm, standard HF connector, sterile, for single use, package of 10, for use with flexible endoscopes with working channels as of diameter 2.8 mm

## **Papillotomes**



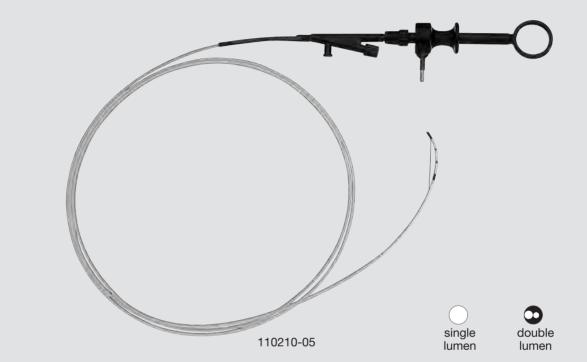


#### **Special Features:**

- Simplified positioning thanks to pre-formed tip
- Suitable for guide wire (double lumen)
- X-ray resistant tip



71





**Papillotome,** filiform, single lumen, cutting wire length 25 mm, including handle, working length 200 cm, KARL STORZ HF connector, sterile, for single use, package of 5, for use with flexible endoscopes with working channels as of diameter 2.2 mm



**Papillotome,** filiform, double lumen, cutting wire length 25 mm, for guide wire 0.035", including handle, working length 200 cm, KARL STORZ HF connector, sterile, for single use, package of 5, for use with flexible endoscopes with working channels as of diameter 2.8 mm

## **Papillotomes**



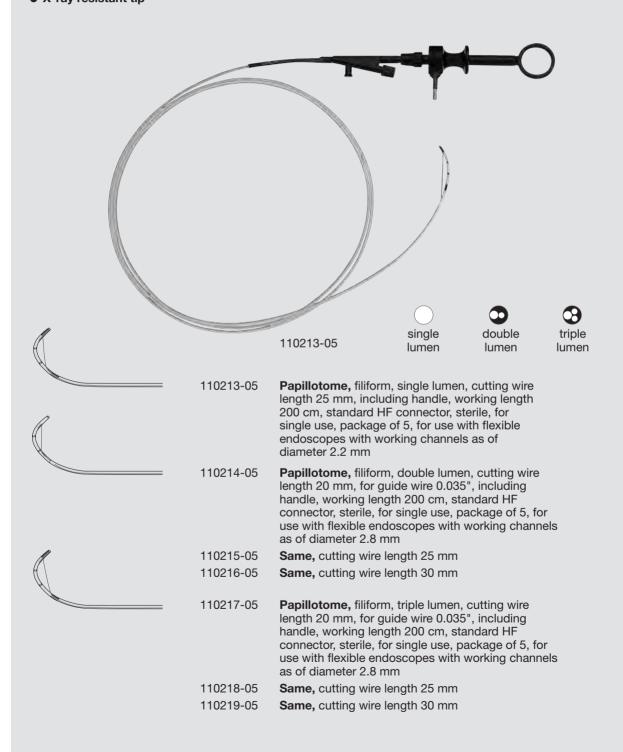
## mtp

#### **Special Features:**

- Simplified positioning thanks to pre-formed tip
- Suitable for guide wire (double and triple lumen)
- X-ray resistant tip







## **Injection Needles**

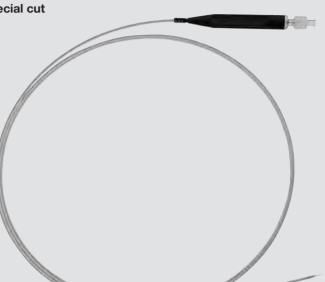


## mtp

STERILE

#### **Special Features:**

- Protects against biopsy channel perforation (retaining ring)
- Locking screw for constant needle length
- Also suitable for thin mucous membrane tissue due to 21° special cut



110230-10

- 110230-10 Injection Needle, in plastic tube, needle diameter 0.7 mm, needle length 6 mm, working length 180 cm, sterile, for single use, package of 10, for use with flexible endoscopes with working channels as of diameter 2.6 mm
  - 110231-10 **Same,** working length 230 cm
  - 110232-10 **Injection Needle,** in plastic tube, needle diameter 0.9 mm, needle length 6 mm, working length 180 cm, sterile, for single use, package of 10, for use with flexible endoscopes with

working channels as of diameter 2.6 mm

110233-10 **Same,** working length 230 cm

## **Cytology Brushes**





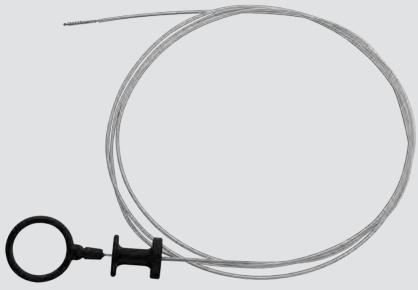
### **Special Features:**

• Spherical head for sealing off the tube (prevents contamination)



STERILE





110240-10

110240-10

Cytology Brush, working length 180 cm, sterile, for single use, package of 10, for use with flexible endoscopes with working channels as of diameter 2 mm

110241-10

Cytology Brush, working length 230 cm, sterile, for single use, package of 10, for use with flexible endoscopes with working channels as of diameter 2.8 mm

## **ERCP and Spray Catheters**



## mtp

### **Special Features:**

- Suitable for guide wire (ERCP catheter)
- X-ray resistant tip (ERCP catheter)
- Mandrel for anti-kink protection (ERCP and spray catheter)





110260-05

110260-05

**ERCP Catheter,** filliform, with X-ray ring, with double LUER-Lock connector and mandrel, for guide wire 0.035", working length 200 cm, sterile, for single use, package of 5, for use with flexible endoscopes with working channels as of diameter 2 mm

110261-10

**Spray Catheter,** axial atomization, working length 180 cm, sterile, for single use, package of 10, for use with flexible endoscopes with working channels as of diameter 2 mm

110262-10 **Same,** working length 230 cm

9

## **Guide Wire, Bite Protector**





### **Special Features:**

- Good visibility under X-ray thanks to stainless steel wire
- LubriSkin™ surface for non-stick, easy-glide wire





110970-05

110970-05

**Guide Wire 0.035",** straight flexible tip, other side rigid, PTFE-coated, in dispenser, length 300 cm, sterile, for single use, package of 5

#### **Special Features:**

- Optimal attachment due to wide, latex-free rubber strap
- Side openings offering additional manipulation if required
- Patient-friendly concave shape







110250-100

**Bite Protector,** dark green, with rubber strap, for single use, package of 100

6

76 GE-MTP 12

## **Cleaning Brushes**





## **Special Features:**

- Excellent hygienic safety thanks to double-sided brush and single-use product
- Rounded tips to protect the endoscope from damage





110910-50

AMMANA LEIN	110910-50	Cleaning Brush, with double-sided brush, length 220 cm, brush diameter 5 mm, unsterile, for single use, package of 50, for use with flexible endoscopes with working channel diameters 2.8 – 4.2 mm
CARANARAN	110915-50	Cleaning Brush, with double-sided brush, length 220 cm, brush diameter 3 mm, unsterile, for single use, package of 50, for use with flexible endoscopes with working channel diameters 2 – 2.3 mm
<u> → 1996/000/09/09/04/4/6/604</u>	110917-50	Cleaning Brush, with double-sided brush, length 220 cm, brush diameter 1.5 mm, unsterile, for single use, package of 50, for use with flexible endoscopes with a working channel diameter of 1.2 mm
	110920-10	Biofilm Removal Device Cleaning Brush, flocked, length 200 cm, unsterile, for single use, package of 10, for use with flexible endoscopes with a working diameter of 1.2 mm

GE-MTP 13 77

## **Cleaning Brushes**

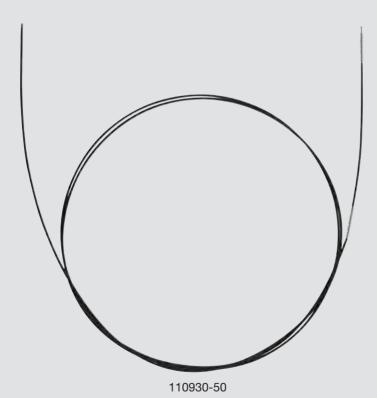




#### **Special Features:**

- Brush filaments become softer from distal to proximal to remove coarse and fine debris during each brushing process, thus reducing the risk of biofilm
- Distally conical brush head
- Distal brush head is green to ensure safe insertion of the distal end
- In the case of thin-lumened cleaning brushes, the distal brush head has been replaced by two proximally mounted brush heads to make insertion into the working channel easier
- Brush tip end ensures maximum protection of the working channel

- Clear and unambiguous identification of the working channel diameter through color coding
- Individual intermediate sizes adapted to working channel length and diameter for time-saving and hygienically safe reprocessing
- Practical dispenser box with perforated individual packaging for easy removal
- Ready for use
- User-friendly design
- Enhanced hygiene safety
- No risk of cross-contamination
- Time savings by eliminating the need to reprocess reusable cleaning brushes
- Cleaning effectiveness proven by standard regulations







Cleaning Brushes, for working channel sizes 1.2 – 1.5 mm:

110930-50 **Biofilm Removal Device Cleaning Brush,** length 90 cm, brush diameter 1.7 mm, unsterile, for single use, package of 50, for use with flexible endoscopes with working channel diameters 1.2 – 1.5 mm

110931-50 **Same,** length 125 cm 110932-50 **Same,** length 200 cm

4-17

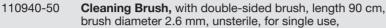
78 GE-MTP 14

## **Cleaning Brushes**





## Cleaning Brushes, for working channel sizes 2 - 2.3 mm:



package of 50, for use with flexible endoscopes with

working channel diameters 2 - 2.3 mm

110941-50 **Same,** length 120 cm 110942-50 **Same,** length 160 cm





## Cleaning Brushes, for working channel sizes 2.6 - 3 mm:

110950-50 Cleaning Brush, with double-sided brush, length 120 cm,

brush diameter 3.2 mm, unsterile, for single use, package of 50, for use with flexible endoscopes with working channel

diameters 2.6 - 3 mm

110951-50 **Same,** length 165 cm 110952-50 **Same,** length 250 cm

#### Cleaning Brushes, for working channel sizes 3.2 - 4.2 mm:

110960-50 Cleaning Brush, with double-sided brush, length 140 cm,

brush diameter 4.5 mm, unsterile, for single use, package of 50, for use with flexible endoscopes with working channel

diameters 3.2 – 4.2 mm

110961-50 **Same,** length 190 cm

110962-50 **Same,** length 230 cm



# LAPAROSCOPY IN SURGERY, GYNECOLOGY, UROLOGY

NEEDLES, TROCARS FOR LAPAROSCOPY
TROCAR VALVES84
FinRay FORCEPS INSERT,  CLICK'line* FORCEPS INSERTS AND SCISSORS INSERTS, KNIFE INSERT
INSUFFLATION TUBING SETS, GAS FILTERS AND ACCESSORIES, SMOKE EVACUATION 90-96
IRRIGATION/SUCTION HANDLES AND IRRIGATION/SUCTION PROBES
TUBING SETS
EXTRACTION BAGS, ACCESSORIES FOR ROTOCUT G1/G2
SPARE PARTS AND ACCESSORIES



## **VERESS Pneumoperitoneum Needles**





### **Special Features:**

 Choice between male or female LUER-Lock connector to a three-way stopcock (020180-01, 020190-01)







020180-10 VERESS **Pneumoperitoneum Needle,** insufflation stopcock with male and female LUER-Locks, length 120 mm, sterile, for single use, package of 10

020181-10 VERESS **Pneumoperitoneum Needle,** length 120 mm, sterile, for single use, package of 10

020190-10 VERESS **Pneumoperitoneum Needle,**insufflation stopcock with male and female
LUER-Locks, length 150 mm, sterile, for single
use, package of 10

## **Trocars for Laparoscopy**





#### **Special Features:**

- Cost-effective, economical trocars
- Light weight helps maintain trocar positioning
- Threaded sleeves for better anchoring in the abdominal wall
- Transparent sleeves provide better visualization
- Reducer caps included (except for 020206-30)



83



020206-30 **Trocar,** with conical trocar tip, for instruments with diameter 5 mm, length 100 mm, sterile, for single use, package of 30

020274-10 **Trocar,** with conical trocar tip and insufflation stopcock, for instruments with diameter 10 mm, length 100 mm, including 5 mm reducer cap, sterile, for single use, package of 10

020275-10 **Trocar,** with blunt trocar tip (for the Hasson technique) and insufflation stopcock, for instruments with diameter 10 mm, length 100 mm, including 5 mm reducer cap, sterile, for single use, package of 10

020276-10 **Trocar,** with conical trocar tip and insufflation stopcock, for instruments with diameter 12 mm, length 100 mm, including 5 mm reducer cap, sterile, for single use, package of 10

## **Trocar Valves**

Sizes 6 and 11 mm





### **Special Features:**

- Trocar valves protect instruments and facilitate extracorporeal knotting techniques
- Light weight makes it easier to maintain positioning





Trocar valves size 6 mm for use with telescopes and instruments sizes 5 mm and 5.5 mm Trocar valves size 11 mm for use with telescopes and instruments size 10 mm





021108-05

**Trocar Valve,** size 6 mm, sterile, for single use, package of 5, for use with cannulas size 6 mm



021109-05

**Trocar Valve,** size 11 mm, sterile, for single use, package of 5, for use with cannulas size 11 mm

## **FinRay Forceps Insert**





The sterile FinRay forceps insert is the ideal instrument developed and evolved over millions of years. In for the safe and atraumatic dissection and grasping of comparison to conventional forceps, the risk of injury sensitive tissue. It is not approved for use with HF and crushing is reduced to a minimum through this current! The bionic forceps insert was designed to bionic approach. replicate the optimized structure of the fish fin that has

#### **Special Features:**

- Atraumatic jaws: Allow manipulation of even very sensitive tissue
- Sensitive force transmission thanks to optimal force distribution: Time savings through faster and more secure manipulation
- Finger-like grasping mechanism: In contrast to conventional forceps that close from the front to the back, the reverse jaw-closing mechanism allows precise grasping of various tissue structures
- Optimal ergonomics in combination with the CLICK'line system

For use with CLICK'line sheaths and metal handles in combination with trocars size 11 mm







081110-10



081110-10



081110-10

FinRay Forceps Insert, size 10 mm, working length 36 cm, sterile, for single use, package of 10, for use with CLICK line sheaths and handles in combination with trocars size 11 mm

# CLICK line Forceps Inserts and Scissors Inserts



For use with CLICK/liné handles (e.g., 33151) and CLICK/liné outer sheaths
(e.g., 33300) in combination with trocars size 6 mm

34310 MA-S

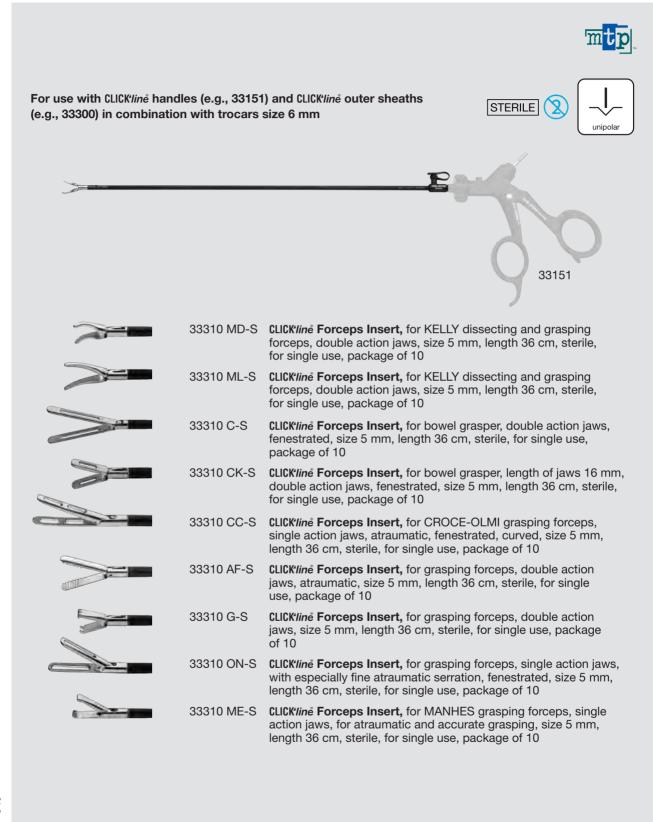
CLICK/liné Scissors Insert, for scissors, double action jaws, serrated jaws, spoon-shaped, size 5 mm, length 36 cm, sterile, for single use, package of 10

34310 MS-S

CLICK/liné Scissors Insert, for METZENBAUM scissors, double action jaws, curved, size 5 mm, length 36 cm, sterile, for single use, package of 10

# CLICK'line Forceps Inserts and Scissors Inserts





## **Scissors Inserts with Outer Sheath**



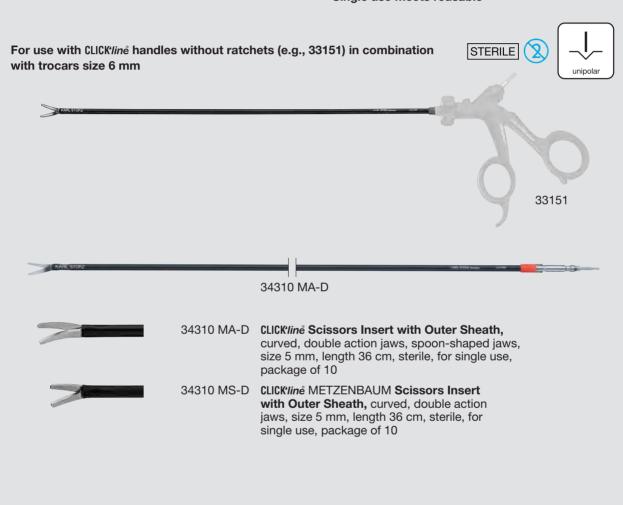




#### **Special Features:**

- Scissor blades are always sharp and/or with optimal cutting effect
- Sterile packed for immediate use in the OR
- Proven scissor blade design

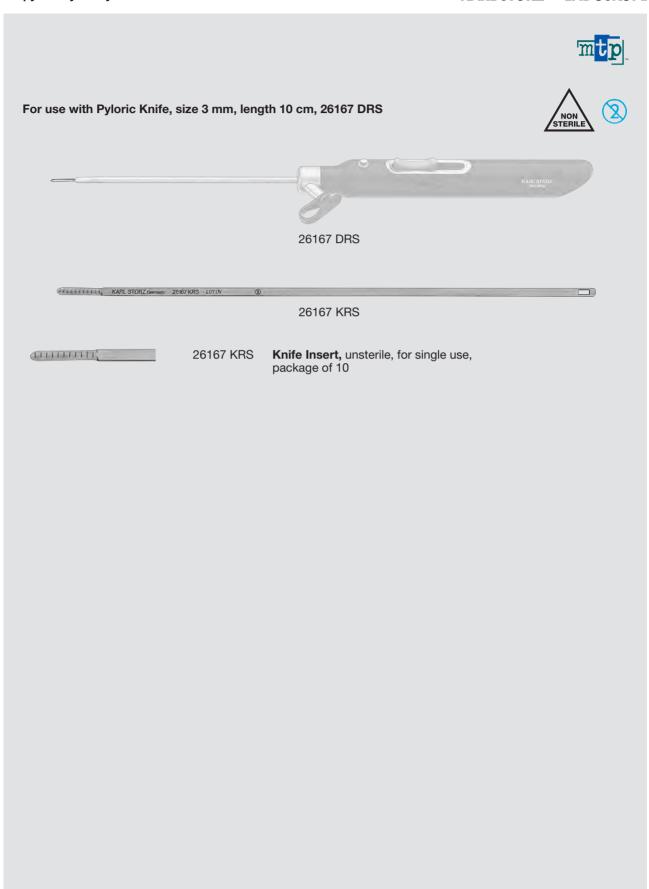
- Compatible with all handles from the CLICK'line series (without ratchet)
- Packed in individual blister packs and delivered in packages of 10 in a dispenser box
- Cost-effective solution: "Single use meets reusable"



## **Knife Insert**

for pyloromyotomy







STERILE



#### **Special Features:**

- Protects patients and equipment against contamination
- Gas flow of up to 50 I/min
- Preheated gas for better view and patient comfort (031210-10)

For use with electronic ENDOFLATOR®, THERMOFLATOR®, **ENDOFLATOR® 40 and ENDOFLATOR® 50** 



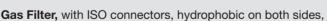






031200-10





031122-25 sterile, for single use, package of 25, for use with insufflation units with a maximum gas flow of 50 l/min (Electronic ENDOFLATOR®, THERMOFLATOR®, ENDOFLATOR® 40 and ENDOFLATOR® 50)

031200-10 Insufflation Tubing Set with Gas Filter, length 300 cm, hydrophobic on both sides, sterile, for single use, package of 10, for use with insufflation units with a maximum gas flow of 50 l/min (Electronic ENDOFLATOR®, THERMOFLATOR®, ENDOFLATOR® 40

and ENDOFLATOR® 50)

031210-10 Insufflation Tubing Set with Gas Filter, length 300 cm, heatable, hydrophobic on both sides, sterile, for single use, package of 10,

for use with ENDOFLATOR® 50





STERILE

### **Special Features:**

- Protects patients and equipment against contamination
- Two patient-side tubing connectors for gas flow up to 20 l/min with LUER-Lock
- Possible to use only one tubing connector by using a roller clamp

For use with electronic ENDOFLATOR®, THERMOFLATOR®, ENDOFLATOR® 40 and ENDOFLATOR® 50





031622-10 Insufflation Tubing Set with Gas Filter, length 400 cm, two patient-side tube connections, hydrophobic on both sides, sterile, for single use, package of 10, for use with insufflation units with a maximum gas flow of 30 l/min (Electronic ENDOFLATOR®, THERMOFLATOR®, ENDOFLATOR® 40 and ENDOFLATOR® 50)

16





#### **Special Features:**

- Protects patients and equipment against contamination
- Gas flow of up to 30 I/min

#### For use with electronic ENDOFLATOR® and THERMOFLATOR®





031222-10

031222-10 Insufflation Set with Gas Filter, length 320 cm, hydrophobic on both sides, sterile, for single use, package of 10, for use with insufflation units with

a maximum gas flow of 30 l/min (Electronic ENDOFLATOR®, THERMOFLATOR®)

including:

10x Gas Filter with Insufflation Tube, sterile

**Adaptor with Tube** 

**Adaptor** 

#### **Accessories**



031822-01

**Adaptor,** with 15 cm tube, unsterile, for use with Filters 031122-25 and 031222-10 in combination with insufflation

units without ISO connectors

031922-10

Adaptor, size 15M/22M, unsterile, package of 10, for use with Filters 031122-25 and 031222-10 for THERMOFLATOR® when using the OPTITHERM®

heating element





NON STERILE





#### **Special Features:**

- Protects patients and equipment against contamination
- Patient- or unit-side connection possible



