



# Endoscopy product catalog

Clinical and general practice supplies,  
surgical instruments

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BODY PRODUCTS Relax Pharma und Kosmetik GmbH was founded in 1989 in Frechen near Cologne and employs a productive team guided by the values of the family-run business. Thanks to continuous expansion in the medical and hygiene business divisions, Body Products has grown into an international trading and manufacturing enterprise.

Physicians, nursing staff, and partners have placed their trust in us because we work together with passion and joy to ensure people's well-being, and because our medical and hygiene products and services sustainably increase quality of life and occupational safety. Due to our close cooperation with high-performance partners in the EU, Asia, and worldwide, we can promise reliable and quick deliveries under favorable market conditions.

We work closely together with users in healthcare to continuously refine and advance our instruments and accessories for endoscopy, with a focus on practical application and product benefits. By combining smooth operation with maximum efficiency, we strive to meet the needs of our customers and ensure their complete satisfaction – that is our goal and the motivation behind everything we do.

To ensure compliance with the applicable quality standards and continuous optimization of our business units, we operate a comprehensive quality management system certified under ISO 13485.

We successfully involve our team and customers in our business development and build upon their experience and strengths.

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# Tissue acquisition



## Endoscopic accessories



## Biopsy forceps

Precise and safe  
tissue acquisition

High-precision cut  
Coated and uncoated  
Incl. tissue sampler

# Standard biopsy forceps

Precise and safe tissue acquisition



## Coated – oval cups

- Oval cups
- High-precision cut avoids risk of tissue damage
- Position markings
- With integrated handle
- Incl. tissue sampler
- Individually sterile packed

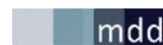


Product code

Outer diameter	Working length	Cup length	Cup depth	Cup volume	Pieces per box	Without spike	With spike
<b>For pediatric endoscopes/bronchoscopes with working channels from 2.0 mm</b>							
1.8 mm	120 cm	1.93 mm/ 2.45 mm	0.68 mm	2.19 mm <sup>3</sup>	10	<b>BF11-ECO-18-120-SU</b>	<b>BF12-ECO-18-120-SU</b>
1.8 mm	160 cm	1.93 mm/ 2.45 mm	0.68 mm	2.19 mm <sup>3</sup>	10	<b>BF11-ECO-18-160-SU</b>	<b>BF12-ECO-18-160-SU</b>
<b>For pediatric endoscopes with working channels from 2.0 mm</b>							
1.8 mm	180 cm	1.93 mm/ 2.45 mm	0.68 mm	2.19 mm <sup>3</sup>	10	<b>BF11-ECO-18-180-SU</b>	<b>BF12-ECO-18-180-SU</b>
1.8 mm	230 cm	1.93 mm/ 2.45 mm	0.68 mm	2.19 mm <sup>3</sup>	10	<b>BF11-ECO-18-230-SU</b>	<b>BF12-ECO-18-230-SU</b>
<b>For gastroscopes and colonoscopes with working channels from 2.5 mm</b>							
2.3 mm	160 cm	2.5 mm/ 3 mm	0.85 mm	5.37 mm <sup>3</sup>	10	<b>BF11-ECO-23-160-SU</b>	<b>BF12-ECO-23-160-SU</b>
2.3 mm	180 cm	2.5 mm/ 3 mm	0.85 mm	5.37 mm <sup>3</sup>	10	<b>BF11-ECO-23-180-SU</b>	<b>BF12-ECO-23-180-SU</b>
2.3 mm	230 cm	2.5 mm/ 3 mm	0.85 mm	5.37 mm <sup>3</sup>	10	<b>BF11-ECO-23-230-SU</b>	<b>BF12-ECO-23-230-SU</b>

## ECO biopsy forceps

Precise and safe tissue acquisition



### Coated – oval cups

- Oval cups, punched
- High-precision cut avoids risk of tissue damage
- Position markings
- With integrated handle
- Individually sterile packed