93

For use with ARTHROFLATOR®, CO<sub>2</sub> ENDOFLATOR®, electronic ENDOFLATOR®, N<sub>2</sub>O ENDOFLATOR® and LAPAROFLATOR®









031221-10

031121-10 **Gas Filter,** with patient-side tube and male LUER-Lock, hydrophobic on both sides, sterile, for single use, package of 10, for use with insufflation units with a maximum gas flow of 10 l/min (ARTHROFLATOR®, CO<sub>2</sub> ENDOFLATOR®, Electronic ENDOFLATOR®, N<sub>2</sub>O ENDOFLATOR® and LAPAROFLATOR®)

031221-10 Insufflation Tubing Set with Gas Filter, length 300 cm, with male and female LUER-Locks, hydrophobic on both sides, sterile, for single use, package of 10, for use with insufflation units with a maximum gas flow of 10 I/min (ARTHROFLATOR®, CO<sub>2</sub> ENDOFLATOR®, Electronic ENDOFLATOR®, N<sub>2</sub>O ENDOFLATOR® and LAPAROFLATOR®)

## **Smoke Evacuation**

**Tubing Set** 





## **Special Features:**

- Connector for second suction tube for parallel suction of fluids
- Roller clamp for regulating the suction pressure of smoke and gas





### For use with S-PILOT®





031447-10

031447-10 **Tubing Set for Smoke, Gas and Fluid Suction,** with connector for second suction tube, sterile, for single use, package of 10, for use with S-PILOT®, for laparoscopy

## **Smoke Evacuation**

**Smoke Evacuation Filter** 





## **Special Features:**

- Effective filtration at a rate of 99.9999 %
- Protects the patient and the surgical team against viruses, bacteria and harmful particles





### For use with S-PILOT®





031111-10

031111-10 **Smoke Evacuation Filter,** unsterile, for single use, package of 10

## **Smoke Evacuation**

**Smoke Evacuation Filter** 





### **Special Features:**

- Effective filtration at a rate of 99.9999 %
- Protects the patient and the surgical team against viruses, bacteria and harmful particles





### For use with trocars with LUER-Lock connectors





031110-10

031110-10 **Smoke Evacuation Filter Set,** with 50 cm tube, with male LUER-Lock, sterile, for single use, package of 10, for use with trocars with LUER-Lock connector

# Irrigation/Suction Handles and Irrigation/Suction Probes





#### **Special Features:**

- Color coding (blue=irrigation, red=suction)
- Ergonomic design







#### Irrigation/Suction Handles, with suction tubes

030138-10 Irrigation/Suction Handle, with suction tube and

irrigation/suction probe, sterile, for single use, package of 10, for use with irrigation tubing sets with patient-side silicone tube,

inner diameter 5 mm

030238-10 Irrigation/Suction Handle, with irrigation and suction tube and

irrigation/suction probe, sterile, for single use, package of 10,

for use with irrigation liquid bags (without pump)

## **Irrigation/Suction Probes**





030903-10 Irrigation/Suction Probe, diameter 3 mm, length 250 mm,

4 holes, sterile, for single use, package of 10, for use with Irrigation/Suction Handles 030138-01 and 030238-01



#### 030905-10

030905-10 **Irrigation/Suction Probe,** diameter 5 mm, length 450 mm, 16 holes, sterile, for single use, package of 10, for use with

16 holes, sterile, for single use, package of 10, for use with Irrigation/Suction Handles 030138-01 and 030238-01



#### 030910-10

030910-10 Irrigation/Suction Probe, diameter 10 mm, length 330 mm,

16 holes, sterile, for single use, package of 10, for use with Irrigation/Suction Handles 030138-01 and 030238-01

Suction and Irrigation Pumps for use with Irrigation/Suction Handles and Irrigation/Suction Probes see LAPAROSCOPY IN SURGERY, GYNECOLOGY, UROLOGY catalog

for irrigation and suction





#### For use with HAMOU® ENDOMAT® 26 3310 20 or ENDOMAT® LC SCB









031218-10

031219-10

031218-10 Complete Tubing Set, with two puncture cannulas, sterile, for single use, package of 10, for use with Handles 37112 A (straight) and 37113 A (pistol grip) as well as 37112 RV in combination with HAMOU® ENDOMAT® 26 3310 20, for laparoscopy

031219-10 Complete Tubing Set, with two puncture cannulas, sterile, for single use, package of 10, for use with Handles 37112 A (straight) and 37113 A (pistol grip) as well as 37112 RV in combination with ENDOMAT® LC SCB

for irrigation and suction

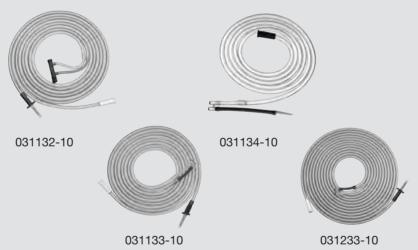




For use with Handles 30810 and/or 37112 A (straight), 37113 A (pistol grip) and 37112 RV







031132-10	<b>Tubing Set,</b> sterile, for single use, package of 10
	for use with Handle 30810

031133-10	Tubing Set, sterile, for single use, package of 10,
	for use with Handles 37112 A (straight) and
	37113 A (nistal arin) und 37112 RV

031134-10	Tubing Set, sterile, for single use, package of 10,
	for use with Handles 37112 A (straight) and
	37113 A (pistol grip) as well as 37112 RV
	in combination with silicone tube inner diameter
	5 mm at the patient end

031233-10 **Tubing Set,** extra long, sterile, for single use, package of 10, for use with Handles 37112 A (straight), 37113 A (pistol grip) and 37112 RV

5-16

LAP-MTP 19

for irrigation and suction





## **Special Features:**

 No risk of confusion when placing the connectors





For use with ENDOMAT® SELECT or HAMOU® ENDOMAT® SCB 26 3311 20-1





031524-10 **Tubing Set for Irrigation,** FC, sterile, for single use, package of 10, for use with HAMOU® ENDOMAT® SCB **26** 3311 20-1 and ENDOMAT® SELECT

030647-10 **Tubing Set for Suction,** DS, sterile, for single use, package of 10, for use with ENDOMAT® SELECT

for irrigation and suction





## **Special Features:**

 No risk of confusion when placing the connectors

For use with ENDOMAT® SELECT or HAMOU® ENDOMAT® SCB 26 3311 20-1





031524-10





031524-10 **Tubing Set for Irrigation,** FC, sterile, for single use, package of 10, for use with HAMOU® ENDOMAT® SCB **26** 3311 20-1 and ENDOMAT® SELECT



030547-01



030547-01 **Tubing Set for Suction,** 150 cm, with EXTRA-LARGE LUER-Lock, unsterile, for use with HAMOU® ENDOMAT® SCB **26** 3311 20-1

**Irrigation Tubing Sets** 





## **Special Features:**

- Optical product matching thanks to clear color coding (red)
- Automatic product recognition and mode selection via the pump (LAP mode)





For use with HAMOU® ENDOMAT® 26 3310 20 or LAPAROMAT®





031118-10	<b>Tubing Set,</b> with two puncture cannulas, sterile, for single use, package of 10, for use with HAMOU® ENDOMAT® <b>26</b> 3310 20, for laparoscopy
031141-10	Tubing Set, with two Care-Lock connectors, sterile, for single use, package of 10, for use with HAMOU® ENDOMAT®

031159-10 **Tubing Set,** with two puncture cannulas, sterile, for single use, package of 10, for use with LAPAROMAT®, for laparoscopy

**26** 3310 20, for laparoscopy

**Pump Tubing Day Set and Patient Tube** 





### **Special Features:**

- Optical product matching thanks to clear color coding (red)
- Automatic product recognition and mode selection via the pump (LAP mode)

For use with HAMOU® ENDOMAT® 26 3310 20





031168-10

STERILE

031168-10 **Pump Tubing Day Set,** with two puncture cannulas, sterile, package of 10, for use with HAMOU® ENDOMAT® **26** 3310 20, for laparoscopy, in combination with Patient Tube 031162-10



031162-10





103

031162-10

O **Patient Tube,** sterile, for single use, package of 10, for use with Pump Tubing Day Set 031161-10, 031167-10, 031261-10 and 031767-10

5-16

LAP-MTP 23

**Insertion Adaptors** 





## For use with CADIERE Suction and Irrigation Handle 38112 C











031135-10

031136-10

**Insertion Adaptor,** with LUER-Lock connector and tube olive for suction and irrigation, sterile, for 031135-10 single use, package of 10, for use with CADIERE Suction and Irrigation Handle 38112 C

**Insertion Adaptor and Suction Tube,** with LUER-Lock connector, sterile, for single use, package of 10, 031136-10 for use with CADIERE Suction and Irrigation Handle

38112 C

## **Extraction Bags**

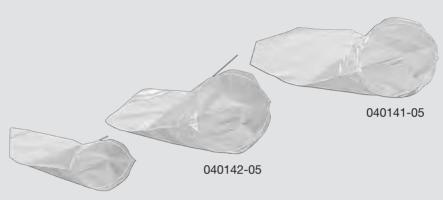




### **Special Features:**

- One extraction bag pre-packaged in an insertion aid: Easy insertion through 10 mm trocar
- Easy to insert extraction bag via a pusher: Trocar can be used again for other instruments
- Self-opening extraction bag: No time-consuming bag opening necessary
- Tear-resistant and transparent material: High levels of safety and protection against contamination
- KÖCHLI bag extractor is recommended for easy retrieval of extraction bags





040143-05

040141-05	Extraction Bag, opening diameter 11 cm, volume 1500 ml,
	sterile, for single use, package of 5, for use with trocars

size 10 mm

040142-05 Extraction Bag, opening diameter 10 cm, volume 800 ml,

sterile, for single use, package of 5, for use with trocars size 10 mm

040143-05 Extraction Bag, opening diameter 6 cm, volume 200 ml,

sterile, for single use, package of 5, for use with trocars

size 10 mm

## **ENDOBAG Extraction Bag**



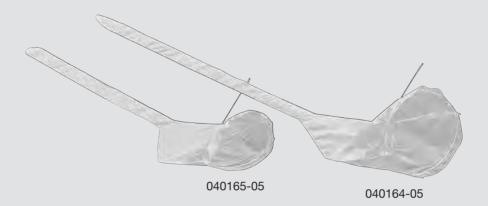


#### **Special Features:**

- One extraction bag pre-packaged in an insertion aid: Easy insertion through 10 mm trocar
- Easy to insert extraction bag via a pusher: Trocar can be used again for other instruments
- Self-opening ENDOBAG: No time-consuming bag opening necessary
- Unique, patented shape: Straightforward retrieval of the ENDOBAG possible; enlargement of incision can be avoided if necessary
- Tear-resistant and transparent material: High levels of safety and protection against contamination







040164-05 **ENDOBAG Extraction Bag,** work volume 260 ml,

filling volume 62 ml, working section opening diameter 10 cm, length of container section 35 cm, sterile, for single use, package of 5, for use with trocars size 10 mm

trocars size 10 mm

040165-05 **ENDOBAG Extraction Bag,** work volume 200 ml, filling volume 53 ml, working section opening

filling volume 53 ml, working section opening diameter 7 cm, length of container section 20 cm, sterile, for single use, package of 5, for use with

trocars size 10 mm

## **TRAPBAG Extraction Bag**

with one-way trapping principle





#### **Special Features:**

- One extraction bag pre-packaged in an insertion aid: Easy insertion through 10 mm trocar
- Easy to insert extraction bag via a pusher: Trocar can be used again for other instruments
- Self-opening TRAPBAG: No time-consuming bag opening necessary
- Unique, patented fish trap seal:
   Leakage of fluids and tissue samples reduced
- Reuse and memory wire: Greater protection against contamination through double seal
- Tear-resistant and transparent material: High levels of safety





040343-05

040343-05 **TRAPBAG Extraction Bag,** opening diameter 6 cm, volume 200 ml, sterile, for single use, package of 5, for use with trocars size 10 mm

### MiniTwin TRAPBAG

Mini Extraction Bag





### **Special Features:**

- Two extraction bags pre-packaged in one twotiered insertion aid: Separate insertion through 10 mm trocar
- Self-opening MiniTwin TRAPBAGs: No timeconsuming bag opening necessary
- Bags are easily distinguishable: Tissue samples are easy to identify
- Unique, patented fish trap seal:
   Leakage of fluids and tissue samples reduced
- Reuse and memory wire: Greater protection against contamination through double seal





040302-05

**MINITWIN TRAPBAG,** 2 mini extraction bags, opening diameter 3 cm, volume 20 ml, sterile, for single use, package of 5, for use with trocars size 10 mm

### **Accessories for ROTOCUT G1/G2**

Morcellator Knives, Valve Plate





#### **Special Features:**

- Clear color coding facilitates identification of knives and outer sheaths
- Perfect cutting properties as product is for single use
- Additional working length for adipose patients

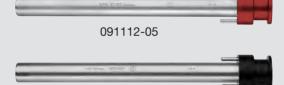
For use with Morcellator ROTOCUT G1/G2 26721 RC, 26723 RC and 26725 RC











091115-05

091112-05 Morcellator Knife, diameter 11 mm, working length 9.5 cm, sterile, for single use, package of 5,

color code: red

091115-05 Morcellator Knife, diameter 15 mm, working length

9.5 cm, sterile, for single use, package of 5,

color code: black

091122-05 Morcellator Knife, diameter 11 mm, working length

12.5 cm, sterile, for single use, package of 5,

color code: red

091125-05 Morcellator Knife, diameter 15 mm, working length

12.5 cm, sterile, for single use, package of 5,

color code: black

26720 P Valve Plate, package of 10





LAP-MTP 29 109







Size 2.5 mm For use with cannula size 2.5 mm, 11603 G5







Size 3.5 mm For use with cannulas sizes 3 and 3.5 mm, 30114 G5, 30114 G6 and 30114 RT



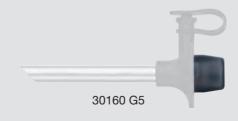
color code: blue



30114-XV3 **Valve Seal,** for single use, package of 10, color code: green

Size 6 mm For use with cannulas size 6 mm, 30160 G5, 30160 G6, 30160 RT and S-PORT® Seal 23030 SA

30160-XV5

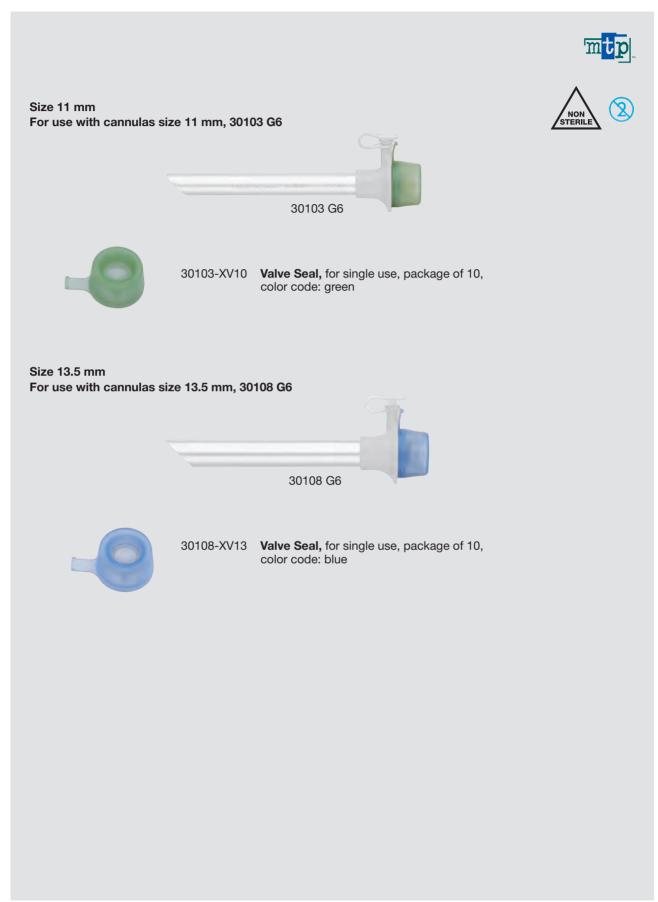




Valve Seal, for single use, package of 10, color code: black



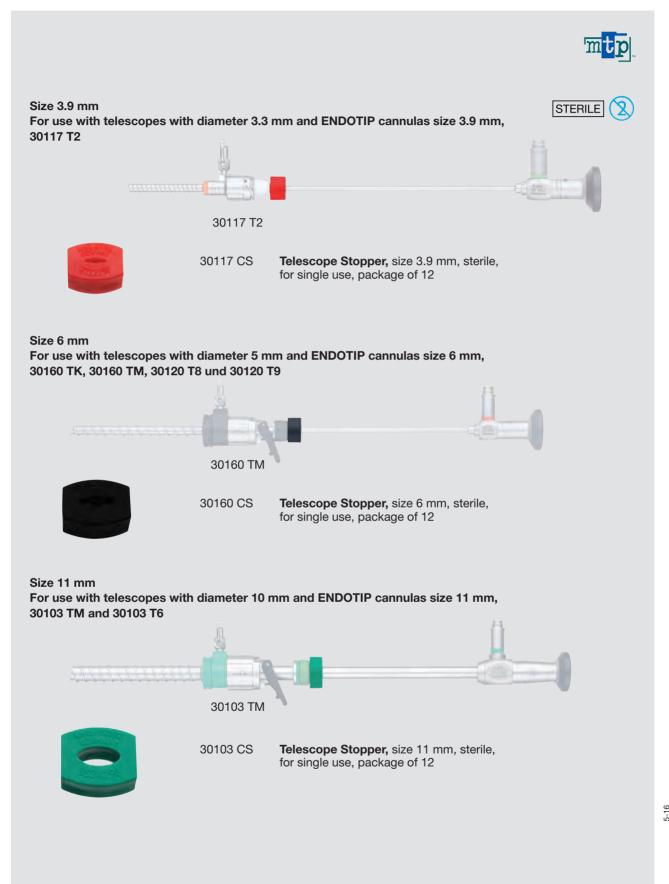




LAP-MTP 31 111

**Telescope Stoppers** 





112 LAP-MTP 32







For use with LEROY S-PORT®, single portal surgery access system 23030 PA





23030 PA

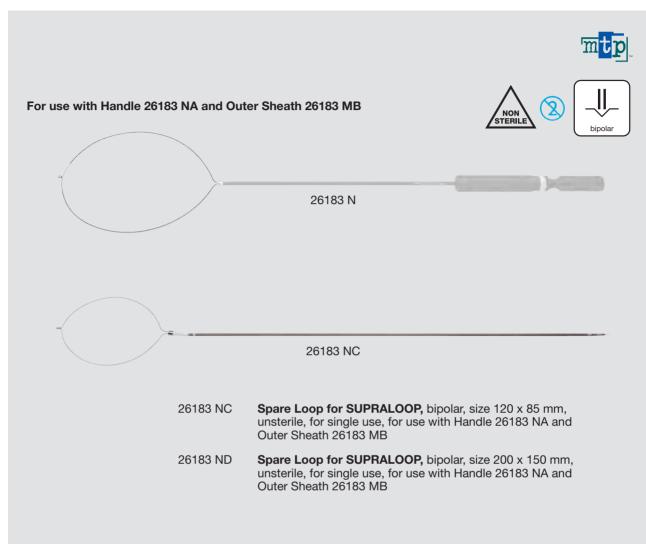


23030 FA

23030 FA **Wound Protector,** 90 x 90 cm, hole size 7 cm, sterile, for single use, package of 10





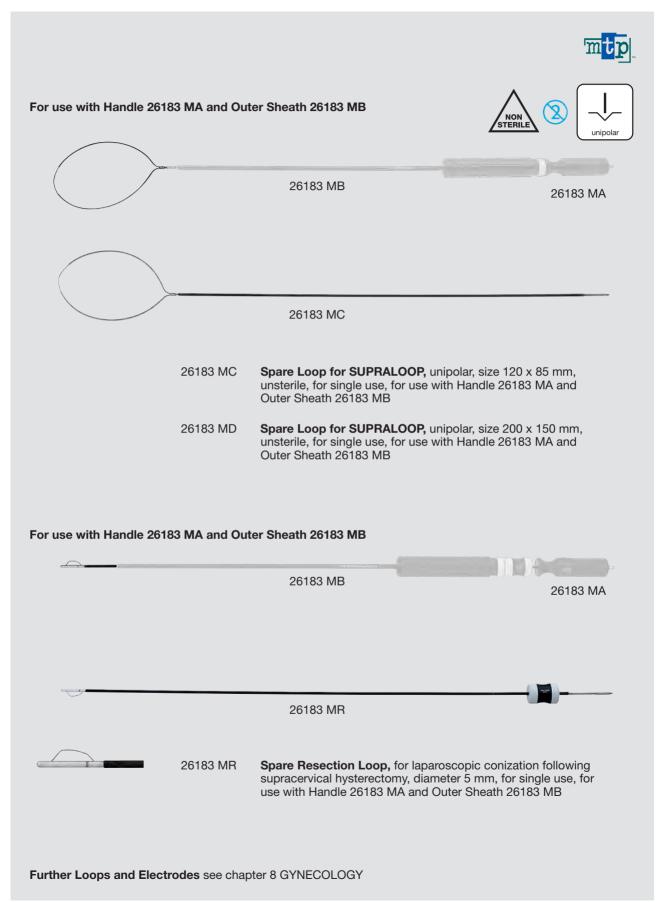


5-16

Further Loops and Electrodes see chapter 8 GYNECOLOGY

BRUCKER/MESSROGHLI **SUPRALOOP Spare Loops**, unipolar, **Spare Resection Loop**, unipolar