Product code

Outer diameter	Working length	Cup length	Cup depth	Cup volume	Pieces per box	Without spike	With spike
For gastroscopes and colonoscopes with working channels from 2.5 mm							
2.3 mm	160 cm	2.5 mm/ 3 mm	0.85 mm	5.37 mm <sup>3</sup>	10	BF11-ECO-S-23-160-SU	BF12-ECO-S-23-160-SU
2.3 mm	180 cm	2.5 mm/ 3 mm	0.85 mm	5.37 mm <sup>3</sup>	10	BF11-ECO-S-23-180-SU	BF12-ECO-S-23-180-SU
2.3 mm	230 cm	2.5 mm/ 3 mm	0.85 mm	5.37 mm <sup>3</sup>	10	BF11-ECO-S-23-230-SU	BF12-ECO-S-23-230-SU

## Jumbo biopsy forceps

Precise and safe tissue acquisition



### Coated – oval cups

- Oval cups with double cup volume compared to standard forceps
- High-precision cut avoids risk of tissue damage
- Position markings
- With integrated handle
- Incl. tissue sampler
- Individually sterile packed



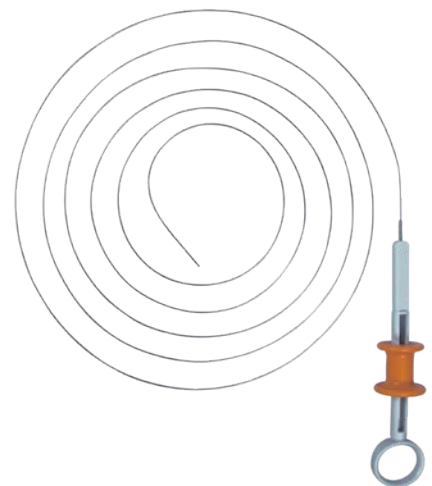
Product code

Outer diameter	Working length	Cup length	Cup depth	Cup volume	Pieces per box	Without spike	With spike
For colonoscopes with working channels from 3.2 mm							
3 mm	230 cm	4.0 mm/ 3.6 mm	1.1 mm	8.79 mm <sup>3</sup>	10	BF11-ECO-30-230-SU	BF12-ECO-30-230-SU

## Micro biopsy forceps



- High-precision cut avoids risk of tissue damage
- With integrated handle
- Individually sterile packed
- Grasping forceps with separate transport protection
- For safe biopsy during ureteroscopy/cholangioscopy
- Uncoated



Product code

Outer diameter	Working length	Cup length	Cup depth	Cup volume	Pieces per box	Without spike	With spike
1 mm	120 cm	1.35 mm	0.35 mm	0.67 mm <sup>3</sup>	10	BF11-SG-10-120-SU	-
1 mm	250 cm	1.35 mm	0.35 mm	0.67 mm <sup>3</sup>	5	BF11-SG-10-250-SU	-
1 mm	290 cm	1.35 mm	0.35 mm	0.67 mm <sup>3</sup>	5	BF11-SG-10-290-SU	-