LAP-MTP 35



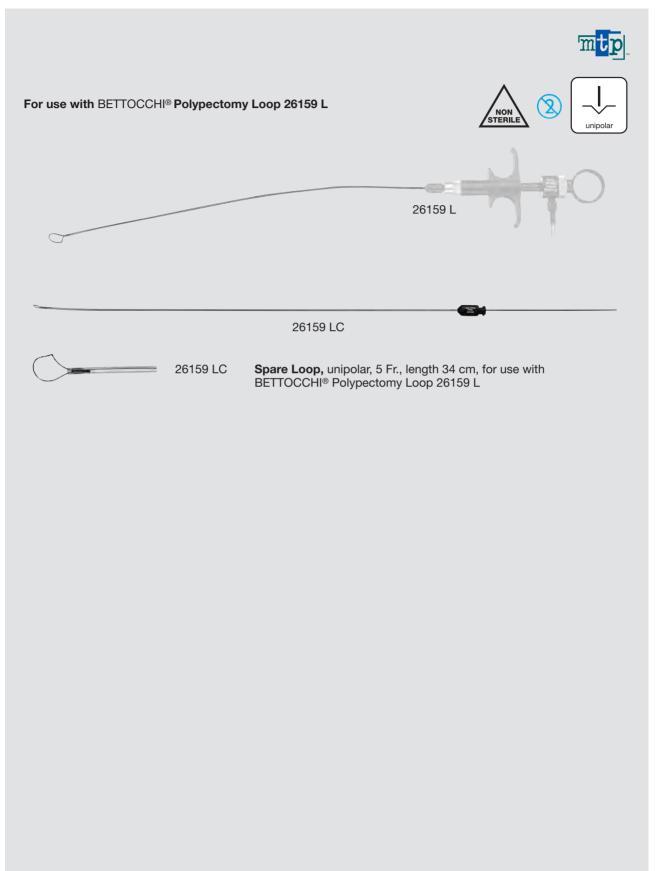
## **GYNECOLOGY**

POLYPECTOMY LOOPS118
UNIPOLAR ELECTRODES FOR RESECTOSCOPE SYSTEMS 119-122
BIPOLAR ELECTRODES FOR RESECTOSCOPE SYSTEMS 123-125
PUNCTURE NEEDLES, INSTRUMENTS FOR FETOSCOPY
ACCESSORIES FOR BLOOD SAMPLING
INSUFFLATION TUBING SETS, GAS FILTERS AND ACCESSORIES, TUBING SETS
SPARE PARTS AND ACCESSORIES

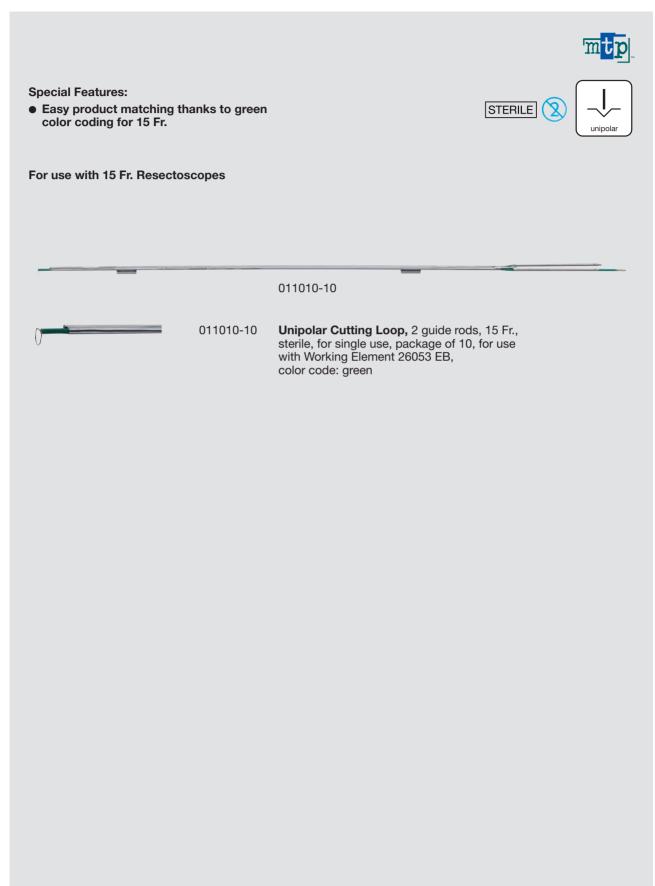


## **Polypectomy Loops**













### **Special Features:**

- Easy product matching thanks to white color coding for 19/22 Fr.
- Single-use product guarantees functionality



### For use with 22 Fr. Resectoscopes

	011220-10
011220-10	Unipolar Cutting Loop, angled, 1 guide rod, 22 Fr., sterile, for single use, package of 10, for use with Working Elements 26055 E and 27054 E, color code: white
011223-10	Unipolar Coagulation Electrode, pointed, 1 guide rod, 22 Fr., sterile, for single use, package of 10, for use with Working Elements 26055 E and 27054 E, color code: white
011224-10	Unipolar Coagulation Electrode, ball end, diameter 3 mm, 1 guide rod, 22 Fr., sterile, for single use, package of 10, for use with Working Elements 26055 E and 27054 E, color code: white
011222-10	Unipolar Cutting Loop, angled 25°, 1 guide rod, 22 Fr., sterile, for single use, package of 10, for use with Working Elements 26055 E and 27054 E, color code: white
011221-10	Unipolar VAPORCUT® Electrode, band width 1.2 mm, 1 guide rod, 22 Fr., sterile, for single use, package of 10, for use with Working Elements 26055 E and 27054 E, color code: white
011225-10	<b>Unipolar Roller Electrode,</b> cylindrical, 1 guide wire, 22 Fr., sterile, for single use, package of 10, for use with Working Elements 26055 E and 27054 E, color code: white



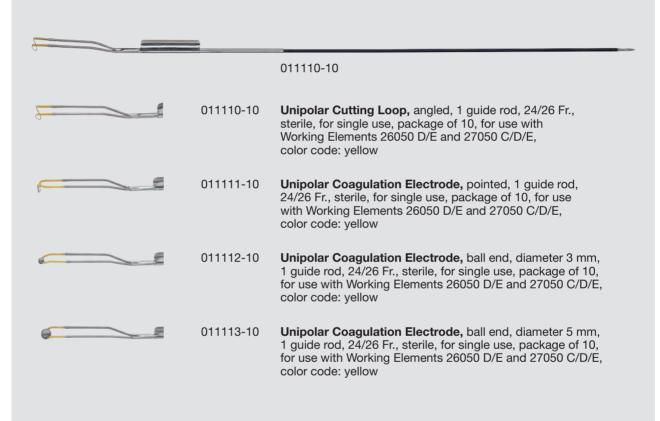


### **Special Features:**

- Easy product matching thanks to yellow color coding for 24/26 Fr.
- Single-use product guarantees functionality



For use with 24/26 Fr. Resectoscopes







### **Special Features:**

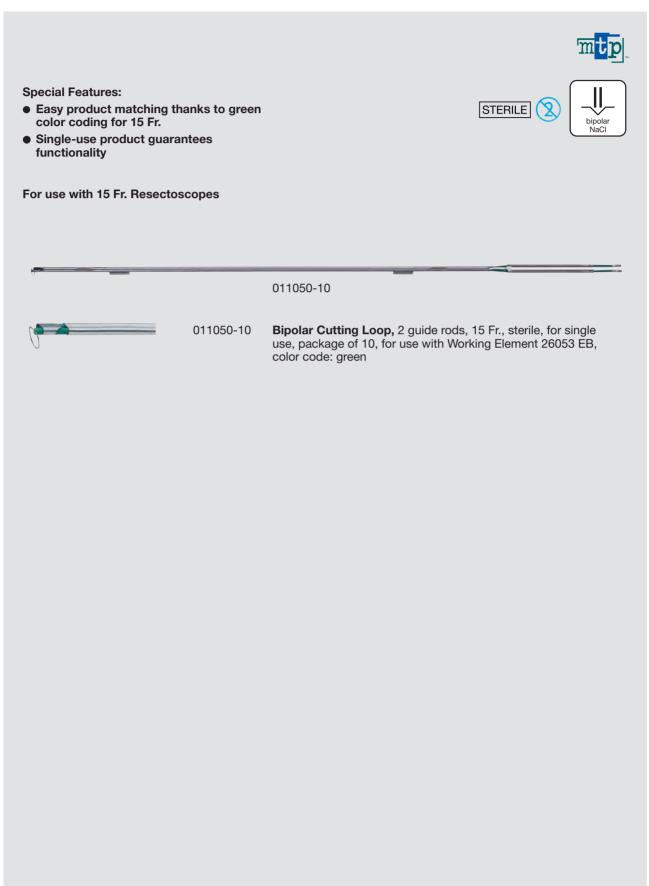
- Easy product matching thanks to yellow color coding for 24/26 Fr.
- Single-use product guarantees functionality





40: 010000	=	
		011110-10
	011118-10	Unipolar Cutting Loop, longitudinal, 1 guide rod, 24/26 Fr., sterile, for single use, package of 10, for use with Working Elements 26050 D/E and 27050 C/D/E, color code: yellow
	011119-10	Unipolar Coagulation Electrode, cylindrical, diameter 3 mm, 1 guide rod, 24/26 Fr., sterile, for single use, package of 10, for use with Working Elements 26050 D/E and 27050 C/D/E, color code: yellow
	011120-10	Unipolar Coagulation Electrode, cylindrical, diameter 5 mm, 1 guide rod, 24/26 Fr., sterile, for single use, package of 10, for use with Working Elements 26050 D/E and 27050 C/D/E, color code: yellow
	011121-10	Unipolar VAPORCUT® Electrode, band width 1.2 mm, 1 guide rod, 24/26 Fr., sterile, for single use, package of 10, for use with Working Elements 26050 D/E and 27050 C/D/E, color code: yellow
	011122-10	Unipolar Coagulation Needle Electrode, angled, 1 guide rod, 24/26 Fr., sterile, for single use, package of 10, for use with Working Elements 26050 D/E, color code: yellow









### **Special Features:**

- Easy product matching thanks to white color coding for 19/22 Fr.
- Single-use product guarantees functionality





For use with 19/22 Fr. Resectoscopes

		011250-10
•	011250-10	Bipolar Cutting Loop, 2 guide rods, 22 Fr., sterile, for single use, package of 10, for use with Working

Elements 26055 EB and 27054 EB, color code: white

011251-10 Bipolar Coagulation Electrode, pointed, 2 guide

**Bipolar Coagulation Electrode,** pointed, 2 guide rods, 22 Fr., sterile, for single use, package of 10, for use with Working Elements 26055 EB and 27054 EB, color code: white

011252-10 **Bipolar Coagulation Electrode,** ball end, 2 guide rods, 22 Fr., sterile, for single use, package of 10, for use with Working Elements 26055 EB and 27054 EB,

color code: white





### **Special Features:**

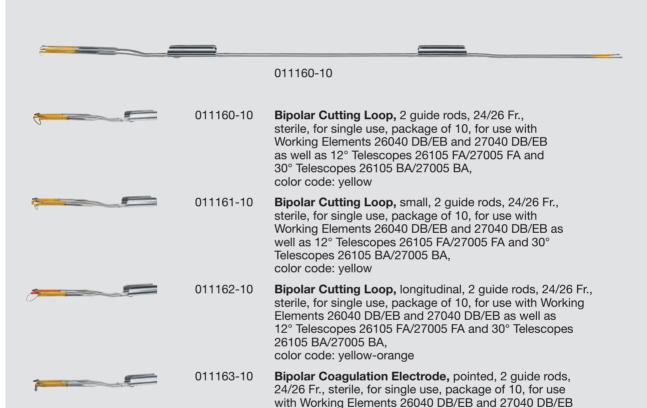
- Easy product matching thanks to yellow or yellow-orange color coding for 24/26 Fr.
- Universally usable for 12° and 30° telescopes
- Single-use product guarantees functionality

For use with 24/26 Fr. Resectoscopes









color code: yellow

color code: yellow

011156-10

as well as 12° Telescopes 26105 FA/27005 FA and

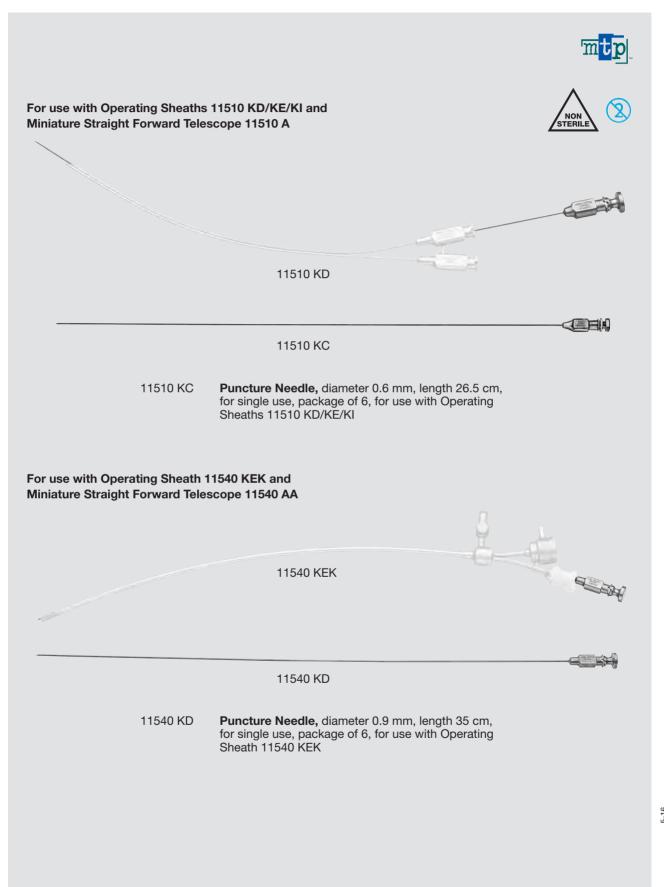
**Bipolar Coagulation Electrode,** ball end, 2 guide rods, 24/26 Fr., sterile, for single use, package of 10, for use with Working Elements 26040 DB/EB and 27040 DB/EB as well as 12° Telescopes 26105 FA/27005 FA and

30° Telescopes 26105 BA/27005 BA,

30° Telescopes 26105 BA/27005 BA,

## **Puncture Needles**

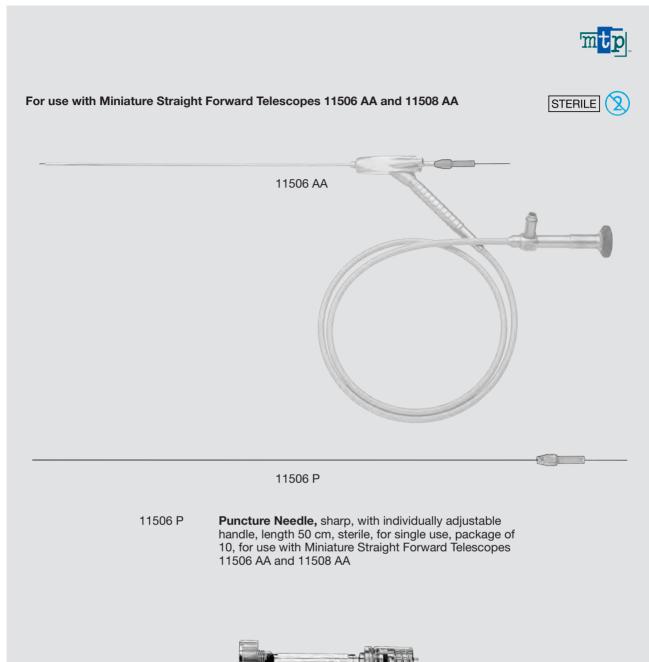




126 GYN-MTP 10

# **Puncture Needles and Tuohy Borst**



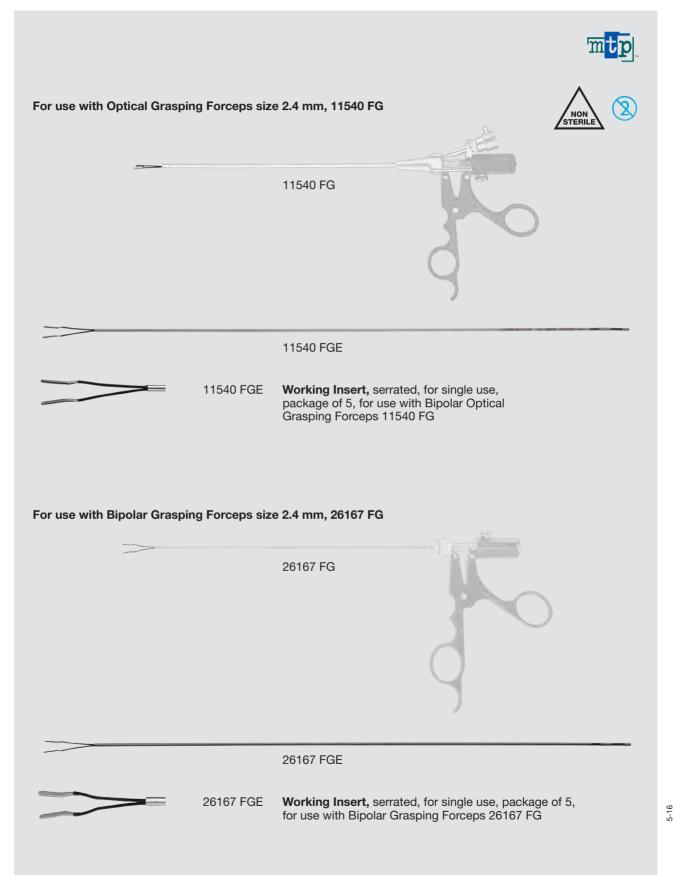




11510 V **Tuohy Borst Y-Connector,** rotating, with one-way stopcock, sterile, for single use, package of 5

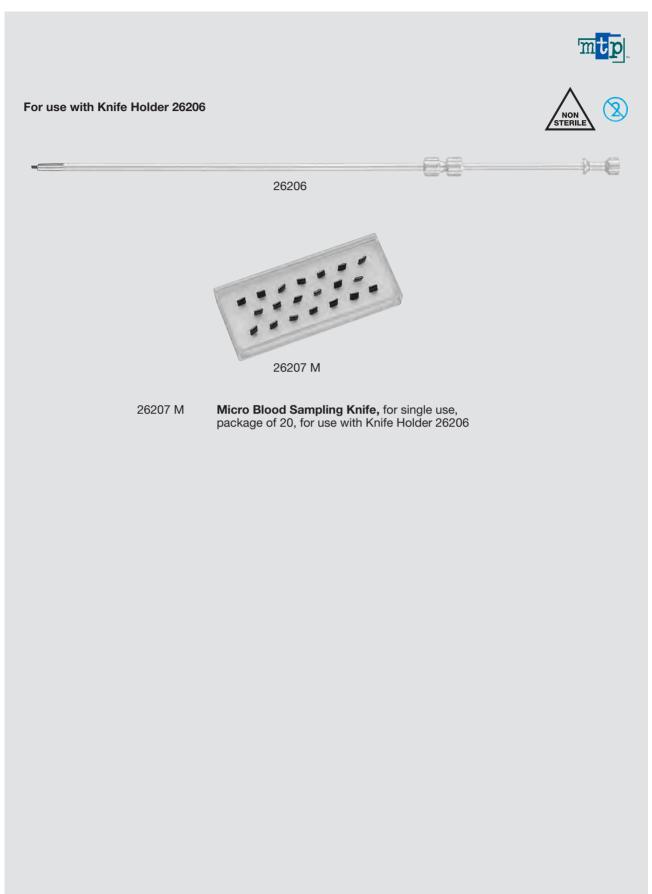
# Instruments for die Fetoscopy











GYN-MTP 13 129

## **Insufflation Tubing Sets, Gas Filters and Accessories**





#### For use with HAMOU® MICRO HYSTEROFLATOR SCB







031123-10

031123-10 Gas Filter, for fluid irrigation, with male LUER-Lock connector and female LUER-Lock connector, sterile, for single use, package of 10, for use with insufflation units with a maximum gas flow of 1 I/min (HAMOU® MICRO HYSTEROFLATOR SCB)

for irrigation and suction





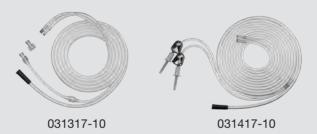
### **Special Features:**

 Monobloc connector eliminates confusion between irrigation and suction ports



For use with B.I.O.H.® Compact Hysteroscopes 26252 BB/BC/BH in combination with HAMOU® ENDOMAT® 26 3310 20 and/or HYSTEROMAT E.A.S.I.® SCB





031317-10 **Tubing Set,** with Monobloc connector and irrigation and suction tube, sterile, for single use, package of 10, for use with B.I.O.H.® Compact Hysteroscopes 26252 BB/BC/BH in combination with HAMOU® ENDOMAT® **26** 3310 20 (connection to pump only with Pump Tubing Day Set 031167-10)

031417-10 **Tubing Set,** with Monobloc connection and irrigation and suction tube, with two puncture needles, sterile, for single use, package of 10, for use with B.I.O.H.® Compact Hysteroscopes 26252 BB/BH

for irrigation and suction





### **Special Features:**

 Optical product matching thanks to clear color coding (red and blue)





For use with HYSTEROMAT E.A.S.I.® SCB





031217-10 **Tubing Set for Suction,** sterile, for single use, package of 10, for use with HYSTEROMAT E.A.S.I.® SCB and UROMAT E.A.S.I.® SCB

031717-10 **Tubing Set for Irrigation,** with two puncture cannulas, sterile, for single use, package of 10, for use with HYSTEROMAT E.A.S.I.® SCB and UROMAT E.A.S.I.® SCB

**Pump Tubing Day Set and Patient Tube** 





### **Special Features:**

 Optical product matching thanks to clear color coding (red and blue)

#### For use with HYSTEROMAT E.A.S.I.® SCB





031767-10

STERILE

031767-10 Pump Tubing Day Set, with two puncture cannulas, sterile, package of 10, for use with HYSTEROMAT E.A.S.I.® SCB and UROMAT E.A.S.I.® SCB in combination with Patient Tubes 031162-10 and 031262-10



031162-10



031262-10



031162-10

**Patient Tube,** sterile, for single use, package of 10, for use with Pump Tubing Day Set 031161-10, 031167-10, 031168-10, 031261-10 and 031767-10

031262-10

**Tubing Set,** with Monobloc connector, sterile, for single use, package of 10, for use with B.I.O.H.® Compact Hysteroscopes 26252 BB/BC/BH in combination with HYSTEROMAT E.A.S.I.® SCB (for use with Tubing Day Sets 031267-01, 031767-01)

5-16

GYN-MTP 17

for suction





### **Special Features:**

 Optical product matching thanks to clear color coding (red and blue)

#### For use with HYSTEROMAT E.A.S.I.® SCB





031267-10



031267-10 **Tubing Set,** day set for suction, unsterile, package of 10, for use with HYSTEROMAT E.A.S.I.® SCB (for use with Tubing Set 031262-10)



031262-10



031262-10 **Tubing Set,** with Monobloc connector, sterile, for single use, package of 10, for use with B.I.O.H.® Compact Hysteroscopes 26252 BB/BC/BH in combination with HYSTEROMAT E.A.S.I.® SCB (for use with Tubing Day Sets 031267-01, 031767-01)

for irrigation and suction





### **Special Features:**

- No risk of confusion when placing the connectors
- Automatic product recognition and mode selection via the pump



### For use with ENDOMAT® SELECT





031523-10 **Tubing Set for Irrigation**, PC, sterile, for single use, package of 10, for use with HAMOU® ENDOMAT® SCB **26** 3311 20-1 and ENDOMAT® SELECT

030647-10 **Tubing Set for Suction,** DS, sterile, for single use, package of 10, for use with ENDOMAT® SELECT

for irrigation and suction





### **Special Features:**

 No risk of confusion when placing the connectors

For use with HAMOU® ENDOMAT®SCB 26 3311 20-1











031523-10 **Tubing Set for Irrigation**, PC, sterile, for single use, package of 10, for use with HAMOU® ENDOMAT® SCB **26** 3311 20-1 and ENDOMAT® SELECT



030547-01



030547-01 **Tubing Set for Suction,** 150 cm, with EXTRA-LARGE LUER-Lock, unsterile, for use with HAMOU® ENDOMAT® SCB **26** 3311 20-1

**Irrigation Tubing Set** 





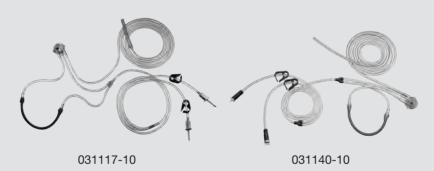
### **Special Features:**

- Optical product matching thanks to clear color coding (blue)
- Automatic product recognition and mode selection via the pump (HYS mode)



For use with HAMOU® ENDOMAT® 26 3310 20 for hysteroscopy and HYSTEROMAT® II





031117-10 **Tubing Set for Irrigation,** with two puncture cannulas, sterile, for single use, package of 10, for use with HAMOU® ENDOMAT® **26** 3310 20, for hysteroscopy and HYSTEROMAT® II

031140-10 **Tubing Set,** with two Care-Lock connectors, sterile, for single use, package of 10, for use with HAMOU® ENDOMAT® **26** 3310 20, for hysteroscopy and HYSTEROMAT® II

**Pump Tubing Day Set and Patient Tube** 





### **Special Features:**

- Optical product matching thanks to clear color coding (blue)
- Automatic product recognition and mode selection via the pump (HYS mode)

For use with HAMOU® ENDOMAT® 26 3310 20 for hysteroscopy and HYSTEROMAT® II





031167-10

STERILE

031167-10 Pump Tubing Day Set, with two puncture cannulas, sterile, package of 10, for use with HAMOU® ENDOMAT® 26 3310 20, for hysteroscopy and HYSTEROMAT® II, in combination with Patient Tube 031162-10



031162-10



031162-10 **Patient Tube,** sterile, for single use, package of 10, for use with Pump Tubing Day Set 031161-10, 031167-10, 031168-10, 031261-10 and 031767-10







The endoscopic seal for the working channel of an endoscope is designed to minimize the leakage of fluid or gas. Due to the removable LUER-Lock male connector,

the endoscopic seal is compatible with both a LUER-Lock female connector and an olive connector.