# Alligator biopsy forceps

Precise and safe tissue acquisition



## Coated – serrated cups

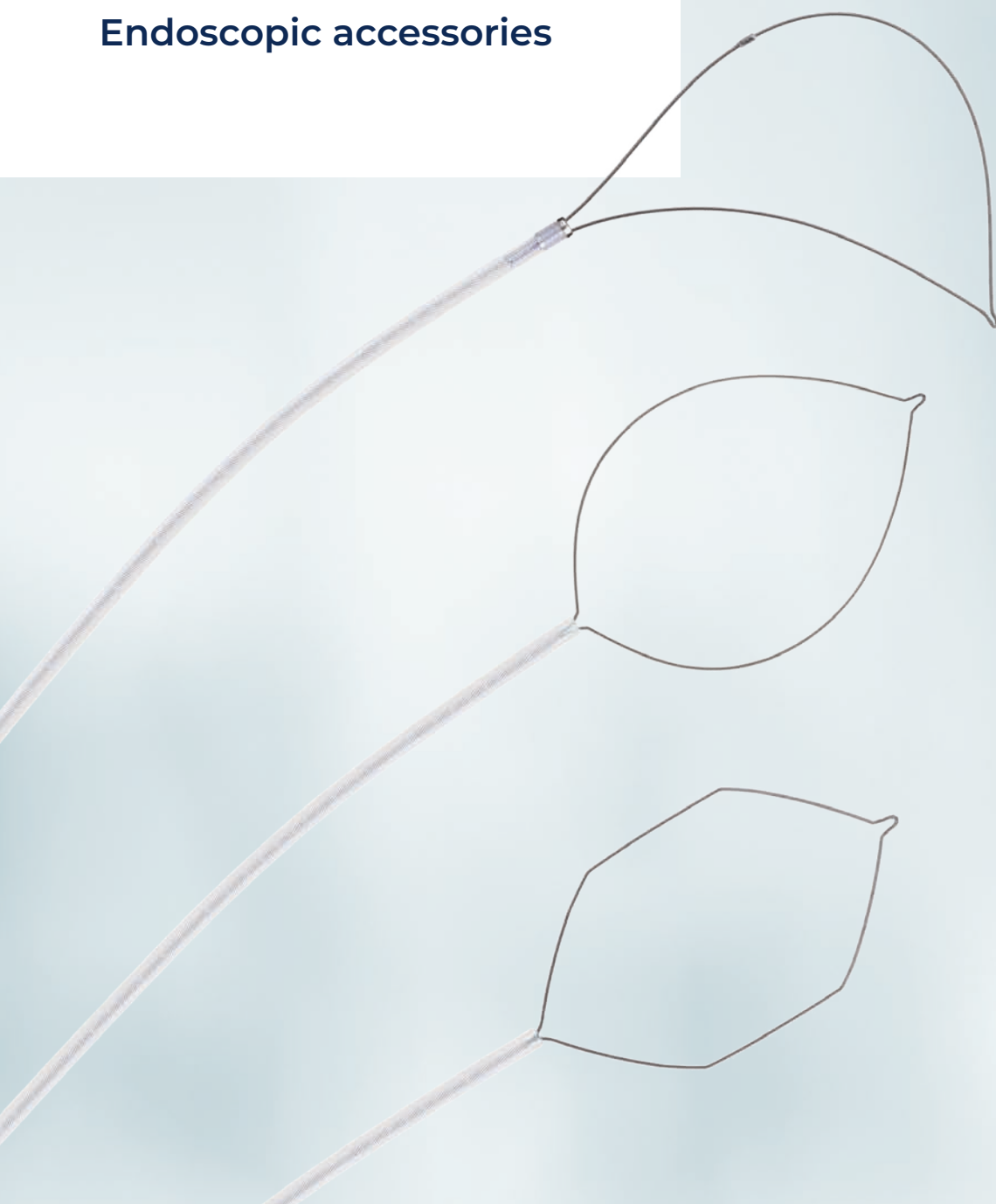
- Serrated cups
- High-precision cut avoids risk of tissue damage
- Position markings
- With integrated handle
- Incl. tissue sampler
- Individually sterile packed



Product code

Outer diameter	Working length	Cup length	Cup depth	Cup volume	Pieces per box	Without spike	With spike
<b>For pediatric endoscopes with working channels from 2.0 mm</b>							
1.8 mm	180 cm	2.05 mm/ 2.7 mm	0.83 mm	2.22 mm <sup>3</sup>	10	BF11-ALI-18-180-SU	BF12-ALI-18-180-SU
1.8 mm	230 cm	2.05 mm/ 2.7 mm	0.83 mm	2.22 mm <sup>3</sup>	10	BF11-ALI-18-230-SU	BF12-ALI-18-230-SU
<b>For gastroscopes and colonoscopes with working channels from 2.5 mm</b>							
2.3 mm	180 cm	2.88 mm/ 3.08 mm	0.98 mm	4.85 mm <sup>3</sup>	10	BF11-ALI-23-180-SU	BF12-ALI-23-180-SU
2.3 mm	230 cm	2.88 mm/ 3.08 mm	0.98 mm	4.85 mm <sup>3</sup>	10	BF11-ALI-23-230-SU	BF12-ALI-23-230-SU

## Endoscopic accessories



## Polypectomy snares

Tissue-conserving  
removal of polyps

Various shapes  
Multifilament  
HF ablation

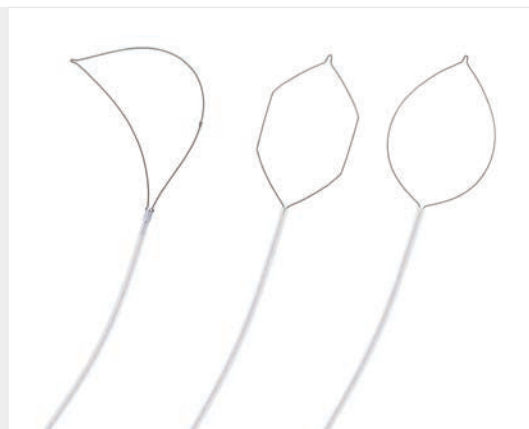
# Polypectomy snares

Tissue-conserving removal of polyps



## HF ablation

- Easy capturing of polyps that are difficult to reach
- Controlled and continuously variable incision thanks to dimensionally stable and bending-resistant multifilament snare wire
- Integrated ergonomic handle for comfortable use
- Olympus HF connection
- Individually sterile packed



					Product code		
Catheter outer diameter	Working length	Open size	Cutting wire diameter	Pieces per box	Sickle	Hexagonal	Oval
For gastroscopes and colonoscopes with working channels from 2.6 mm							
2.4 mm	230 cm	10 mm	0.4 mm	10	CRE-DS-23-10-230	HEX-DS-23-10-230	OVA-DS-23-10-230
2.4 mm	230 cm	15 mm	0.4 mm	10	CRE-DS-23-15-230	HEX-DS-23-15-230	OVA-DS-23-15-230
2.4 mm	230 cm	20 mm	0.4 mm	10	CRE-DS-23-20-230	HEX-DS-23-20-230	OVA-DS-23-20-230
2.4 mm	230 cm	25 mm	0.4 mm	10	CRE-DS-23-25-230	HEXDS-23-25-230	OVA-DS-23-25-230
2.4 mm	230 cm	30 mm	0.4 mm	10	CRE-DS-23-30-230	HEX-DS-23-30-230	OVA-DS-23-30-230
2.4 mm	230 cm	35 mm	0.4 mm	10	CRE-DS-23-35-230	HEX-DS-23-35-230	OVA-DS-23-35-230
2.4 mm	230 cm	50 mm	0.4 mm	10	-	-	OVA-DS-23-50-230



## Rotatable polypectomy snares

Easier capturing of polyps thanks to rotatable snare

360° rotation  
Multifilament  
HF ablation

# Rotatable polypectomy snares

Easier capturing of polyps thanks to rotatable snare



## HF ablation

- 360° rotation makes it easier to capture polyps
- Gentle tissue removal
- Easy capture and removal even of polyps that are difficult to reach
- Controlled and continuously variable incision thanks to dimensionally stable and bending-resistant multifilament snare wire
- Integrated ergonomic handle for comfortable use
- Olympus HF connection
- Individually sterile packed



Product code

Catheter outer diameter	Working length	Open size	Cutting wire diameter	Pieces per box	Product code
<b>For gastroscopes and colonoscopes with working channels from 2.6 mm</b>					
2.4 mm	230 cm	10 mm	0.4 mm	10	OVA-DR-24-10-230
2.4 mm	230 cm	15 mm	0.4 mm	10	OVA-DR-24-15-230
2.4 mm	230 cm	20 mm	0.4 mm	10	OVA-DR-24-20-230
2.4 mm	230 cm	25 mm	0.4 mm	10	OVA-DR-24-25-230
2.4 mm	230 cm	30 mm	0.4 mm	10	OVA-DR-24-30-230
2.4 mm	230 cm	50 mm	0.4 mm	10	OVA-DR-24-50-230