### **Special Features:**

- For instruments and catheters with 3 7 Fr. or 4 - 10 Fr.
- Double sealing technology for maximum tightness
- For LUER-Lock and olive connectors
- Funnel-shaped for easier insertion of instruments
- For gynecology, urology and proctology







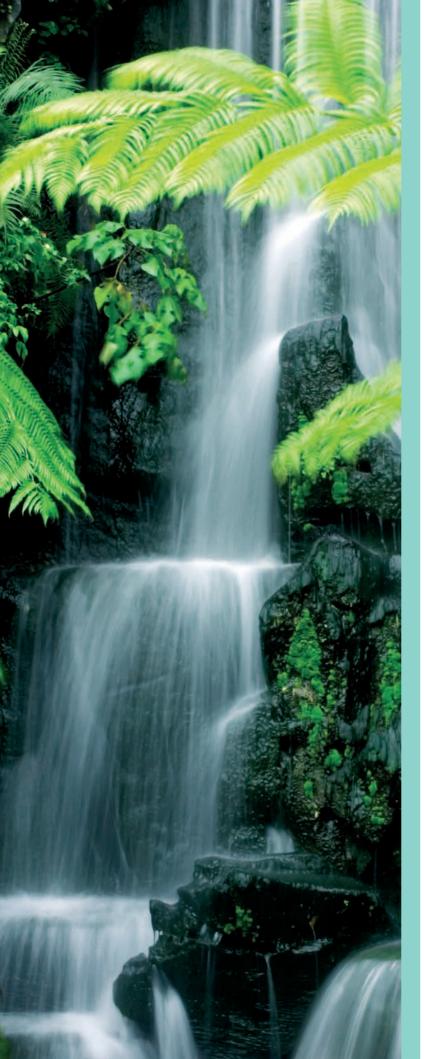
100010-10

Sealing Cap "Endoscopic Seal", sterile, for single use, for working channels of 3 - 7 Fr. instruments, package of 10



100020-10

Sealing Cap "Endoscopic Seal", sterile, for single use, for working channels of 4 – 10 Fr. instruments, package of 10



## **UROLOGY**

UNIPOLAR ELECTRODES FOR RESECTOSCOPE SYSTEMS 142-146
BIPOLAR ELECTRODES FOR RESECTOSCOPE SYSTEMS 147-150
LASER FIBERS, URETHROTOME KNIVES151-152
INSTRUMENTS FOR PEDIATRICS
BOUGIES AND CATHETERS, GUIDE WIRES, CYTOLOGY BRUSHES, STONE BASKETS
TUBING SETS
SPARE PARTS AND ACCESSORIES







## **Special Features:**

- Easy product matching thanks to white color coding for 19/22 Fr.
- Single-use product guarantees functionality



### For use with 22 Fr. Resectoscope Sheaths

	011220-10
011220-10	Unipolar Cutting Loop, angled, 1 guide rod, 22 Fr., sterile, for single use, package of 10, for use with Working Elements 26055 E and 27054 E, color code: white
011223-10	Unipolar Coagulation Electrode, pointed, 1 guide rod, 22 Fr., sterile, for single use, package of 10, for use with Working Elements 26055 E and 27054 E, color code: white
011224-10	Unipolar Coagulation Electrode, ball end, diameter 3 mm, 1 guide rod, 22 Fr., sterile, for single use, package of 10, for use with Working Elements 26055 E and 27054 E, color code: white
011222-10	<b>Unipolar Cutting Loop,</b> angled 25°, 1 guide rod, 22 Fr., sterile, for single use, package of 10, for use with Working Elements 26055 E and 27054 E, color code: white
011221-10	Unipolar VAPORCUT® Electrode, band width 1.2 mm, 1 guide rod, 22 Fr., sterile, for single use, package of 10, for use with Working Elements 26055 E and 27054 E, color code: white
011225-10	Unipolar Roller Electrode, cylindrical, 1 guide wire, 22 Fr., sterile, for single use, package of 10, for use with Working Elements 26055 E and 27054 E, color code: white

16





## **Special Features:**

- Easy product matching thanks to yellow and brown color coding for 24/26 Fr. and/or 27/28 Fr.
- Single-use product guarantees functionality







## For use with 24/26 Fr. and/or 27/28 Fr. Resectoscope Sheaths

=	
	011110-10
011110-10	Unipolar Cutting Loop, angled, 1 guide rod, 24/26 Fr., sterile, for single use, package of 10, for use with Working Elements 26050 D/E and 27050 C/D/E, color code: yellow
011210-10	Same, 27/28 Fr., for use with Working Elements 27050 C/D/E, color code: brown
011111-10	Unipolar Coagulation Electrode, pointed, 1 guide rod, 24/26 Fr., sterile, for single use, package of 10, for use with Working Elements 26050 D/E and 27050 C/D/E, color code: yellow
011211-10	<b>Same,</b> 27/28 Fr., for use with Working Elements 27050 C/D/E, color code: brown
011112-10	Unipolar Coagulation Electrode, ball end, diameter 3 mm, 1 guide rod, 24/26 Fr., sterile, for single use, package of 10, for use with Working Elements 26050 D/E and 27050 C/D/E, color code: yellow
011212-10	Same, 27/28 Fr., for use with Working Elements 27050 C/D/E, color color: brown
011113-10	Unipolar Coagulation Electrode, ball end, diameter 5 mm, 1 guide rod, 24/26 Fr., sterile, for single use, package of 10, for use with Working Elements 26050 D/E and 27050 C/D/E, color code: yellow
011213-10	Same, 27/28 Fr., for use with Working Elements 27050 C/D/E, color code: brown





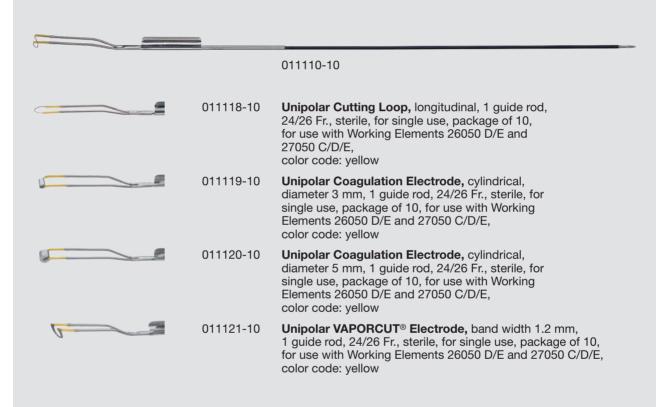
#### **Special Features:**

- Easy product matching thanks to yellow color coding for 24/26 Fr.
- Single-use product guarantees functionality





For use with 24/26 Fr. Resectoscope Sheaths







### **Special Features:**

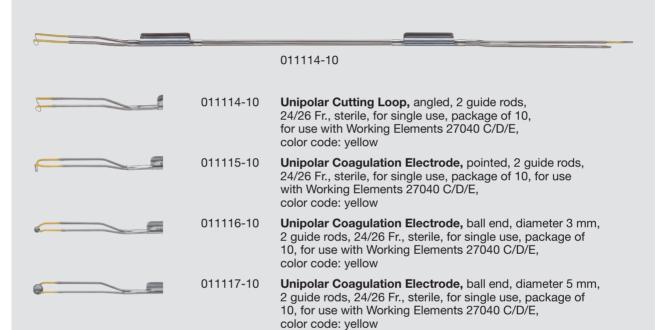
- Easy product matching thanks to yellow color coding for 24/26 Fr.
- Single-use product guarantees functionality







For use with 24/26 Fr. Resectoscope Sheaths



## **Extra-long Unipolar Electrodes for Resectoscope Systems**





## **Special Features:**

- Easy product matching thanks to yellow-blue color coding for 24/26 Fr.
- Single-use product guarantees functionality



For use with 24/26 Fr. Resectoscope Sheaths

	011240-10
011240-10	Unipolar Cutting Loop, angled, 1 guide rod, 24/26 Fr., sterile, for single use, package of 10, for use with Working Elements 27050 DP/EP, color code: yellow-blue
011241-10	Unipolar Coagulation Electrode, pointed, 1 guide rod, 24/26 Fr., sterile, for single use, package of 10, for use with Working Elements 27050 DP/EP, color code: yellow-blue
011242-10	Unipolar Coagulation Electrode, ball end, diameter 3 mm, 1 guide rod, 24/26 Fr., sterile, for single use, package of 10, for use with Working Elements 27050 DP/EP, color code: yellow-blue





#### **Special Features:**

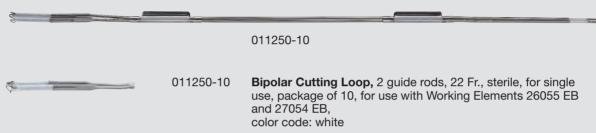
- Easy product matching thanks to white color coding for 22 Fr.
- Single-use product guarantees functionality







For use with 22 Fr. Resectoscope Sheaths



Bipolar Coagulation Electrode, pointed, 2 guide rods, 22 Fr., 011251-10 sterile, for single use, package of 10, for use with Working Elements 26055 EB and 27054 EB,

color code: white

011252-10 Bipolar Coagulation Electrode, ball end, 2 guide rods, 22 Fr., sterile, for single use, package of 10, for use with Working Elements 26055 EB and 27054 EB, color code: white





#### **Special Features:**

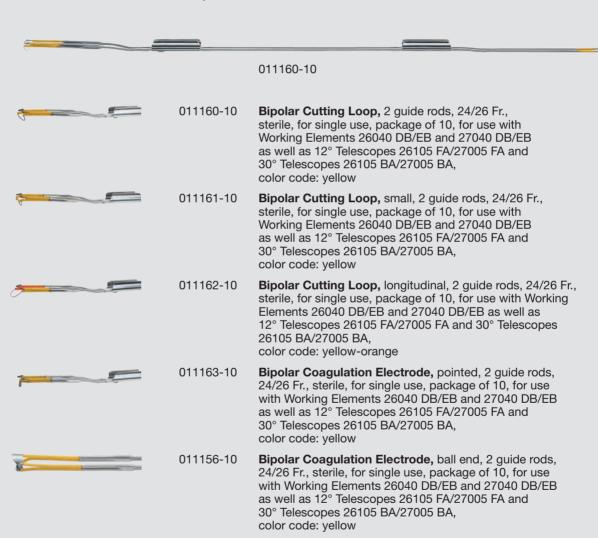
- Easy product matching thanks to yellow or yellow-orange color coding for 24/26 Fr.
- Universally usable for 12° and 30° telescopes
- Single-use product guarantees functionality







#### For use with 24/26 Fr. Resectoscope Sheaths







### **Special Features:**

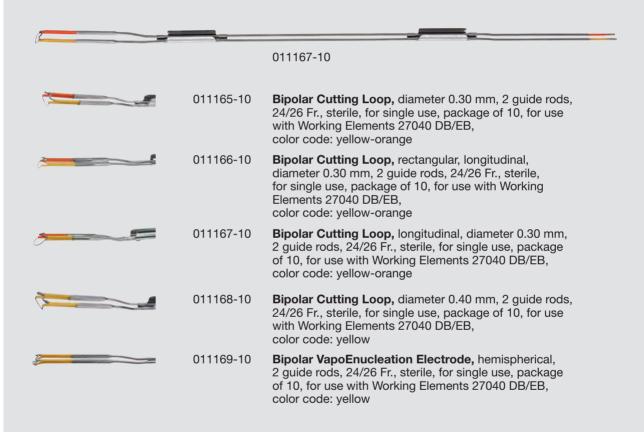
- Easy product matching thanks to yellow or yellow-orange color coding for 24/26 Fr.
- Universally usable for 12° and 30° telescopes
- Single-use product guarantees functionality







For use with 24/26 Fr. Resectoscope Sheaths



## **Extra-long Bipolar Electrodes for Resectoscope Systems**



## mtp

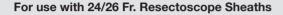
#### **Special Features:**

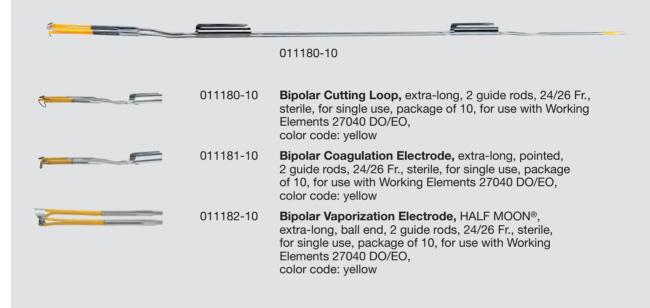
- Easy product matching thanks to yellow color coding for 24/26 Fr.
- Single-use product guarantees functionality











## **Laser Fibers**

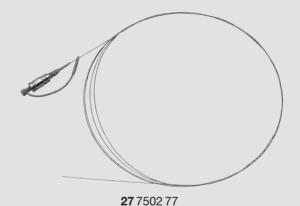




#### For use with CALCULASE II







**27**750277-P6 **CALCULASE II Fiber 230 μm,** length 300 cm, sterile, for single use, package of 6

**27**750278-P6 **CALCULASE II Fiber 365 μm,** length 300 cm, sterile, for single use, package of 6

**27** 7502 79-P6 **CALCULASE II Fiber 600 μm,** length 300 cm, sterile, for single use, package of 6

27 7502 86 CALCULASE II Fiber Kit

including:

3x CALCULASE II Fiber 230  $\mu$ m, sterile, for single use 3x CALCULASE II Fiber 365  $\mu$ m, sterile, for single use 3x CALCULASE II Fiber 600  $\mu$ m, sterile, for single use

5-16

URO-MTP 11 151

# **Urethrotome Knives for Optical Urethrotome Systems**





### **Special Features:**

- Perfect cutting thanks to single-use product
- Excellent hygienic safety



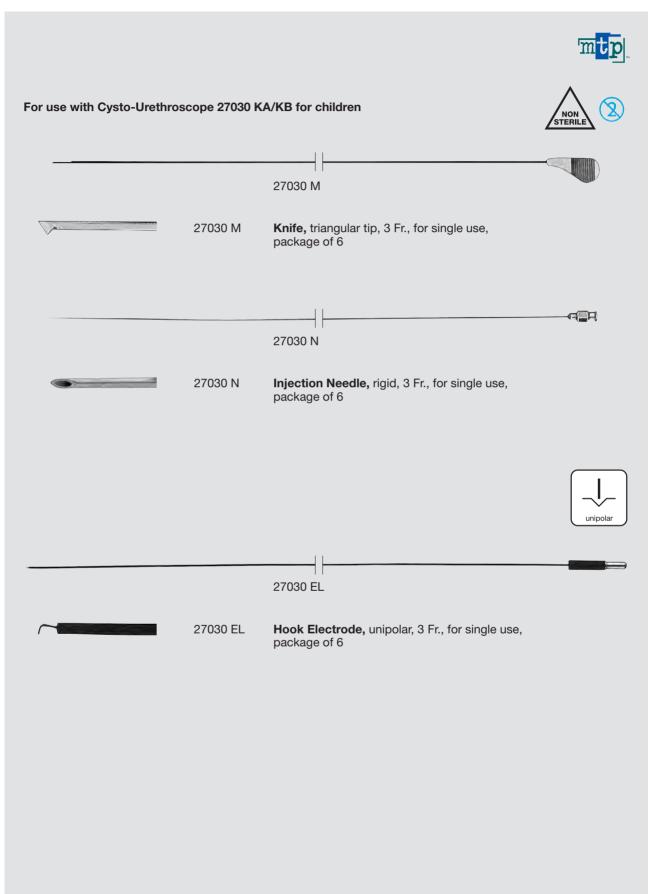


For use with Working Elements 27040 E, 27050 E and  $0^{\circ}$  Telescope 27005 AA

- the state of the		
		091210-10
	091210-10	SACHSE <b>Urethrotome Knife,</b> straight, 2 guide rods, sterile, for single use, package of 10, for use with Working Element 27040 E and 0° Telescope 27005 AA
	091220-10	SACHSE <b>Urethrotome Knife</b> , straight, 1 guide rod, sterile, for single use, package of 10, for use with Working Element 27050 E and 0° Telescope 27005 AA
	091211-10	<b>Urethrotome Knife,</b> round, 2 guide rods, sterile, for single use, package of 10, for use with Working Element 27040 E and 0° Telescope 27005 AA
	091221-10	<b>Urethrotome Knife,</b> round, 1 guide rod, sterile, for single use, package of 10, for use with Working Element 27050 E and 0° Telescope 27005 AA
		The knives are not to be used with HF current!

## Instruments for Pediatrics

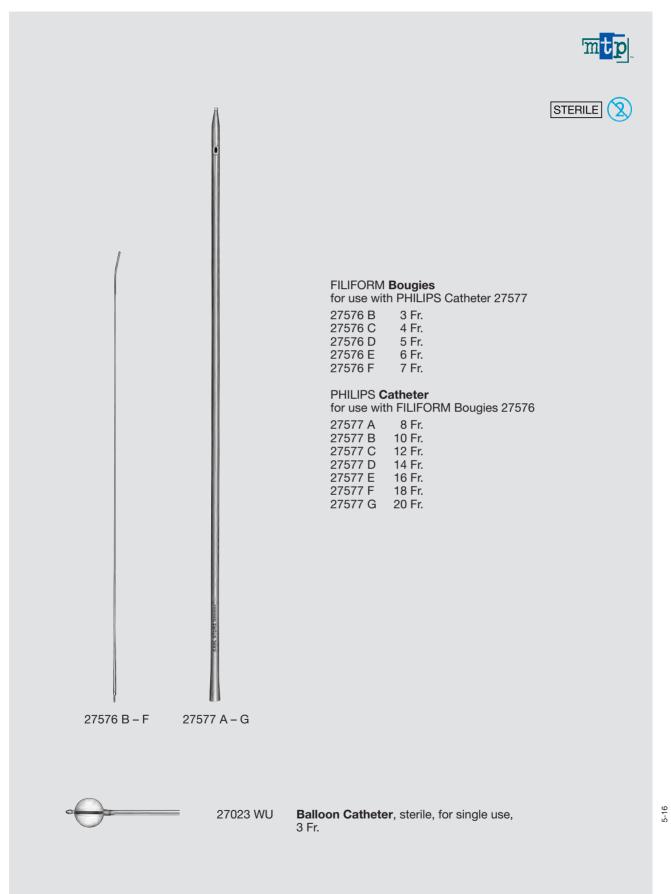




URO-MTP 13 153

## **Bougies and Catheters**





154 URO-MTP 14

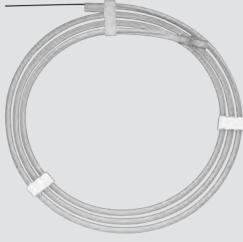
## **Guide Wires, Brushes**





For use with flexible Uretero-Reno-Fiberscopes 11278 A/AU and flexible Video Uretero-Renoscopes 11278 VS/VSU/V/VU





27025 P

27091 S

**Guide Wire,** for introduction through the Cannulas 27091 K/A, package of 2

27025 P

**Guide Wire,** with ball end, 3 Fr., sterile, package of 10

For use with 27000 L/K and 27001 L/K

NON STERILE



27023 Y

**Cytology Brush,** 3 Fr., unsterile, for single use, package of 5

## **Stone Baskets**



	m <mark>t</mark> p
For use with Uretero-Renoscopes and C	Systo-Urethroscopes STERILE 2
	27023 TH
27023 TH	<b>Stone Basket,</b> nitinol, with tip, straight, 5 Fr., length 90 cm, 4 wires, basket diameter 16 mm, sterile, for single use
27023 TD	Stone Basket, nitinol, with tip, helical, 2.5 Fr., length 120 cm, 4 wires, basket diameter 16 mm, sterile, for single use
27023 TF	Stone Basket, nitinol, with tip, helical, 3 Fr., length 120 cm, 4 wires, basket diameter 16 mm, sterile, for single use
27023 LD	Stone Basket, nitinol, without tip, straight, 2.5 Fr., length 120 cm, 4 wires, basket diameter 16 mm, sterile, for single use, package of 3
27023 KF	<b>Stone Basket,</b> nitinol, without tip, straight, 3 Fr., length 70 cm, 4 wires, basket diameter 12 mm, sterile, for single use
27023 LF	Stone Basket, nitinol, without tip, straight, 3 Fr., length 120 cm, 4 wires, basket diameter 12 mm, sterile, for single use
27023 LB	<b>Stone Basket,</b> nitinol, without tip, straight, 1.9 Fr., length 120 cm, 4 wires, basket diameter 12 mm, sterile, for single use

for irrigation and suction





### **Special Features:**

 Optical product matching thanks to clear color coding (red and blue)