## Multi-stage polypectomy snares

Up to three different sizes in one snare

Multistage and 360° rotation  
Multifilament  
Cold ablation

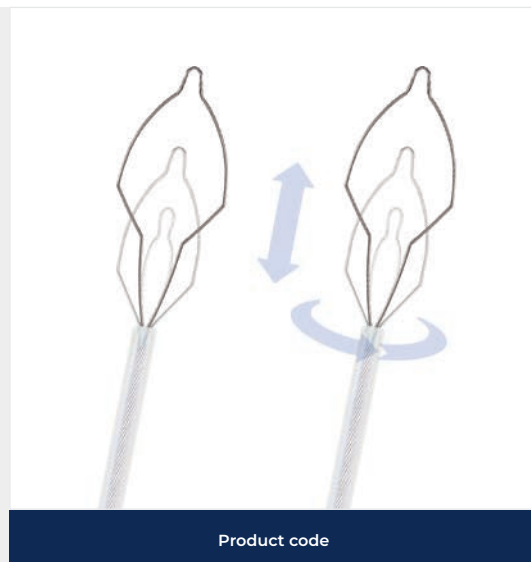
# Multi-stage polypectomy snares

Up to three different sizes in one snare



## Cold ablation

- The multi-stage design combines three sizes and shapes in one snare, which makes it unnecessary to replace the snare during an examination
- The design with additional 360° rotation makes it easier to capture polyps
- Gentle tissue removal
- Easy capture and removal even of polyps that are difficult to reach
- Controlled incision thanks to dimensionally stable and bending-resistant multifilament snare wire
- Integrated ergonomic handle for comfortable use
- Individually sterile packed



Catheter outer diameter	Working length	Open size	Cutting wire diameter	Pieces per box	Product code	
					Multistage	Multistage - rotatable
For gastroscopes and colonoscopes with working channels from 2.6 mm						
2.4 mm	230 cm	10 mm	0.25 mm	10	MST-CS-24-02-10-230	MST-CR-24-02-10-230
2.4 mm	230 cm	10 mm	0.30 mm	10	MST-CS-24-03-10-230	MST-CR-24-03-10-230
2.4 mm	230 cm	15 mm	0.25 mm	10	MST-CS-24-02-15-230	MST-CR-24-02-15-230
2.4 mm	230 cm	15 mm	0.30 mm	10	MST-CS-24-03-15-230	MST-CR-24-03-15-230



## Hybrid polypectomy snares

Cold and HF ablation  
between 3 and 15 mm

Multi-opening and 360° rotation  
Multifilament  
Cold and HF ablation



## Hybrid polypectomy snares

Cold and HF ablation between 3 and 15 mm



### Cold and HF ablation

- Various opening widths for ablating polyps between 3 and 15 mm with and without HF current
- 360° rotation makes it easier to capture polyps
- Gentle tissue removal
- Easy positioning for flat lesions thanks to braided snare
- Controlled incision thanks to dimensionally stable and bending-resistant multifilament snare wire
- Integrated ergonomic handle for comfortable use
- Individually sterile packed



Product code

Catheter outer diameter	Working length	Open size	Cutting wire diameter	Pieces per box	Multi-opening – rotatable
For gastroscopes and colonoscopes with working channels from 2.6 mm					
2.4 mm	230 cm	10 mm	0.4 mm	10	OVA-HYB-24-10-230
2.4 mm	230 cm	15 mm	0.4 mm	10	OVA-HYB-24-15-230

# Multi-opening polypectomy snare



Cold and HF ablation between 3 and 15 mm



## Multi-opening snare/ multi-opening-grip snare

- Various opening widths between 6, 10 and 30 mm for the ablation of polyps with HF current
- 360° rotation makes it easier to capture polyps
- Gentle tissue removal
- Controlled incision thanks to dimensionally stable and bending-resistant multifilament snare wire
- Integrated ergonomic handle for comfortable use
- Individually sterile packed