#### For use with UROMAT E.A.S.I.® SCB





031217-10 **Tubing Set for Suction,** sterile, for single use, package of 10, for use with HYSTEROMAT E.A.S.I.® SCB and UROMAT E.A.S.I.® SCB

031717-10 **Tubing Set for Irrigation,** with two puncture cannulas, sterile, for single use, package of 10, for use with HYSTEROMAT E.A.S.I.® SCB and UROMAT E.A.S.I.® SCB

**Pump Tubing Day Set and Patient Tube** 





#### **Special Features:**

 Optical product matching thanks to clear color coding (red and blue)

#### For use with HYSTEROMAT E.A.S.I.® SCB





031767-10

STERILE

031767-10 **Pump Tubing Day Set,** with two puncture cannulas, sterile, package of 10, for use with HYSTEROMAT E.A.S.I.® SCB and UROMAT E.A.S.I.® SCB in combination with Patient Tubes 031162-10 and 031262-10



031162-10



031262-10





031162-10 **Patient Tube,** sterile, for single use, package of 10, for use with Pump Tubing Day Set 031161-10, 031167-10, 031261-10 and 031767-10

031262-10 **Tubing Set,** with Monobloc connector, sterile, for single use, package of 10, for use with B.I.O.H.® Compact Hysteroscopes 26252 BB/BC/BH in combination with HYSTEROMAT E.A.S.I.® SCB (for use with Tubing Day Sets 031267-01, 031767-01)

for irrigation and suction





## **Special Features:**

- No risk of confusion when placing the connectors
- Automatic product recognition and mode selection via the pump



## For use with ENDOMAT® SELECT





031523-10	<b>Tubing Set for Irrigation</b> , PC, sterile, for single use, package of 10, for use with HAMOU® ENDOMAT® SCB <b>26</b> 3311 20-1 and ENDOMAT® SELECT
030647-10	<b>Tubing Set for Suction,</b> DS, sterile, for single use, package of 10, for use with ENDOMAT® SELECT
031647-10	<b>Tubing Set for Suction,</b> BS, sterile, for single use, package of 10. for use with ENDOMAT® SELECT

91-1

URO-MTP 19 159

**Irrigation Tubing Sets** 





## **Special Features:**

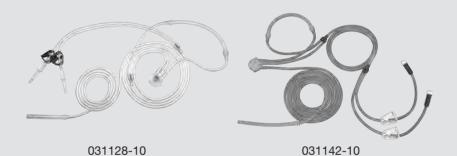
 Optical product matching thanks to clear color coding (white)





### For use with UROMAT and UROPUMP





031128-10 **Tubing Set,** with two puncture cannulas, sterile, for single use, package of 10, for use with ARTHROPUMP® SCB, ARTHROPUMP® plus, UROMAT and UROPUMP

031142-10 **Tubing Set,** with two Care-Lock connectors, sterile, for single use, package of 10, for use with ARTHROPUMP® SCB, ARTHROPUMP® plus, UROMAT and UROPUMP

**Pump Tubing Day Set and Patient Tube** 





### **Special Features:**

 Optical product matching thanks to clear color coding (white)

### For use with UROMAT and UROPUMP





031161-10

STERILE

031161-10 **Pump Tubing Day Set,** with two puncture cannulas, sterile, package of 10, for use with ARTHROPUMP® SCB, ARTHROPUMP® plus, UROMAT and UROPUMP in combination with Patient Tube 031162-10



031162-10



161

031162-10 **Patient Tube,** sterile, for single use, package of 10, for use with Pump Tubing Day Set 031161-10, 031167-10, 031261-10 and 031767-10

for suction





#### For use with S-PILOT®







031457-10

031457-10 **Tubing Set for Suction,** sterile, for single use, package of 10, for use with S-PILOT®, for urology/gynecology

for suction





#### For use with UROMAT and CALCUSON







031347-10 **Tubing Set for Suction,** sterile, for single use, package of 10, for use with UROMAT and CALCUSON

## **Spare Parts and Accessories**

Sealing Cap "Endoscopic Seal"





The endoscopic seal for the working channel of an endoscope is designed to minimize the leakage of fluid or gas. Due to the removable LUER-Lock male connector,

the endoscopic seal is compatible with both a LUER-Lock female connector and an olive connector.





#### **Special Features:**

- For instruments and catheters with 3 7 Fr. or 4 - 10 Fr.
- Double sealing technology for maximum tightness
- For LUER-Lock and olive connectors
- Funnel-shaped for easier insertion of instruments
- For gynecology, urology and proctology



100010-10

Sealing Cap "Endoscopic Seal", sterile, for single use, for working channels of 3 - 7 Fr. instruments, package of 10



100020-10

Sealing Cap "Endoscopic Seal", sterile, for single use, for working channels of 4 - 10 Fr. instruments, package of 10



## **PROCTOLOGY**

RUBBER LIGATURE RINGS 166	
POLYPECTOMY SNARES167	
GAS FILTER FOR RECTOVISION®168	
TUBING SETS169	
SPARE PARTS AND ACCESSORIES	



## **Rubber Ligature Rings**









**Rubber Ligature Ring,** containing latex, package of 100 25210 R

**Rubber Ligature Ring,** extra strong, containing latex, package of 100 25210 RP

Rubber Ligature Ring, latex-free, package of 100 25210 RL



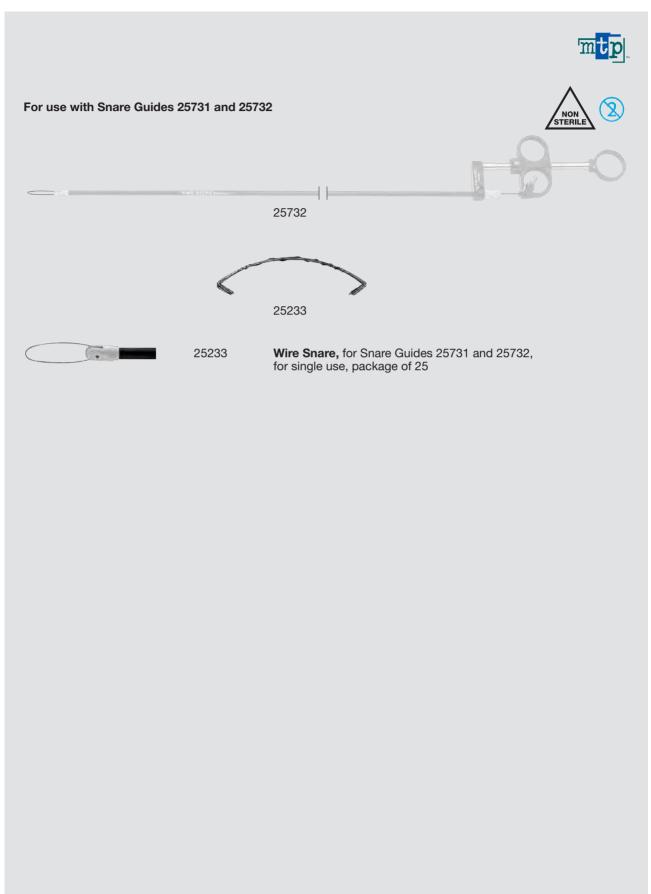




## **Polypectomy Snares**







## **Gas Filter**

for RECTOVISION®





For use with HAMOU® MICRO HYSTEROFLATOR SCB and Rubber Insufflation Bulb 40924









031123-10

031123-10 Gas Filter, for fluid irrigation, with male LUER-Lock connector and female LUER-Lock connector, sterile, for single use, package of 10, for use with insufflation units with a maximum gas flow of 1 l/min (HAMOU® MICRO HYSTEROFLATOR SCB)

**Irrigation Tubing Set** 





## **Special Features:**

- No risk of confusion when placing the connectors
- Automatic product recognition and mode selection via the pump



### For use with ENDOMAT® SELECT





031524-10

031524-10 **Tubing Set for Irrigation,** FC, sterile, for single use, package of 10, for use with HAMOU® ENDOMAT® SCB **26** 3311 20-1 and ENDOMAT® SELECT

## **Spare Parts and Accessories**

Brush Inserts and Sealing Cap for Video-assisted Fistula Therapy





#### **Brush Inserts**

For use with Fistula Brush 24514 and Fistulectomy Set 24511





24514

all the state of t

24514 A **Fistula Brush Insert,** outer diameter 4 mm 24514 B **Fistula Brush Insert,** outer diameter 4.5 mm 24514 C **Fistula Brush Insert,** outer diameter 5 mm





#### Sealing Cap "Endoscopic Seal"

The endoscopic seal for the working channel of an endoscope is designed to minimize the leakage of fluid or gas. Due to the removable LUER-Lock male connector,

the endoscopic seal is compatible with both a LUER-Lock female connector and an olive connector.

## **Special Features:**

- For instruments and catheters with 3 7 Fr. or 4 – 10 Fr.
- Double sealing technology for maximum tightness
- For LUER-Lock and olive connectors
- Funnel-shaped for easier insertion of instruments
- For gynecology, urology and proctology



100020-10

Sealing Cap "Endoscopic Seal", sterile, for single use, for working channels of 4 – 10 Fr. instruments, package of 10

6-16

170 PRO-MTP 6



## ARTHROSCOPY AND SPORTS MEDICINE

INSTRUMENTS FOR HARVESTING THE QUADRICEPS TENDON
GUIDE WIRES, DRILLING AND LARDING WIRES 173-174
PORTAL SYSTEMS FOR SHOULDER AND HIP ARTHROSCOPY, ACCESSORIES 175-179
SUTURE CATCHER180
SHAVER BLADES
IMPLANTS
ELECTRODES, SAW BLADES
TUBING SETS 196-200



## Instruments

for harvesting the quadriceps tendon





For use with Handle 28185 MH







28185 MH

This system was especially developed for harvesting the quadriceps tendon for MPFL reconstruction.

#### **Special Features:**

- Safe subcutaneous tendon harvesting
- Defined harvesting depth
- Attractive cosmetic results

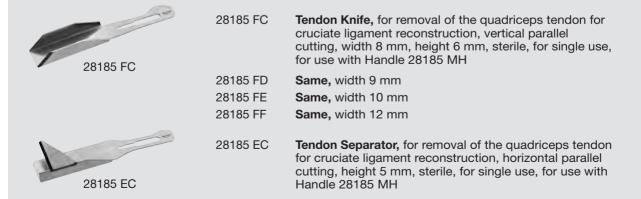


This system was especially developed for harvesting the quadriceps tendon for anterior cruciate ligament reconstruction.

#### **Special Features:**

- Safe subcutaneous tendon harvesting
- Defined harvesting depth

- Harvesting possible with or without bone block
- Attractive cosmetic results



For further information on the implant portfolio see ARTHROSCOPY AND SPORTS MEDICINE catalog

172 ART-MTP 2

9

## **Guide Wires**





For use with CROSSDRIVE® Screwdrivers 28789 SK, 28770 SK and 28760 SK 28789 SK 28789 GW 28789 GW-6 Nitinol Guide Wire, diameter 1.1 mm, length 38.5 cm, unsterile, for single use, package of 6, for use with CROSSDRIVE® Screwdrivers 28789 SK, 28770 SK and 28760 SK 28789 KW-6 Nitinol Guide Wire, diameter 1.1 mm, length 25.5 cm, unsterile, for single use, package of 6, for use with CROSSDRIVE® Screwdrivers 28789 SK, 28770 SK and 28760 SK For use with CROSSDRIVE® PLUS Screwdriver 28789 CD 28789 CD 28789 FW 28789 FW-6 Nitinol Guide Wire, diameter 2 mm, length 38.5 cm, unsterile, for single use, package of 6, for use with CROSSDRIVE® PLUS Screwdriver 28789 CD For use with Changing Rod 28140 WK or Puncture Needle 28140 DB 28140 WK 28140 GW-6

28140 GW-6 Nitinol Guide Wire, diameter 1.5 mm, length 40 cm, unsterile, for single use, package of 6

For further information on the implant portfolio see ARTHROSCOPY AND SPORTS MEDICINE catalog

## **Drilling and Larding Wires**





For use with Multifunction Handpiece 28 7210 36 and Pin Driver 28 7210 33







#### 28729 D

28729 D-6

**Drilling Wire,** spiral shape, with eyelet, diameter 2.4 mm, length 38 cm, unsterile, for single use, package of 6, for use with Undercut Drills 28729 BA – BH, Collar Burrs 28729 BLC – BLF and Drills 28729 GA – GE

#### 28729 E

28729 E

Larding Wire, pyramidal tip, diameter 2.4 mm, length 32 cm, unsterile, for single use, package of 10, for use with Undercut Drills 28729 BA – BH, Collar Burrs BLC – BLF and Drills 28729 GA – GE

6-1

For further information on the implant portfolio see ARTHROSCOPY AND SPORTS MEDICINE catalog

## **Portal Systems**

for Shoulder Arthroscopy













28180 GO



28180 GT-6 **Cannula,** with thread, unsterile, for single use, package of 6, for Gasket 28180 GD, inner diameter 8.25 mm, working length 7 cm, for use with Dilator 28180 GO



28180 GDS

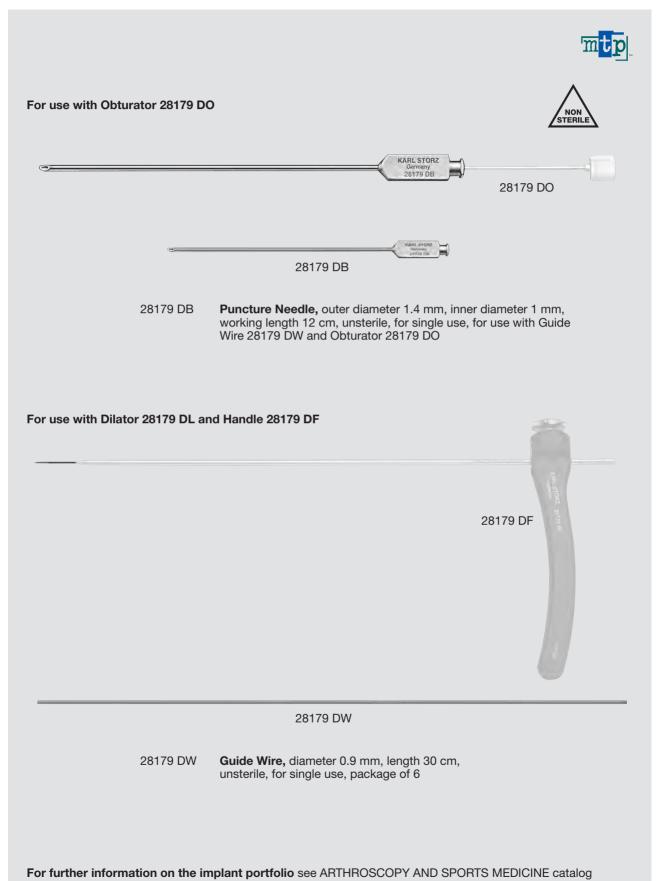
28180 GDS **Seal Set,** with sealing cap, unsterile, for single use, package of 5, for use with Cannula 28180 GT

For further information on the implant portfolio see ARTHROSCOPY AND SPORTS MEDICINE catalog

## **Portal Systems**

for Shoulder Arthroscopy SPS – Secure Portal System





176 ART-MTP 6

### **Portal Systems**

for Shoulder Arthroscopy SPS – Secure Portal System





For use with Dilators 28179 EB/EC/FB/FC, Obturators 28179 EO/EP/FO/FP and Valve Housing 28179 DG or 28179 OG in combination with Seal Set 28179 GS







28179 EB/EC 28179 EO/EP 28179 FB/FC 28179 FO/FP



28179 SA-6/SB-6 28179 SC-6/SD-6

28179 SA-6 **Cannula,** with thread, transparent, unsterile, for single use, package of 6

28179 SB-6 **Cannula,** with thread, transparent, unsterile, for single use, package of 6

28179 SC-6 **Cannula,** with thread, transparent, unsterile, for single use, package of 6

28179 SD-6 **Cannula,** with thread, transparent, unsterile, for single use, package of 6



28179 GS

28179 GS Seal Set, sterile, for single use, package of 10, for use with Valve Housing 28179 DG/OG

STERILE 2

For further information on the implant portfolio see ARTHROSCOPY AND SPORTS MEDICINE catalog

### **Portal Systems**

for Hip Arthroscopy





For use with Dilators 28140 EB/EC/FB/FC, Obturators 28140 EO/EP/FO/FP and Valve Housing 28179 DG or 28179 OG in combination with Seal Set 28179 GS







28140 EB/EC 28140 EO/EP 28140 FB/FC 28140 FO/FP



28140 SA-6/SB-6 28140 SC-6/SD-6

28140 SA-6 **Cannula,** with thread, transparent, unsterile, for single use, package of 6

28140 SB-6 Cannula, with thread, transparent, unsterile,

for single use, package of 6

28140 SC-6 **Cannula,** with thread, transparent, unsterile, for single use, package of 6

28140 SD-6 **Cannula,** with thread, transparent, unsterile, for single use, package of 6



28179 GS

28179 GS **Seal Set,** sterile, for single use, package of 10, for use with Valve Housing 28179 DG/OG

STERILE 2

For further information on the implant portfolio see ARTHROSCOPY AND SPORTS MEDICINE catalog

## **Accessories for Arthroscopy Sheaths**





For use with Arthroscopy Sheaths and Gasket Attachment 28140 D







28140 D



28140 GU

28140 GU Gasket, unsterile, for single use, package of 10, single-packaged, for use with Gasket Attachment 28140 D





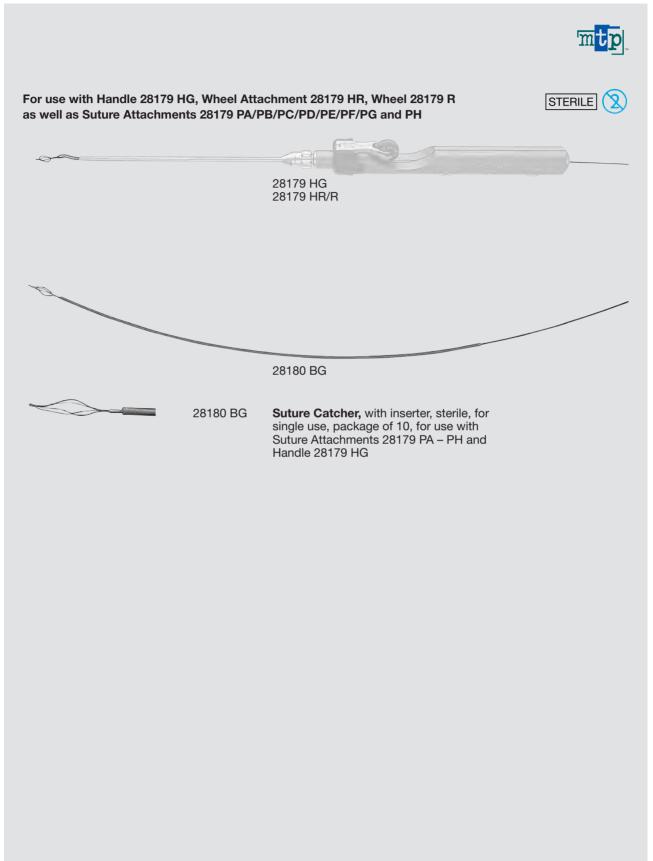
6-16

For further information on the implant portfolio see ARTHROSCOPY AND SPORTS MEDICINE catalog

ART-MTP 9

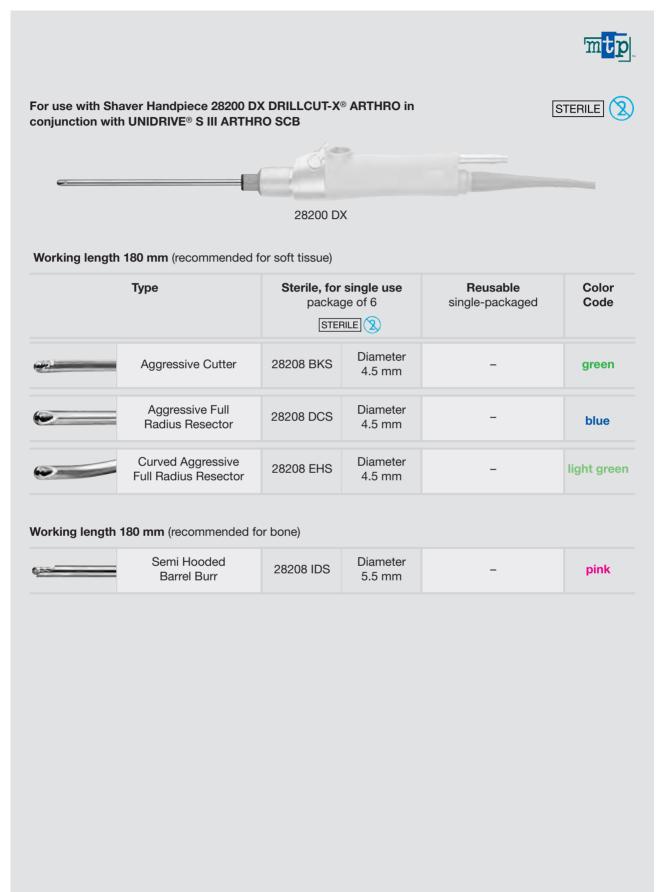
### **Suture Catcher**







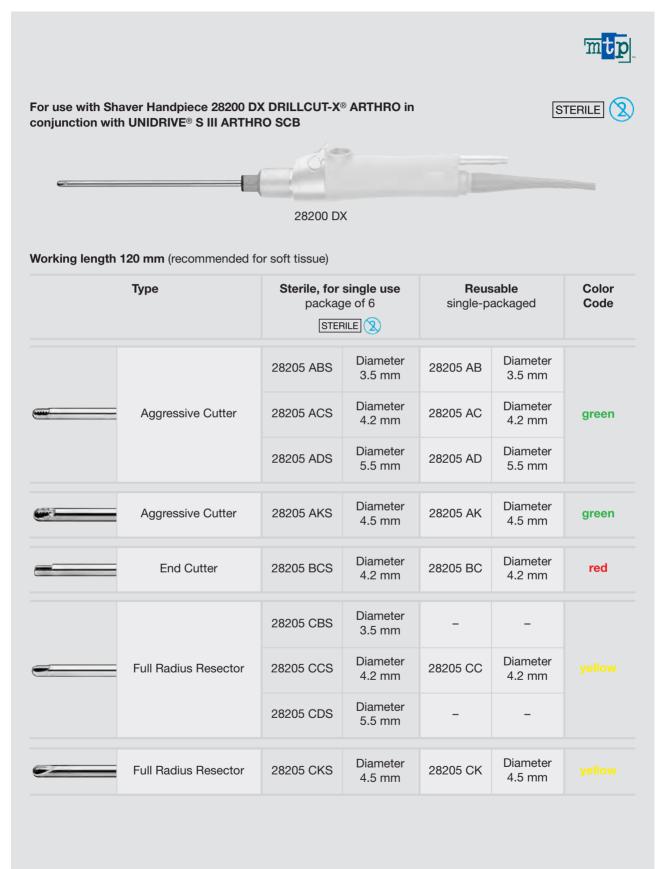




ART-MTP 11 181

### **Shaver Blades**





9

182 ART-MTP 12





	aver Handpiece 28200 D h UNIDRIVE® S III ARTHI		ARTHRO in		<u> S</u>	TERILE (2
	1	28200 D)	(			
Working length	120 mm (recommended f	or soft tissue)				
	Туре	Sterile, for packag		<b>Reus</b> single-pa		Color Code
		28205 DBS	Diameter 3.5 mm	28205 DB	Diameter 3.5 mm	
w.	Aggressive Full Radius Resector	28205 DCS	Diameter 4.2 mm	28205 DC	Diameter 4.2 mm	blue
		28205 DDS	Diameter 5.5 mm	28205 DD	Diameter 5.5 mm	
	Aggressive Full Radius Resector	28205 DKS	Diameter 4.5 mm	28205 DK	Diameter 4.5 mm	blue
	Curved Full Radius Resector	28205 EGS	Diameter 4.2 mm	-	-	light blue
	Curved Aggressive Full Radius Resector	28205 EHS	Diameter 4.2 mm	-	-	light gree
Working length	120 mm (recommended f	or soft tissue and	d bone)			
	Pro Line	28205 MKS	Diameter 4.5 mm	28205 MK	Diameter 4.5 mm	
	Shaver Blades	28205 MDS	Diameter 5.5 mm	-	_	pink
	Aggressive Pro Line	28205 NKS	Diameter 4.5 mm	28205 NK	Diameter 4.5 mm	
	Shaver Blades	28205 NDS	Diameter 5.5 mm	_	_	light blue

ART-MTP 13 183

## **Shaver Blades**

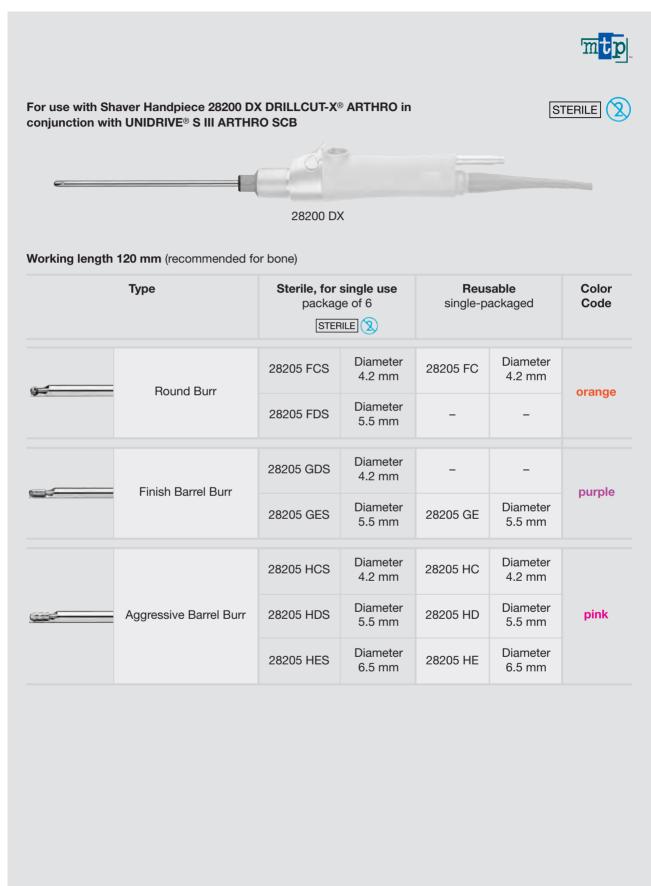


	h UNIDRIVE® S III ARTHI	A.	5.			
		28200 D	×			
rking length	70 mm (recommended for	r soft tissue)				
	Туре	Sterile, for packag		Reus single-pa		Color Code
		STEF	RILE 2			
1	Aggressive Cutter	28206 AAS	Diameter 2.5 mm	-	-	green
		28206 ABS	Diameter 3.5 mm	-	-	9.0011
	Full Radius Resector	28206 CAS	Diameter 2.5 mm	-	-	
	Tuli Hadius Heseciol	28206 CBS	Diameter 3.5 mm	-	-	
	Aggressive Full	28206 DAS	Diameter 2.5 mm	28206 DA	Diameter 2.5 mm	blue
	Radius Resector	28206 DBS	Diameter 3.5 mm	28206 DB	Diameter 3.5 mm	blue
	<b></b> 0					
rking length	70 mm (recommended for	r bone)				
1	Small Joint Burr	28206 FAS	Diameter 2.5 mm	-	_	orange
		28206 FBS	Diameter 3.5 mm	_	_	

184 ART-MTP 14



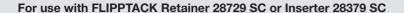




ART-MTP 15 185













28729 SC

QII.

28379 SC



28729 FT

**FLIPPTACK,** extracortical fixation button, 4 x 12 mm, sterile, for single use

For use with Button Wrench 28729 MS and Positioning Device 28729 ST



28729 TT

**ENDOTACK®**, tibial fixation button, 10 x 16 mm, sterile, for single use

For use with Button Wrench 28729 MM and Positioning Device 28729 SM



28729 MT

**Mini ENDOTACK®,** tibial fixation button, 8 x 12 mm, sterile, for single use





For use with CROSSDRIVE  $^{\tiny \odot}$  Screwdrivers 28789 SK, 28770 SK and 28760 SK







#### MEGA FIX® B, bioresorbable interference screws, sterile, for single use

	Order No.	Diameter	Length	Instruments
	2870619 B	6 mm	19 mm	28760 SK
	2870623 B	6 mm	23 mm	28760 SK
	2870719 B	7 mm	19 mm	
	2870723 B	7 mm	23 mm	28770 SK
	2870728 B	7 mm	28 mm	
	2870819 B	8 mm	19 mm	
	2870823 B	8 mm	23 mm	
	2870828 B	8 mm	28 mm	28789 SK
	2870923 B	9 mm	23 mm	
	2870928 B	9 mm	28 mm	

#### MEGA FIX® P, bioresorbable interference screws, perforated, sterile, for single use

	Order No.	Diameter	Length	Instruments
	2870823 P	8 mm	23 mm	
	2870828 P	8 mm	28 mm	
	2870923 P	9 mm	23 mm	
	2870928 P	9 mm	28 mm	00700 CV
Character of the same	2870935 P	9 mm	35 mm	28789 SK
	2871028 P	10 mm	28 mm	
	2871035 P	10 mm	35 mm	
	2871135 P	11 mm	35 mm	

Interference Screws

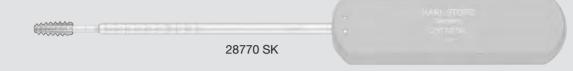




For use with CROSSDRIVE  $^{\odot}$  Screwdrivers 28789 SK, 28770 SK and 28760 SK







#### MEGA FIX® C, bioresorbable composite interference screws, sterile, for single use

	Order No.	Diameter	Length	Instruments	
	2870619 C	6 mm	19 mm	28760 SK	
	2870623 C	6 mm	23 mm	26760 SK	
	2870719 C	7 mm	19 mm		
	2870723 C	7 mm	23 mm	28770 SK	
AAAAAA	2870728 C	7 mm	28 mm		
	2870819 C	8 mm	19 mm		
	2870823 C	8 mm	23 mm		
	2870828 C	8 mm	28 mm	28789 SK	
	2870923 C	9 mm	23 mm		
	2870928 C	9 mm	28 mm		

#### MEGA FIX® CP, bioresorbable composite interference screws, perforated, sterile, for single use

	Order No.	Diameter	Length	Instruments
	2870823 CP	8 mm	23 mm	
	2870828 CP	8 mm	28 mm	
	2870923 CP	9 mm	23 mm	
	2870928 CP	9 mm	28 mm	00700 014
0 0 0 0	2870935 CP	9 mm	35 mm	28789 SK
	2871028 CP	10 mm	28 mm	
	2871035 CP	10 mm	35 mm	
	2871135 CP	11 mm	35 mm	

#### Interference Screws





#### For use with CROSSDRIVE® PLUS Screwdriver 28789 CD







28789 CD

MEGA FIX $^{\odot}$  T, titanium interference screw, for cruciate ligament reconstruction with bone-tendon-bone transplant, sterile, for single use

	Order No.	Diameter	Length	Instruments	
	2870720 T	7 mm	20 mm		
	2870725 T	7 mm	25 mm		
- Andrian	2870820 T	8 mm	20 mm	28789 CD	
<b>ANDIDITIES</b>	2870825 T	8 mm	25 mm	20709 CD	
	2870920 T	9 mm	20 mm		
	2870925 T	9 mm	25 mm		

MEGA FIX® T, titanium interference screw, for cruciate ligament reconstruction with semitendinosus transplant, sterile, for single use

	Order No.	Diameter	Length	Instruments
	2870723 T	7 mm	23 mm	
	2870728 T	7 mm	28 mm	
	2870823 T	8 mm	23 mm	
	2870828 T	8 mm	28 mm	28789 CD
	2870923 T	9 mm	23 mm	
	2870928 T	9 mm	28 mm	
	2871023 T	10 mm	23 mm	

**Hybrid Fixation** 



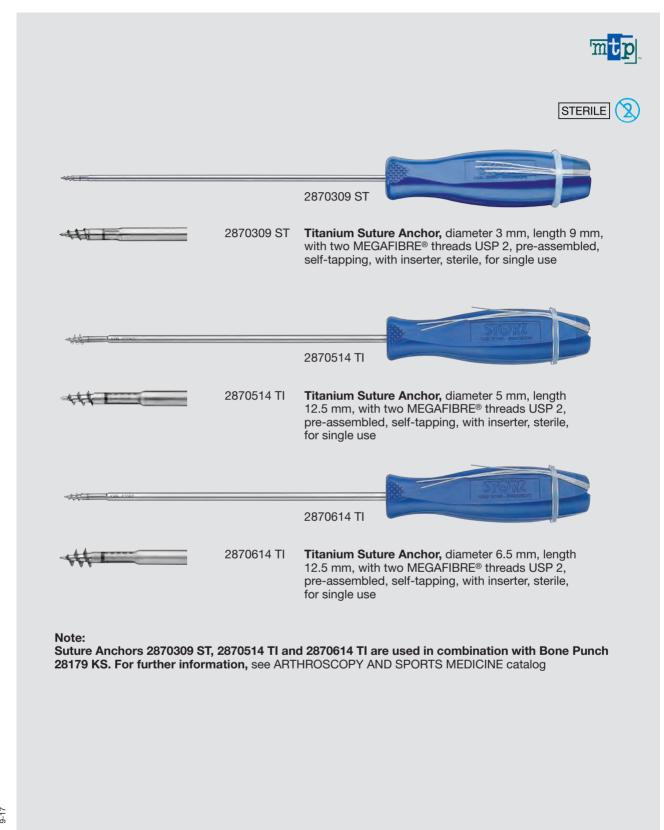


### MEGASHIM, bioresorbable oval wedge, perforated, sterile, for single use

Order No.	Size (width x length)	Height	Instruments
2870620 MSP	6 x 20 mm	4 mm	Dilator 28728 DS Applicator 28767 E
2870720 MSP	7 x 20 mm	4.5 mm	Pusher 28767 C HALF PIPE® 28728 SH
2870820 MSP	8 x 20 mm	5 mm	Dilator 28728 DL Applicator 28789 EK
2870920 MSP	9 x 20 mm	5.5 mm	Pusher 28789 C HALF PIPE® 28728 SH

**Suture Anchors - Titanium** 

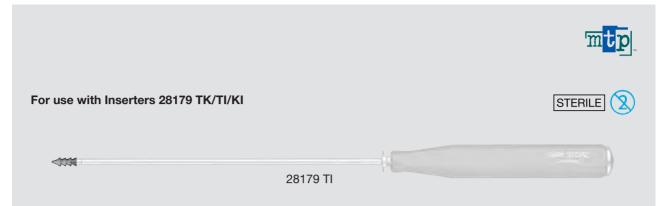




ART-MTP 21 191

BIOPLUG - bioresorbable





### BIOPLUG, bioresorbable suture anchors, sterile, for single use

Order No.	Diameter	Length	n Instruments	
2870310 BP with one MEGAFIBRE® USP 2 suture preloaded	3.5 mm	10 mm	Inserter 28179 TK Drill 28179 TD Glenoid Guide 28179 GG Mallet 28270 H	
2870411 BP	4.2 mm	11 mm	Knee Inserter 28179 KI Drill 28179 KB Mallet 28270 H	Shoulder Inserter 28179 TI Drill 28179 TB Mallet 28270 H Glenoid Guide 28179 GG
2870514 BP	5.2 mm	14 mm	Inserter 28179 TI Drill 28179 TC Mallet 28270 H	







### Saw Blades





For use with Sagittal Saw Attachment 28 7210 39 and Multifunction Handle 28 7210 36 in conjunction with UNIDRIVE® S III ARTHRO SCB







28 7210 39



28207 SLA

28207 SLA

Saw Blade, blade width 10 mm, blade thickness 0.4 mm, cutting thickness 0.6 mm, working length

50 mm, unsterile, for single use



28207 SLB

28207 SLB Same, blade width 14 mm



28207 SLC



28207 SLD



28207 SLE ( ) KARL STOF

28207 SLE

28207 SLC Saw Blade, blade width 10 mm, blade thickness

0.4 mm, cutting thickness 0.6 mm, with stopper at 15 mm, working length 25 mm, unsterile, for single use

28207 SLD Same, blade width 6 mm 28207 SLE Same, blade width 8 mm

### Saw Blades





For use with Sagittal Saw Attachment 28 7210 39 and Multifunction Handle 28 7210 36 in conjunction with UNIDRIVE® S III ARTHRO SCB







28 7210 39



28207 SLF

28207 SLF

Saw Blade, blade width 12 mm, blade thickness 0.4 mm, cutting thickness 0.6 mm, working length 22 mm, unsterile, for single use



28207 SLG

28207 SLG

Saw Blade, blade width 6 mm, blade thickness 0.4 mm, cutting thickness 0.6 mm, working length 31 mm, unsterile, for single use



28207 SLH

28207 SLH Same, blade width 10 mm

for irrigation and suction





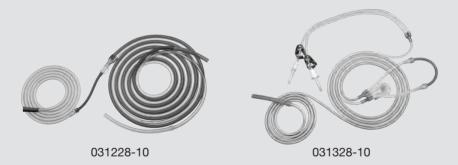
#### **Special Features:**

 Optical product recognition thanks to clear color coding (red or blue)



#### For use with ARTHROPUMP® Power





031228-10 **Tubing Set for Suction,** with two suction tubes, sterile, for single use, package of 10, for use with ARTHROPUMP® Power

031328-10 **Tubing Set for Irrigation,** with two puncture cannulas, sterile, for single use, package of 10, for use with ARTHROPUMP® Power

**Pump Tubing Day Set and Patient Tube** 





#### **Special Features:**

 Optical product recognition thanks to clear color coding (red or blue)

#### For use with ARTHROPUMP® Power





031261-10

STERILE

031261-10 **Pump Tubing Day Set,** for irrigation, with two puncture cannulas, sterile, package of 10, for use with ARTHROPUMP® Power in combination with Patient Tube 031162-10



031162-10



197

031162-10 **Patient Tube,** sterile, for single use, package of 10, for use with Pump Tubing Day Set 031161-10, 031167-10, 031261-10 and 031767-10

**Irrigation Tubing Sets** 





#### **Special Features:**

- No risk of confusion when placing the connectors
- Automatic product recognition and mode selection via the pump

### STERILE



#### For use with ENDOMAT® SELECT





031523-10

031523-10 **Tubing Set for Irrigation**, PC, sterile, for single use, package of 10, for use with HAMOU® ENDOMAT® SCB **26** 3311 20-1 and ENDOMAT® SELECT

**Irrigation Tubing Sets** 





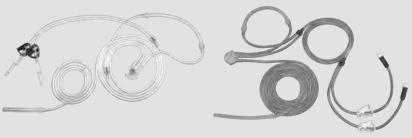
#### **Special Features:**

 Optical product matching thanks to clear color coding (white)



#### For use with ARTHROPUMP® SCB, ARTHROPUMP® plus





031128-10 031142-10

031128-10 **Tubing Set,** with two puncture cannulas, sterile, for single use, package of 10, for use with ARTHROPUMP® SCB, ARTHROPUMP® plus, UROMAT and UROPUMP

031142-10 **Tubing Set,** with two Care-Lock connectors, sterile, for single use, package of 10, for use with ARTHROPUMP® SCB, ARTHROPUMP® plus, UROMAT and UROPUMP

**Pump Tubing Day Set and Patient Tube** 





#### **Special Features:**

 Optical product matching thanks to clear color coding (white)

For use with ARTHROPUMP® SCB, ARTHROPUMP® plus





031161-10

STERILE

031161-10 **Pump Tubing Day Set,** with two puncture cannulas, sterile, package of 10, for use with ARTHROPUMP® SCB, ARTHROPUMP® plus, UROMAT and UROPUMP in combination with Patient Tube 031162-10



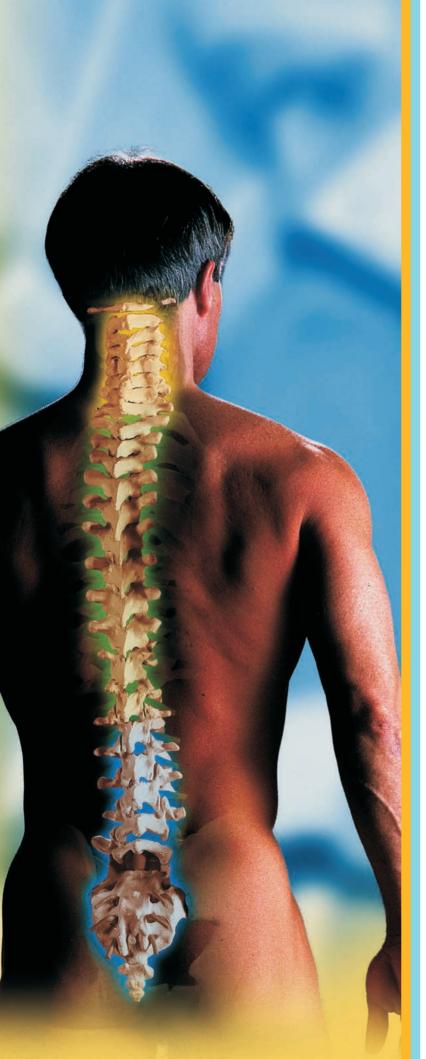
031162-10





031162-10 **Patient Tube,** sterile, for single use, package of 10, for use with Pump Tubing Day Set 031161-10, 031167-10, 031261-10 and 031767-10

200 ART-MTP 30



### **SPINE SURGERY**

HIGH-SPEED BURRS, BURRS ..... 202-207

TUBING SETS ......208-209



High-Speed Standard Burrs





For use with High-Speed Handpieces 252680 short, 252681 medium and 252682 long







9	High-Speed Standard Burr, 100,000 rpm, sterile, for single use, package of 5					
Diameter in mm	short	medium	long			
1	350110 S	350110 M	-			
2	350120 S	350120 M	350120 L			
3	350130 S	350130 M	350130 L			
4	350140 S	350140 M	350140 L			
5	350150 S	350150 M	350150 L			
6	350160 S	350160 M	350160 L			
7	350170 S	350170 M	350170 L			

**High-Speed Coarse Diamond Burrs** 





For use with High-Speed Handpieces 252680 short, 252681 medium and 252682 long





252681

•	High-Speed Diamond Burr, 100,000 rpm, sterile, for single use, package of 5					
Diameter in mm	short	medium	long			
1	350210 S	350210 M	-			
2	350220 S	350220 M	350220 L			
3	350230 S	350230 M	350230 L			
4	350240 S	350240 M	350240 L			
5	350250 S	350250 M	350250 L			
6	350260 S	350260 M	350260 L			
7	350270 S	350270 M	350270 L			

<u></u>	High-Speed Coarse Diamond Burr, 100,000 rpm, sterile, for single use, package of 5		
Diameter in mm	short	medium	long
3	350330 S	350330 M	350330 L
4	350340 S	350340 M	350340 L
5	350350 S	350350 M	350350 L
6	350360 S	350360 M	350360 L
7	350370 S	350370 M	350370 L

**High-Speed Standard Burrs** 





For use with High-Speed Handpieces 252660 extra short, 252661 short, 252662 medium, 252663 long, 252690 extra short, 252691 short and 252692 medium







<b>\rightarrow</b>	High-Speed Stand sterile, for single (	dard Burr, 60,000 rpm, use, package of 5		
Diameter in mm	extra short	short	medium	long
1	330110 ES	330110 S	330110 M	-
2	330120 ES	330120 S	330120 M	330120 L
3	330130 ES	330130 S	330130 M	330130 L
4	330140 ES	330140 S	330140 M	330140 L
5	330150 ES	330150 S	330150 M	330150 L
6	330160 ES	330160 S	330160 M	330160 L
7	330170 ES	330170 S	330170 M	330170 L

**High-Speed Diamond Burrs** 





For use with High-Speed Handpieces 252660 extra short, 252661 short, 252662 medium, 252663 long, 252690 extra short, 252691 short and 252692 medium





252661

•	High-Speed Diam sterile, for single (	ond Burr, 60,000 rpm, use, package of 5		
Diameter in mm	extra short	short	medium	long
0.6	330206 ES	330206 S	-	-
1	330210 ES	330210 S	330210 M	-
1.5	330215 ES	330215 S	-	-
2	330220 ES	330220 S	330220 M	330220 L
3	330230 ES	330230 S	330230 M	330230 L
4	330240 ES	330240 S	330240 M	330240 L
5	330250 ES	330250 S	330250 M	330250 L
6	330260 ES	330260 S	330260 M	330260 L
7	330270 ES	330270 S	330270 M	330270 L