MOT-24-6-12-30-230



MOE-A-24-6-12-30-230



Catheter outer diameter	Working length	Open size	Special features	Snare shape	Pieces per box	Product code
For gastroscopes and colonoscopes with working channels from 2.6 mm						
2.4 mm	230 cm	6 mm/10 mm/30 mm	-	Diamond/Hexagonal/Oval	10	MOE-24-6-12-30-230
2.4 mm	230 cm	6 mm/10 mm/30 mm	Grip	Diamond/Hexagonal/Oval	10	MOE-A-24-6-12-30-230
2.4 mm	230 cm	6 mm/10 mm/30 mm	Rotatable	Diamond/Hexagonal/Oval	10	MOS-24-6-12-30-230
2.4 mm	230 cm	6 mm/10 mm/30 mm	Grip, rotatable	Diamond/Hexagonal/Oval	10	MOS-A-24-6-12-30-230
2.4 mm	230 cm	6 mm/10 mm/30 mm	Rotatable, Teflon-coated	Diamond/Hexagonal/Oval	10	MOT-24-6-12-30-230



## Cytology brushes

Brush for cytological analysis

Straight and U-shaped  
Micro-bristles  
Ergonomic handle

# Cytology brushes

Brush for cytological analysis



- The straight cytology brush safely reaches deeper-lying tissue
- The U-shaped cytology brush captures a large quantity of tissue all around it
- Micro-bristles for better diagnostic results
- Metal ball head for optimum x-ray visibility
- Protection of the cytologic smear by proven tube closure
- Integrated ergonomic handle for comfortable use
- Individually sterile packed