	High-Speed Coarse Diamond Burr, 60,000 rpm, sterile, for single use, package of 5			
Diameter in mm	extra short	short	medium	long
3	330330 ES	330330 S	330330 M	330330 L
4	330340 ES	330340 S	330340 M	330340 L
5	330350 ES	330350 S	330350 M	330350 L
6	330360 ES	330360 S	330360 M	330360 L
7	330370 ES	330370 S	330370 M	330370 L

19

High-Speed Diamond Burrs

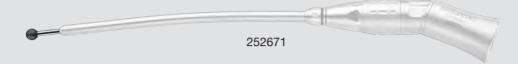




For use with High-Speed Handpieces 252671 extra long and 252672 super long







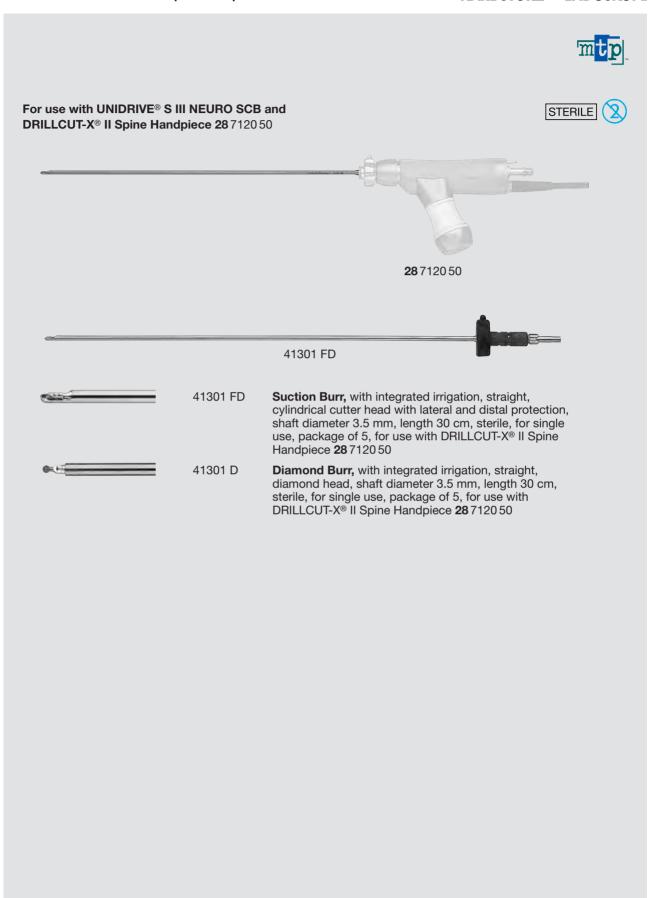
0-	High-Speed Diamond Burr, 60,000 rpm, sterile, for single use, package of 5	
Diameter in mm	extra long	super long
2	320220 EL	320220 SL
3	320230 EL	320230 SL
4	320240 EL	320240 SL

	High-Speed Coarse Diamond Burr, 60,000 rpm, sterile, for single use, package of 5	
Diameter in mm	extra long	super long
2	320320 EL	320320 SL
3	320330 EL	320330 SL
4	320340 EL	320340 SL

#### **Burrs**

for use with DRILLCUT-X® II Spine Handpiece





**Irrigation Tubing Sets** 





#### **Special Features:**

- No risk of confusion when placing the connectors
- Automatic product recognition and mode selection via the pump

### STERILE



#### For use with ENDOMAT® SELECT





031523-10

031523-10 **Tubing Set for Irrigation**, PC, sterile, for single use, package of 10, for use with HAMOU® ENDOMAT® SCB **26** 3311 20-1 and ENDOMAT® SELECT

Irrigation Tubing Sets





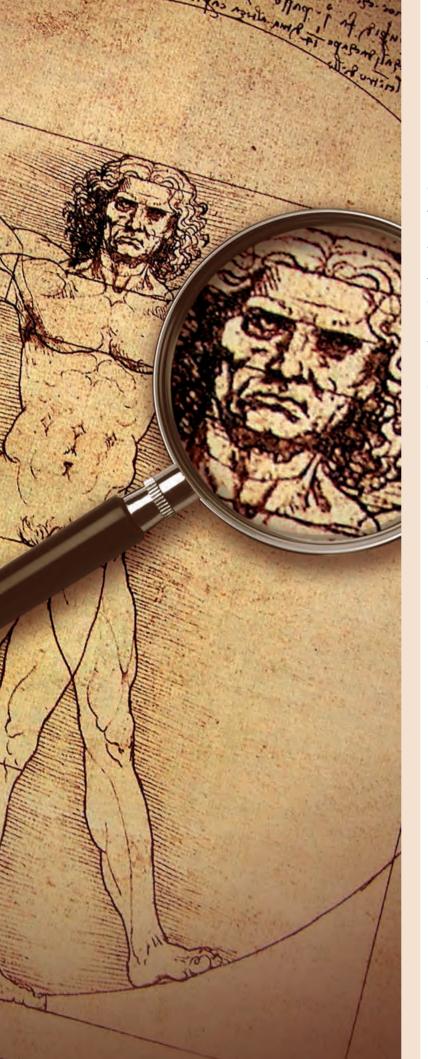
For use with CLEARVISION®, UNIDRIVE® II plus, UNIDRIVE® ENT/ECO/NEURO, UNIDRIVE® S III ENT/ECO/NEURO and/or CLEARVISION® II







031129-10	<b>Tubing Set,</b> sterile, for single use, package of 10, for use with CLEARVISION®
031130-10	<b>Tubing Set,</b> sterile, for single use, package of 10, for use with UNIDRIVE® II plus
031131-10	<b>Tubing Set,</b> sterile, for single use, package of 10, for use with UNIDRIVE® ENT/ECO/NEURO, UNIDRIVE® S III ENT/ECO/NEURO
031229-10	<b>Tubing Set,</b> sterile, for single use, package of 10, for use with CLEARVISION® II



## **MICROSCOPY**

AND HOLDING SYSTEMS212
TOUCH SCREEN COVERS
COVER FOR VITOM® 3D214



### **Covers for**

for Control Elements and Holding Systems





For use with PC mice and remote controls, IMAGE1 PILOT as well as mechanical holding systems, VERSACRANE™, POINT SETTER and ENDOCRANE®









040146-25

**Cover,** 13 x 242 cm, sterile, for single use, package of 25, for use with PC mice, remote controls and ENDOCRANE® holding arm



041150-20

Cover, elasticated,  $42 \times 164$  cm, sterile, for single use, package of 20, for use with holding systems and IMAGE1 PILOT

#### **Touch Screen Covers**





#### For use with KARL STORZ Monitors



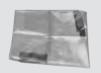




041165-20 **Cover,** sterile, for single use, package of 20, for use with 15" touch screen



O41265-20 **Cover,** sterile, for single use, package of 20, for use with 18" and 19" touch screens



041365-20 **Cover,** sterile, for single use, package of 20, for use with 21.5" touch screen



041465-20 **Cover,** sterile, for single use, package of 20, for use with 24" touch screen

6-16

MICRO-MTP 3 213





#### For use with VITOM® 3D



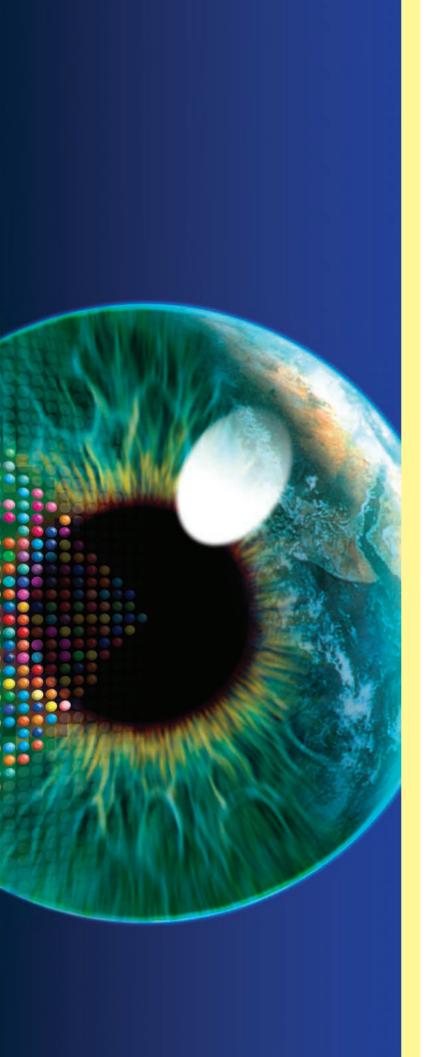






TH 001

TH 001 **Cover,** for VITOM® 3D, sterile, for single use, package of 10



# **TELEPRESENCE**

COVERS FOR CONTROL ELEMENTS AND HOLDING SYSTEMS216
TOUCH SCREEN COVERS
CAMERA COVERS



#### for Control Elements and Holding Systems





For use with PC mice and remote controls, IMAGE1 PILOT as well as mechanical holding systems, VERSACRANE™, POINT SETTER and ENDOCRANE®









040146-25

**Cover,** 13 x 242 cm, sterile, for single use, package of 25, for use with PC mice, remote controls and ENDOCRANE® holding arm



041150-20

 $\begin{array}{l} \textbf{Cover,} \ \text{elasticated,} \ 42 \ \text{x} \ 164 \ \text{cm, sterile,} \ \text{for single use,} \\ \text{package of 20, for use with holding systems and} \\ \text{IMAGE1 PILOT} \end{array}$ 

#### **Touch Screen Covers**





#### For use with KARL STORZ Monitors



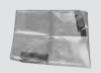




041165-20 **Cover,** sterile, for single use, package of 20, for use with 15" touch screen



O41265-20 **Cover,** sterile, for single use, package of 20, for use with 18" and 19" touch screens



041365-20 **Cover,** sterile, for single use, package of 20, for use with 21.5" touch screen



041465-20 **Cover,** sterile, for single use, package of 20, for use with 24" touch screen

9 4 0

TP-MTP 3 217

#### **Camera Covers**





#### For use with all standard endoscopic camera heads









040112-40

**Camera Cover,** folded inside out, 13 x 242 cm, sterile, for single use, package of 40, for use with all standard endoscopic camera heads



040113-50

**Camera Cover,** telescopic folding with paper insertion aid, 13 x 242 cm, sterile, for single use, package of 50, for use with all standard endoscopic camera heads



040114-15

Camera Cover, rolled, with plastic insertion aid, 17 x 242 cm, sterile, for single use, package of 15, for use with all standard endoscopic camera heads



040115-40

**Camera Cover,** telescope folding with cardboard insertion aid, 13 x 242 cm, sterile, for single use, package of 40, for use with all standard endoscopic camera heads

#### **Camera Covers**





#### For use with all standard endoscopic camera heads







040169-40

Camera Cover, with elastic telescope opening, telescope folding with paper insertion aid, 13 x 242 cm, sterile, for single use, package of 40, for use with all standard endoscopic camera heads

For use with all standard endoscopic camera heads as well as Video Mediastinoscopes 10970 MV, 10971 MV and 10971 MVS



040170-25

Camera Cover, with elastic telescope opening, telescope folding with paper insertion aid, 18 x 242 cm, sterile, for single use, package of 25, for use with all standard endoscopic camera heads as well as Video Mediastinoscopes 10970 MV, 10971 MV and 10971 MVS

9 4 0



## **UNITS AND ACCESSORIES**

LASER FIBERS
INSUFFLATION TUBING SETS, GAS FILTER AND ACCESSORIES, SMOKE EVACUATION
TUBING SETS, ACCESSORIES FOR IRRIGATION AND SUCTION
BACTERIAL FILTER
COLLECTION SYSTEM 250-255
SPARE PARTS AND ACCESSORIES

NEUTRAL ELECTRODES ......258



### **Laser Fibers**

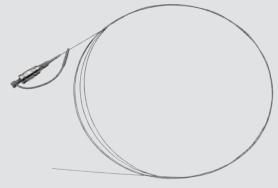




#### For use with CALCULASE II







**27** 7502 77

**27** 7502 77-P6 **CALCULASE II Fiber 230 μm,** length 300 cm, sterile, for single use, package of 6

**27**750278-P6 **CALCULASE II Fiber 365 μm,** length 300 cm, sterile, for single use, package of 6

**27** 7502 79-P6 **CALCULASE II Fiber 600 μm,** length 300 cm, sterile, for single use, package of 6

#### 27 7502 86 CALCULASE II Fiber Kit

including:

3x CALCULASE II Fiber 230  $\mu$ m, sterile, for single use 3x CALCULASE II Fiber 365  $\mu$ m, sterile, for single use 3x CALCULASE II Fiber 600  $\mu$ m, sterile, for single use



STERILE



#### **Special Features:**

- Protects patients and equipment against contamination
- Gas flow of up to 50 l/min
- Preheated gas for better view and patient comfort (031210-10)

For use with electronic ENDOFLATOR®, THERMOFLATOR®, ENDOFLATOR® 40 and ENDOFLATOR® 50









031200-10

- 031122-25 **Gas Filter,** with ISO connectors, hydrophobic on both sides, sterile, for single use, package of 25, for use with insufflation units with a maximum gas flow of 50 l/min (Electronic ENDOFLATOR®, THERMOFLATOR®, ENDOFLATOR® 40 and ENDOFLATOR® 50)
- 031200-10 Insufflation Tubing Set with Gas Filter, length 300 cm, hydrophobic on both sides, sterile, for single use, package of 10, for use with insufflation units with a maximum gas flow of 50 l/min (Electronic ENDOFLATOR®, THERMOFLATOR®, ENDOFLATOR® 40 and ENDOFLATOR® 50)
- 031210-10 Insufflation Tubing Set with Gas Filter, length 300 cm, heatable, hydrophobic on both sides, sterile, for single use, package of 10, for use with ENDOFLATOR® 50

9-16

UNITS-MTP 3 223



STERILE



#### **Special Features:**

- Protects patients and equipment against contamination
- Two patient-side tubing connectors for gas flow up to 20 l/min with LUER-Lock
- Possible to use only one tubing connector by using a roller clamp

For use with electronic ENDOFLATOR®, THERMOFLATOR®, ENDOFLATOR® 40 and ENDOFLATOR® 50





031622-10 Insufflation Tubing Set with Gas Filter, length 400 cm, two patient-side tube connections, hydrophobic on both sides, sterile, for single use, package of 10, for use with insufflation units with a maximum gas flow of 30 l/min (Electronic ENDOFLATOR®, THERMOFLATOR®, ENDOFLATOR® 40 and ENDOFLATOR® 50)

224 UNITS-MTP 4





#### **Special Features:**

- Protects patients and equipment against contamination
- Gas flow of up to 30 I/min

#### For use with electronic ENDOFLATOR® and THERMOFLATOR®









031222-10

031222-10

Insufflation Set with Gas Filter, length 320 cm, hydrophobic on both sides, sterile, for single use, package of 10, for use with insufflation units with a maximum gas flow of 30 l/min (Electronic ENDOFLATOR®, THERMOFLATOR®)

including:

10x Gas Filter with Insufflation Tube, sterile

**Adaptor with Tube** 

Adaptor

#### **Accessories**





031822-01

**Adaptor,** with 15 cm tube, unsterile, for use with Filters 031122-25 and 031222-10 in combination with insufflation units without ISO connectors

031922-10

**Adaptor,** size 15M/22M, unsterile, package of 10, for use with Filters 031122-25 and 031222-10 for THERMOFLATOR® when using the OPTITHERM® heating element

6-16

UNITS-MTP 5 225





#### For use with HAMOU® MICRO HYSTEROFLATOR® SCB









031123-10

031123-10 Gas Filter, for fluid irrigation, with male LUER-Lock connector and female LUER-Lock connector, sterile, for single use, package of 10, for use with insufflation units with a maximum gas flow of 1 I/min (HAMOU® MICRO HYSTEROFLATOR SCB)





#### **Special Features:**

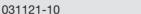
- Protects patients and equipment against contamination
- Patient- or unit-side connection possible



For use with ARTHROFLATOR®, CO2 ENDOFLATOR®, electronic ENDOFLATOR®, N2O ENDOFLATOR® and LAPAROFLATOR®









031221-10

031121-10 **Gas Filter,** with patient-side tube and male LUER-Lock, hydrophobic on both sides, sterile, for single use, package of 10, for use with insufflation units with a maximum gas flow of 10 l/min (ARTHROFLATOR®, CO<sub>2</sub> ENDOFLATOR®, Electronic ENDOFLATOR®, N<sub>2</sub>O ENDOFLATOR® and LAPAROFLATOR®)

031221-10 Insufflation Tubing Set with Gas Filter, length 300 cm, with male and female LUER-Locks, hydrophobic on both sides, sterile, for single use, package of 10, for use with insufflation units with a maximum gas flow of 10 l/min (ARTHROFLATOR®, CO<sub>2</sub> ENDOFLATOR®, Electronic ENDOFLATOR®, N<sub>2</sub>O ENDOFLATOR® and LAPAROFLATOR®)

### **Smoke Evacuation**

**Tubing Set** 





#### **Special Features:**

- Connector for second suction tube for parallel suction of fluids
- Roller clamp for regulating the suction pressure of smoke and gas





#### For use with S-PILOT®





031447-10 **Tubing Set for Smoke, Gas and Fluid Suction,** with connector for second suction tube, sterile, for single use, package of 10, for use with S-PILOT®, for laparoscopy

## **Smoke Evacuation**

**Smoke Evacuation Filter** 





#### **Special Features:**

- Effective filtration at a rate of 99.9999 %
- Protects the patient and the surgical team against viruses, bacteria and harmful particles





#### For use with S-PILOT®





031111-10

031111-10 **Smoke Evacuation Filter,** unsterile, for single use, package of 10

for irrigation and suction





#### **Special Features:**

 Monobloc connector eliminates confusion between irrigation and suction ports





For use with B.I.O.H.® Compact Hysteroscope 26252 BB/BC/BH in combination with HAMOU® ENDOMAT® 26 3310 20 and/or HYSTEROMAT E.A.S.I.® SCB





031317-10



031262-10

- 031317-10 **Tubing Set,** with Monobloc connector and irrigation and suction tube, sterile, for single use, package of 10, for use with B.I.O.H.® Compact Hysteroscopes 26252 BB/BC/BH in combination with HAMOU® ENDOMAT® **26** 3310 20 (connection to pump only with Pump Tubing Day Set 031167-10)
- 031262-10 **Tubing Set,** with Monobloc connector, sterile, for single use, package of 10, for use with B.I.O.H.® Compact Hysteroscopes 26252 BB/BC/BH in combination with HYSTEROMAT E.A.S.I.® SCB (for use with Tubing Day Sets 031267-01, 031767-01)

for irrigation and suction





#### For use with HAMOU® ENDOMAT® 26 3310 20 and/or ENDOMAT® LC SCB







031218-10 031219-10

031218-10 **Complete Tubing Set,** with two puncture cannulas, sterile, for single use, package of 10, for use with Handles 37112 A (straight) and 37113 A (pistol grip) as well as 37112 RV in combination with HAMOU® ENDOMAT® **26** 3310 20, for laparoscopy

031219-10 **Complete Tubing Set,** with two puncture cannulas, sterile, for single use, package of 10, for use with Handles 37112 A (straight) and 37113 A (pistol grip) as well as 37112 RV in combination with ENDOMAT® LC SCB

6-16

UNITS-MTP 11 231

for irrigation and suction





#### **Special Features:**

 Optical product matching thanks to clear color coding (red and blue)





#### For use with HYSTEROMAT E.A.S.I.® SCB and UROMAT E.A.S.I.® SCB





031217-10	Tubing Set for Suction, sterile, for single use, package of
	10, for use with HYSTEROMAT E.A.S.I.® SCB and
	LIROMAT F A S I ® SCB

031717-10 **Tubing Set for Irrigation,** with two puncture cannulas, sterile, for single use, package of 10, for use with HYSTEROMAT E.A.S.I.® SCB and UROMAT E.A.S.I.® SCB





#### **Special Features:**

 Optical product matching thanks to clear color coding (red and blue)

#### For use with HYSTEROMAT E.A.S.I.® SCB and UROMAT E.A.S.I.® SCB





031767-10

STERILE

031767-10 **Pump Tubing Day Set,** with two puncture cannulas, sterile, package of 10, for use with HYSTEROMAT E.A.S.I.® SCB and UROMAT E.A.S.I.® SCB in combination with Patient Tubes 031162-10 and 031262-10



031162-10



031262-10



031162-10 **Patient Tube,** sterile, for single use, package of 10, for use with Pump Tubing Day Set 031161-10, 031167-10, 031168-10, 031261-10 and 031767-10

031262-10 **Tubing Set,** with Monobloc connector, sterile, for single use, package of 10, for use with B.I.O.H.® Compact Hysteroscopes 26252 BB/BC/BH in combination with HYSTEROMAT E.A.S.I.® SCB (for use with Tubing Day Sets 031267-01, 031767-01)

9-16

UNITS-MTP 13

**Pump Tubing Day Set and Patient Tube** 





#### **Special Features:**

 Optical product matching thanks to clear color coding (red and blue)



For use with HYSTEROMAT E.A.S.I.® SCB





031267-10



031267-10 **Tubing Set,** day set for suction, unsterile, package of 10, for use with HYSTEROMAT E.A.S.I.® SCB (for use with Tubing Set 031262-10)



031262-10



031262-10 **Tubing Set,** with Monobloc connector, sterile, for single use, package of 10, for use with B.I.O.H.® Compact Hysteroscopes 26252 BB/BC/BH in combination with HYSTEROMAT E.A.S.I.® SCB (for use with Tubing Day Sets 031267-01, 031767-01)

for irrigation and suction





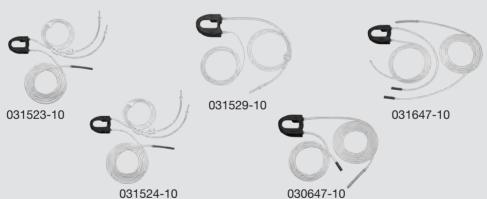
#### **Special Features:**

- No risk of confusion when placing the connectors
- Automatic product recognition and mode selection via the pump