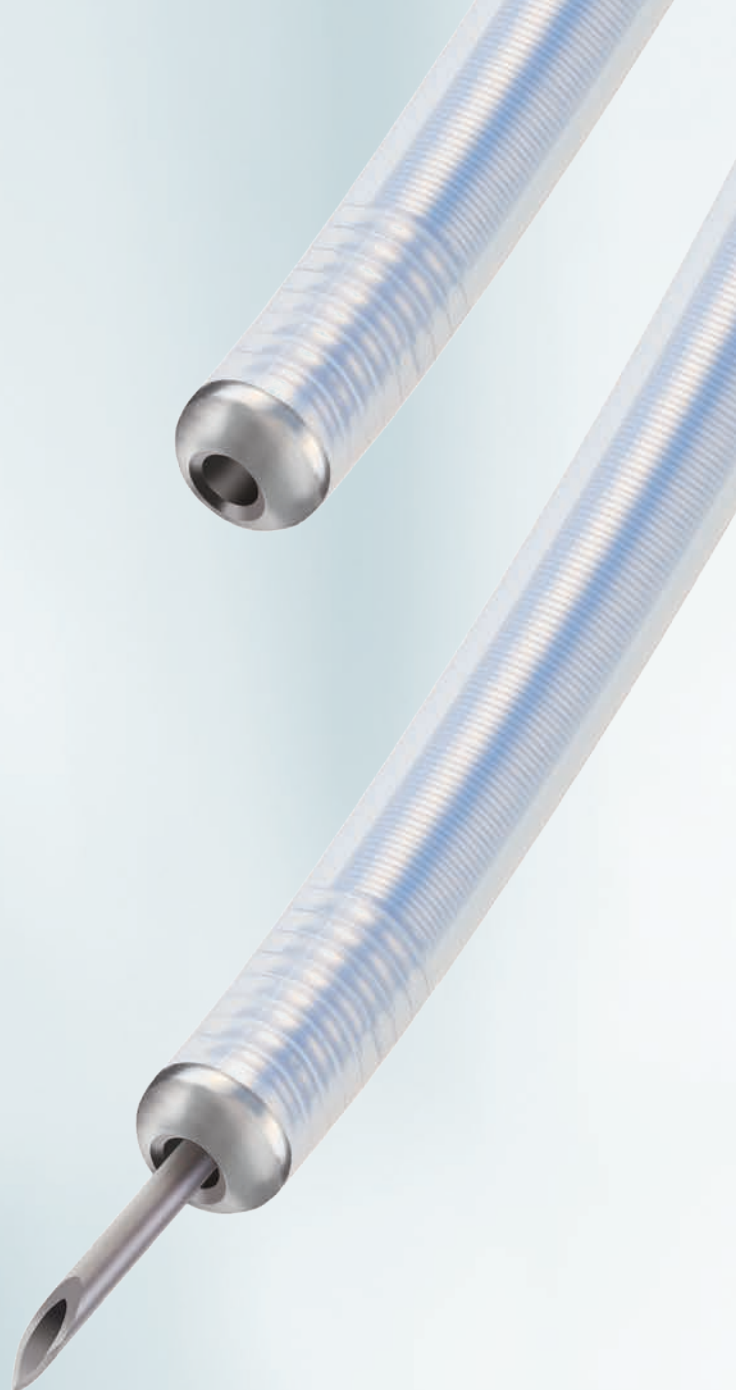


Catheter		Brush		Pieces per box	Product code	
∅	Length	∅	Length		Straight	U-shaped
<b>For endoscopes with working channels from 2.0 mm</b>						
1.8 mm	120 cm	4 mm	10 mm	10	CYB-18-04-10-120	CYB-US-18-04-10-120
<b>For endoscopes with working channels from 2.5 mm</b>						
2.3 mm	120 cm	4 mm	10 mm	10	CYB-23-04-10-120	CYB-US-23-04-10-120
2.3 mm	160 cm	4 mm	10 mm	10	CYB-23-04-10-160	CYB-US-23-04-10-160
2.3 mm	180 cm	4 mm	10 mm	10	CYB-23-04-10-180	CYB-US-23-04-10-180
2.3 mm	230 cm	4 mm	10 mm	10	CYB-23-04-10-230	CYB-US-23-04-10-230



# Hemostasis

## Endoscopic accessories



## Injection needles

Application of medications  
and medical solutions

Manual needle retraction  
Rounded tip  
Protection spiral

# Injection needles

Application of medications and medical solutions



- Safe needle guidance thank to manual needle retraction
- Protection spiral to avoid lateral perforation
- Color-coding for easier instrument selection
- Smooth puncturing of the target tissue
- Needle locking with extended or retracted needle
- Integrated ergonomic handle for comfortable use
- Individually sterile packed



Needle diameter	Needle length	Catheter outer diameter	Working length	Pieces per box	Product code
<b>For gastroscopes and colonoscopes with working channels from 2.6 mm</b>					
19 gauge/1.0 mm	4 mm	2.4 mm	230 cm	10	IN-23-19-4-230
19 gauge/1.0 mm	5 mm	2.4 mm	230 cm	10	IN-23-19-5-230
19 gauge/1.0 mm	6 mm	2.4 mm	230 cm	10	IN-23-19-6-230
22 gauge/0.7 mm	4 mm	2.4 mm	230 cm	10	IN-23-22-4-230
22 gauge/0.7 mm	5 mm	2.4 mm	230 cm	10	IN-23-22-5-230
22 gauge/0.7 mm	6 mm	2.4 mm	230 cm	10	IN-23-22-6-230
23 gauge/0.6 mm	4 mm	2.4 mm	230 cm	10	IN-23-23-4-230
23 gauge/0.6 mm	5 mm	2.4 mm	230 cm	10	IN-23-23-5-230
23 gauge/0.6 mm	6 mm	2.4 mm	230 cm	10	IN-23-23-6-230
25 gauge/0.5 mm	4 mm	2.4 mm	230 cm	10	IN-23-25-4-230
25 gauge/0.5 mm	5 mm	2.4 mm	230 cm	10	IN-23-25-5-230
25 gauge/0.5 mm	6 mm	2.4 mm	230 cm	10	IN-23-25-6-230

## Endoscopic accessories



## Hemoclips

Hemoclip for endoscopic hemostasis

Easy to open and close  
Repositionable clip placement  
Ergonomic handle



# Heliclips

Hemoclip for endoscopic hemostasis