For use with ENDOMAT® SELECT and/or HAMOU® ENDOMAT® SCB 26 3311 20-1





031523-10	<b>Tubing Set for Irrigation</b> , PC, sterile, for single use, package of 10, for use with HAMOU® ENDOMAT® SCB <b>26</b> 3311 20-1 and ENDOMAT® SELECT
031524-10	<b>Tubing Set for Irrigation,</b> FC, sterile, for single use, package of 10, for use with HAMOU® ENDOMAT® SCB <b>26</b> 3311 20-1 and ENDOMAT® SELECT
031529-10	<b>Tubing Set for Irrigation,</b> CV, sterile, for single use, package of 10, for use with ENDOMAT® SELECT
030647-10	<b>Tubing Set for Suction,</b> DS, sterile, for single use, package of 10, for use with ENDOMAT® SELECT
031647-10	Tubing Set for Suction, BS, sterile, for single use, package of 10. for use with FNDOMAT® SELECT

6-16

UNITS-MTP 15 235

**Irrigation Tubing Sets** 





#### **Special Features:**

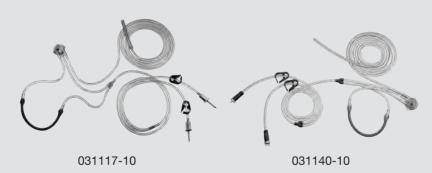
- Optical product matching thanks to clear color coding (blue)
- Automatic product recognition and mode selection via the pump (HYS mode)





For use with HAMOU® ENDOMAT® 26 3310 20 for hysteroscopy and HYSTEROMAT® II





031117-10 **Tubing Set for Irrigation,** with two puncture cannulas, sterile, for single use, package of 10, for use with HAMOU® ENDOMAT® **26** 3310 20, for hysteroscopy and HYSTEROMAT® II

031140-10 **Tubing Set,** with two Care-Lock connectors, sterile, for single use, package of 10, for use with HAMOU® ENDOMAT® **26** 3310 20, for hysteroscopy and HYSTEROMAT® II

**Pump Tubing Day Set and Patient Tube** 





#### **Special Features:**

- Optical product matching thanks to clear color coding (blue)
- Automatic product recognition and mode selection via the pump (HYS mode)



For use with HAMOU® ENDOMAT® 26 3310 20 for hysteroscopy and HYSTEROMAT® II





031167-10

STERILE

031167-10 **Pump Tubing Day Set,** with two puncture cannulas, sterile, package of 10, for use with HAMOU® ENDOMAT® **26** 3310 20, for hysteroscopy and HYSTEROMAT® II, in combination with Patient Tube 031162-10



031162-10



031162-10 **Patient Tube,** sterile, for single use, package of 10, for use with Pump Tubing Day Set 031161-10, 031167-10, 031261-10 and 031767-10

**Irrigation Tubing Sets** 





#### **Special Features:**

- Optical product matching thanks to clear color coding (red)
- Automatic product recognition and mode selection via the pump (LAP mode)





For use with HAMOU® ENDOMAT® 26 3310 20 and/or LAPAROMAT®





031118-10	<b>Tubing Set,</b> with two puncture cannulas, sterile, for single use, package of 10, for use with HAMOU® ENDOMAT® <b>26</b> 3310 20, for laparoscopy
031141-10	<b>Tubing Set,</b> with two Care-Lock connectors, sterile, for single use, package of 10, for use with HAMOU® ENDOMAT® <b>26</b> 3310 20, for laparoscopy

031159-10 **Tubing Set,** with two puncture cannulas, sterile, for single use, package of 10, for use with LAPAROMAT®, for laparoscopy

**Pump Tubing Day Set and Patient Tube** 





#### **Special Features:**

- Optical product matching thanks to clear color coding (red)
- Automatic product recognition and mode selection via the pump (LAP mode)

For use with HAMOU® ENDOMAT® 26 3310 20





STERILE

031168-10 **Pump Tubing Day Set,** with two puncture cannulas, sterile, package of 10, for use with HAMOU® ENDOMAT® **26** 3310 20, for laparoscopy, in combination with Patient Tube 031162-10



031162-10



2

031162-10 **Patient Tube,** sterile, for single use, package of 10, for use with Pump Tubing Day Set 031161-10, 031167-10, 031261-10 and 031767-10

6-16

UNITS-MTP 19 239

for irrigation and suction





#### **Special Features:**

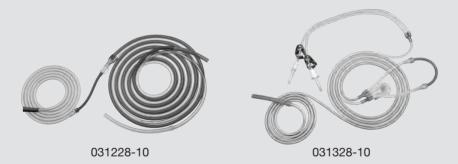
 Optical product matching thanks to clear color coding (red and blue)





#### For use with ARTHROPUMP® Power





031228-10 **Tubing Set for Suction,** with two suction tubes, sterile, for single use, package of 10, for use with ARTHROPUMP® Power

031328-10 **Tubing Set for Irrigation,** with two puncture cannulas, sterile, for single use, package of 10, for use with ARTHROPUMP® Power

**Pump Tubing Day Set and Patient Tube** 





#### **Special Features:**

 Optical product matching thanks to clear color coding (red and blue)

#### For use with ARTHROPUMP® Power





031261-10

STERILE

031261-10 **Pump Tubing Day Set,** for irrigation, with two puncture cannulas, sterile, package of 10, for use with ARTHROPUMP® Power in combination with Patient Tube 031162-10



031162-10



031162-10 **Patient Tube,** sterile, for single use, package of 10, for use with Pump Tubing Day Set 031161-10, 031167-10, 031261-10 and 031767-10

9-16

UNITS-MTP 21 241

**Irrigation Tubing Sets** 





#### **Special Features:**

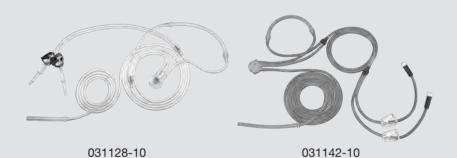
• Optical product matching thanks to clear color coding (white)





For use with ARTHROPUMP® SCB, ARTHROPUMP® plus, UROMAT and UROPUMP





031128-10 Tubing Set, with two puncture cannulas, sterile, for single use, package of 10, for use with ARTHROPUMP® SCB, ARTHROPUMP® plus, UROMAT and UROPUMP

031142-10 Tubing Set, with two Care-Lock connectors, sterile, for single use, package of 10, for use with ARTHROPUMP® SCB, ARTHROPUMP® plus, **UROMAT and UROPUMP** 

**Pump Tubing Day Set and Patient Tube** 





#### **Special Features:**

 Optical product matching thanks to clear color coding (white)

#### For use with ARTHROPUMP® SCB, ARTHROPUMP® plus, UROMAT and UROPUMP





031161-10

STERILE

031161-10 **Pump Tubing Day Set,** with two puncture cannulas, sterile, package of 10, for use with ARTHROPUMP® SCB, ARTHROPUMP® plus, UROMAT and UROPUMP in combination with Patient Tube 031162-10



031162-10



243

031162-10 **Patient Tube,** sterile, for single use, package of 10, for use with Pump Tubing Day Set 031161-10, 031167-10, 031261-10 and 031767-10

for irrigation and suction





#### For use with ENDOMAT® LC SCB









031119-10 **Tubing Set for Irrigation,** with two puncture cannulas, sterile, for single use, package of 10, for use with ENDOMAT® LC SCB

031247-10 **Tubing Set for Suction,** sterile, for single use, package of 10, for use with ENDOMAT® LC SCB

Irrigation Tubing Sets





For use with CLEARVISION®, UNIDRIVE® II plus, UNIDRIVE® ENT/ECO/NEURO, UNIDRIVE® S III ENT/ECO/NEURO and/or CLEARVISION® II







031129-10	<b>Tubing Set,</b> sterile, for single use, package of 10, for use with CLEARVISION®
031130-10	<b>Tubing Set,</b> sterile, for single use, package of 10, for use with UNIDRIVE® II plus
031131-10	<b>Tubing Set,</b> sterile, for single use, package of 10, for use with UNIDRIVE® ENT/ECO/NEURO, UNIDRIVE® S III ENT/ECO/NEURO
031229-10	Tubing Set, sterile, for single use, package of 10, for use with CLEARVISION® II

10

for irrigation and suction





#### **Special Features:**

• No risk of confusion when placing the connectors

For use with ENDOMAT® SELECT and/or HAMOU® ENDOMAT® SCB 26 3311 20-1





030547-01



Tubing Set for Suction, 150 cm, with EXTRA-LARGE 030547-01 LUER-Lock, unsterile, for use with HAMOU® ENDOMAT® SCB **26** 3311 20-1



031523-10

031524-10



031523-10 Tubing Set for Irrigation, PC, sterile, for single use, package of 10, for use with HAMOU® ENDOMAT® SCB 26 3311 20-1 and ENDOMAT® SELECT

> Tubing Set for Irrigation, FC, sterile, for single use, package of 10, for use with HAMOU® ENDOMAT® SCB 26 3311 20-1 and ENDOMAT® SELECT

for suction





#### For use with S-PILOT®







031457-10

031457-10 **Tubing Set for Suction,** sterile, for single use, package of 10, for use with S-PILOT®, for urology/gynecology

for suction





#### For use with UROMAT and CALCUSON









030147-10	<b>Tubing Set for Suction,</b> sterile, for single use, package of 10, consisting of patient tube and pump tube, for use with suction and suction/irrigation pumps and Bottle Cap <b>20</b> 3000 34 for suction bottles
030247-10	<b>Y-Tubing Set,</b> for suction, sterile, for single use, package of 10, for use with resectoscopes, collection bags and other suction

031347-10 **Tubing Set for Suction,** sterile, for single use, package of 10, for use with UROMAT and CALCUSON

instruments

## **Bacterial Filter**







#### For use with UNIMAT® 30







**25** 3200 80

Filter, for suction, unsterile, for use with UNIMAT  $\!\!^{\tiny{(\!1\!)}}\!\!\!\!\! 30$ **25** 3200 80

**Containers** 



#### Easy to use



The single-use collection system offers numerous advantages for straightforward use in the clinic.

The one-piece liner is simply inserted into the jar and is ready for use in seconds. As the vacuum port is located directly in the jar, the liner can be conveniently removed and replaced without having to remove the jar.

The snap-lock system holds the jar securely in place and allows easy liner replacement with only one hand.

If large amounts of secretions need to be suctioned, the system can be used with a serial connection or a special change-over valve. Logistical effort is reduced as there are only two container sizes: 1.5 and 2.5 l.

Clear color coding rules out mix-ups: Orange bag in an orange container; yellow bag in a yellow container.







030301-01 **Suction Jar,** 1.5 l



030302-01 Secretion Container, 2.5 I



030362-10 **Coupling Piece,** package of 10

91-0

250 UNITS-MTP 30

**Suction Liners** 













030310-40 Suction Liner, 1.5 I, for single use, package of 40



030320-40 Suction Liner, 2.5 I, for single use, package of 40



030315-30 Suction Liner, 1.5 I, with solidifier, for single use, package of 30



Suction Liner, 2.5 I, with solidifier, 030325-30 for single use, package of 30

**UNITS-MTP 31** 251

**Tubing Sets for Suction** 











030248-10 **Tubing Set for Suction,** 250 cm, with male LUER-Lock, sterile, for single use, package of 10





030448-01 **Tubing Set for Suction,** 150 cm, unsterile, for use with pumps with ISO connectors



030547-01 **Tubing Set for Suction,** 150 cm, with EXTRA-LARGE LUER-Lock, unsterile, for use with HAMOU® ENDOMAT® SCB **26** 3311 20-1



030748-20 **Tubing Set for Suction,** 170 cm, unsterile, package of 20



030948-01 **Tubing Set for Suction,** 150 cm, unsterile, for use with pumps with LUER-Lock connectors

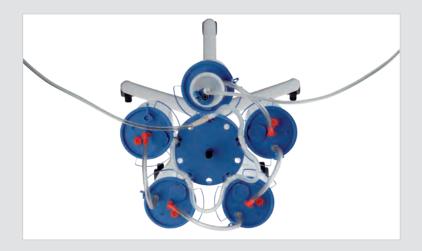
**Tubing Sets for Serial Connection** 





## **Special Features:**

• Serial connection with up to 5 canisters possible









	030341-01	Serial Connection, vacuum
Н	030342-01	Vacuum Tubing, with straight coupling piece (for single-use system)
	030343-01	Silicone Tubing, diameter 7x12 mm, 100 cm, without coupling piece
11	030346-01	Silicone Tubing, diameter 7x12 mm, 30 cm, with coupling piece

9-16

UNITS-MTP 33 253

















030370-10 Specimen Cup, for collection system, unsterile, for single use, package of 10

12 I Canister





#### **Special Features:**

• Serial connection with up to 5 canisters possible





030306-04

**Guardian Suction Canister,** 12 l, for single use, package of 4







030970-10

**Tissue Trap Filter with Adaptor,** unsterile, for single use, package of 10, for use with Suction Canister 030306-04 and other suction bottle systems



030381-01

Guardian LVC Roll Stand, for 1 canister, 12 l



# **Spare Parts and Accessories**

Filter





#### **Special Features:**

Prevents contamination and damage to the suction unit









031124-10

031124-10 **Filter,** for suction, connection on bottle side with special connection, connection on unit side with cone, for single use, package of 10, for use with all standard suction pumps with tube connections

# **Spare Parts and Accessories**

Care-Lock Connector





#### For use with Tubing Sets and Puncture Cannulas







031151-100

031151-100 Care-Lock Connector, sterile, for single use, package of 100, for use with tubing sets with puncture cannulas

## **Neutral Electrode**





#### For use with AUTOCON®









27802

27802

**Neutral Electrode,** contact surface divided into two, A = 169 cm², for single use, package of 50, Connecting Cable 27801 required, for use with AUTOCON® 50/200/350 and AUTOCON® II 400 all versions



# **NAVIGATION**

BONE SCREWS2	60
NAVIGATED SINUS BURRS2	61
ACCESSORIES	
FOR NAVIGATION 2	62



## **Bone Screws**





#### For use with maxDrive® bone anchor and screwdriver handle







**40** 8002 23





maxDrive® Bone Screw, diameter 2 mm, length 7 mm, sterile, package of 3, for use with maxDrive® bone **40** 8002 23 anchor and screwdriver handle





**40** 8002 23



40 8002 25 maxDrive® Bone Screw, diameter 2 mm, length 7 mm, unsterile, package of 5, for use with maxDrive® bone anchor and screwdriver handle

# **Navigated Sinus Burrs**

for paranasal and skull base surgery





Detail	Sinus Burrs, curved 70°/40°/15°, length 12 cm, sterile, for single use, package of 5		
	41305 D	curved 15°, diamond head, drill diameter 5 mm, shaft diameter 4 mm, color code: red-yellow	
	41305 DW	curved 40°, diamond head, drill diameter 5 mm, shaft diameter 4 mm, color code: red-yellow	
	41303 DT	curved 70°, diamond head, drill diameter 3.6 mm, shaft diameter 4 mm, color code: red-yellow	
	41335 DW	curved 40°, diamond head, drill diameter 5 mm, shaft diameter 4 mm, color code: red	
	41335 DT	curved 70°, diamond head, drill diameter 3.6 mm, shaft diameter 4 mm, color code: red	

9

NAV-MTP 3 261

## **Accessories**

for navigation





#### For use with Patient Tracker





#### Headband





**40** 8000 83

Headband for Navigation, with plastic holder, unsterile, for single use, for use with NAV1® PICO, NAV1® OPTICAL and NAV1® ELECTROMAGNETIC

40 8002 00

Headband for Navigation, with plastic holder and headband, unsterile, for single use, package of 10, for use with NAV1® PICO, NAV1® OPTICAL and NAV1® ELECTROMAGNETIC

#### **Adhesive Pad**



40 8200 84

Adhesive Pad, sterile, for single use, package of 20, for use with EM Patient Tracker 40 8200 86 or with headband







# **HYGIENE**

CLEANING BRUSHES ......264-266



# **Cleaning Brushes**





## **Special Features:**

- Excellent hygienic safety thanks to double-sided brush and single-use product
- Rounded tips to protect the endoscope from damage







110910-50

MANAGERALA	110910-50	Cleaning Brush, with double-sided brush, length 220 cm, brush diameter 5 mm, unsterile, for single use, package of 50, for use with flexible endoscopes with working channel diameters 2.8 – 4.2 mm
TANAMANA	110915-50	<b>Cleaning Brush,</b> with double-sided brush, length 220 cm, brush diameter 3 mm, unsterile, for single use, package of 50, for use with flexible endoscopes with working channel diameters 2 – 2.3 mm
◆ <del>NNWNNNNNNN</del>	110917-50	Cleaning Brush, with double-sided brush, length 220 cm, brush diameter 1.5 mm, unsterile, for single use, package of 50, for use with flexible endoscopes with a working channel diameter of 1.2 mm
	110920-10	Biofilm Removal Device Cleaning Brush, flocked, length 200 cm, unsterile, for single use, package of 10, for use with flexible endoscopes with a working diameter of 1.2 mm

## **Cleaning Brushes**

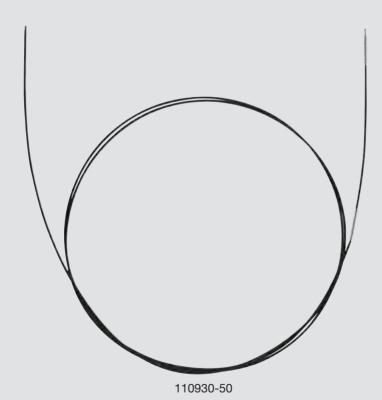




#### **Special Features:**

- Brush filaments become softer from distal to proximal to remove coarse and fine debris during each brushing process, thus reducing the risk of biofilm
- Distally conical brush head
- Distal brush head is green to ensure safe insertion of the distal end
- In the case of thin-lumened cleaning brushes, the distal brush head has been replaced by two proximally mounted brush heads to make insertion into the working channel easier
- Brush tip end ensures maximum protection of the working channel

- Clear and unambiguous identification of the working channel diameter through color coding
- Individual intermediate sizes adapted to working channel length and diameter for time-saving and hygienically safe reprocessing
- Practical dispenser box with perforated individual packaging for easy removal
- Ready for use
- User-friendly design
- Enhanced hygiene safety
- No risk of cross-contamination
- Time savings by eliminating the need to reprocess reusable cleaning brushes
- Cleaning effectiveness proven by standard regulations







265

Cleaning Brushes, for working channel sizes 1.2 – 1.5 mm:

110930-50

Biofilm Removal Device Cleaning Brush, length 90 cm, brush diameter 1.7 mm, unsterile, for single use, package of 50, for use with flexible endoscopes with working channel diameters 1.2 – 1.5 mm

110931-50

Same, length 125 cm

Same, length 200 cm

4-

HYG-MTP 3

## **Cleaning Brushes**





#### Cleaning Brushes, for working channel sizes 2 - 2.3 mm:

110940-50 Cleaning Brush, with double-sided brush, length 90 cm,

brush diameter 2.6 mm, unsterile, for single use, package of 50, for use with flexible endoscopes with

working channel diameters 2 - 2.3 mm

110941-50 **Same,** length 120 cm 110942-50 **Same,** length 160 cm



#### Cleaning Brushes, for working channel sizes 2.6 - 3 mm:

110950-50 Cleaning Brush, with double-sided brush, length 120 cm,

brush diameter 3.2 mm, unsterile, for single use, package of 50, for use with flexible endoscopes with working channel

diameters 2.6 - 3 mm

110951-50 **Same,** length 165 cm 110952-50 **Same,** length 250 cm

#### Cleaning Brushes, for working channel sizes 3.2 - 4.2 mm:

110960-50 **Cleaning Brush,** with double-sided brush, length 140 cm,

brush diameter 4.5 mm, unsterile, for single use, package of 50, for use with flexible endoscopes with working channel

diameters 3.2 – 4.2 mm

110961-50 **Same,** length 190 cm 110962-50 **Same,** length 230 cm

Game, longar 200 om

\_

# Request per Business Reply Card or per FAX

+49 (0)7461 708404 or one of KARL STORZ distribution companies – checkmark – provide address – send –

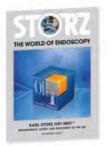


If there are not enough reply cards available, KARL STORZ also offers this service in the Internet:

www.karlstorz.com

Please cut out reply card!

Please send us detailed information: (please check):

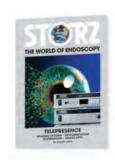


#### KARL STORZ OR1 NEO®

ERGONOMICS, SAFETY
AND EFFICIENCY IN THE OR

We are particularly interested in:

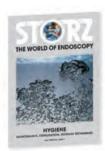
- System integration
- ☐ Data management and documentation
- ☐ Telemedicine



## ☐ TELEPRESENCE

We are particularly interested in:

- ☐ FULL HD New vision in medicine
- □ Camera systems
- ☐ Data management and documentation
- ☐ Monitors and video printers
- Light sources
- ☐ Equipment carts



## HYGIENE

CLEANING, STERILIZATION AND MAINTENANCE, STORAGE TECHNIQUES



## ■ ENDOPROTECT1

KARL STORZ SERVICE PROGRAM

We are particularly interested in:

- ☐ Repair service
- Set audits
- □ Training
- □ OR1™ service
- ☐ Hygiene
- □ ORCHESTRION IMM

We would like a non-binding consultancy meeting.

Appointment requested with:

Address:		
Hospital/Office		
Contact		
Street		
Postal Code		
Town/City		
Tel.		
E-Mail		

Postage paid

**REPLY** 

KARL STORZ SE & Co. KG Postfach 230

78503 Tuttlingen/Germany

# Request per Business Reply Card or per FAX

+49 (0)7461 708404 or one of KARL STORZ distribution companies

- checkmark - provide address - send -



If there are not enough reply cards available, KARL STORZ also offers this service in the Internet: www.karlstorz.com

Please cut out reply card!

Address:
Hospital/Office
Contact
Street
Postal Code
Town/City
Tel.
E-Mail

Postage paid

**REPLY** 

KARL STORZ SE & Co. KG Postfach 230

78503 Tuttlingen/Germany

Please send us detailed information: (please check):

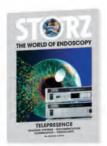


## KARL STORZ OR1 NEO®

ERGONOMICS, SAFETY AND EFFICIENCY IN THE OR

We are particularly interested in:

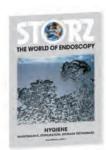
- System integration
- Data management and documentation
- ☐ Telemedicine



#### TELEPRESENCE

We are particularly interested in:

- ☐ FULL HD New vision in medicine
- □ Camera systems
- ☐ Data management and documentation
- ☐ Monitors and video printers
- Light sources
- Equipment carts



#### HYGIENE

CLEANING, STERILIZATION AND MAINTENANCE, STORAGE TECHNIQUES



### ENDOPROTECT1

KARL STORZ SERVICE PROGRAM

We are particularly interested in:

- ☐ Repair service
- ☐ Set audits
- □ Training
- ☐ OR1™ service
- ☐ Hygiene
- □ ORCHESTRION IMM

We would like a non-binding consultancy meeting.

Appointment requested with: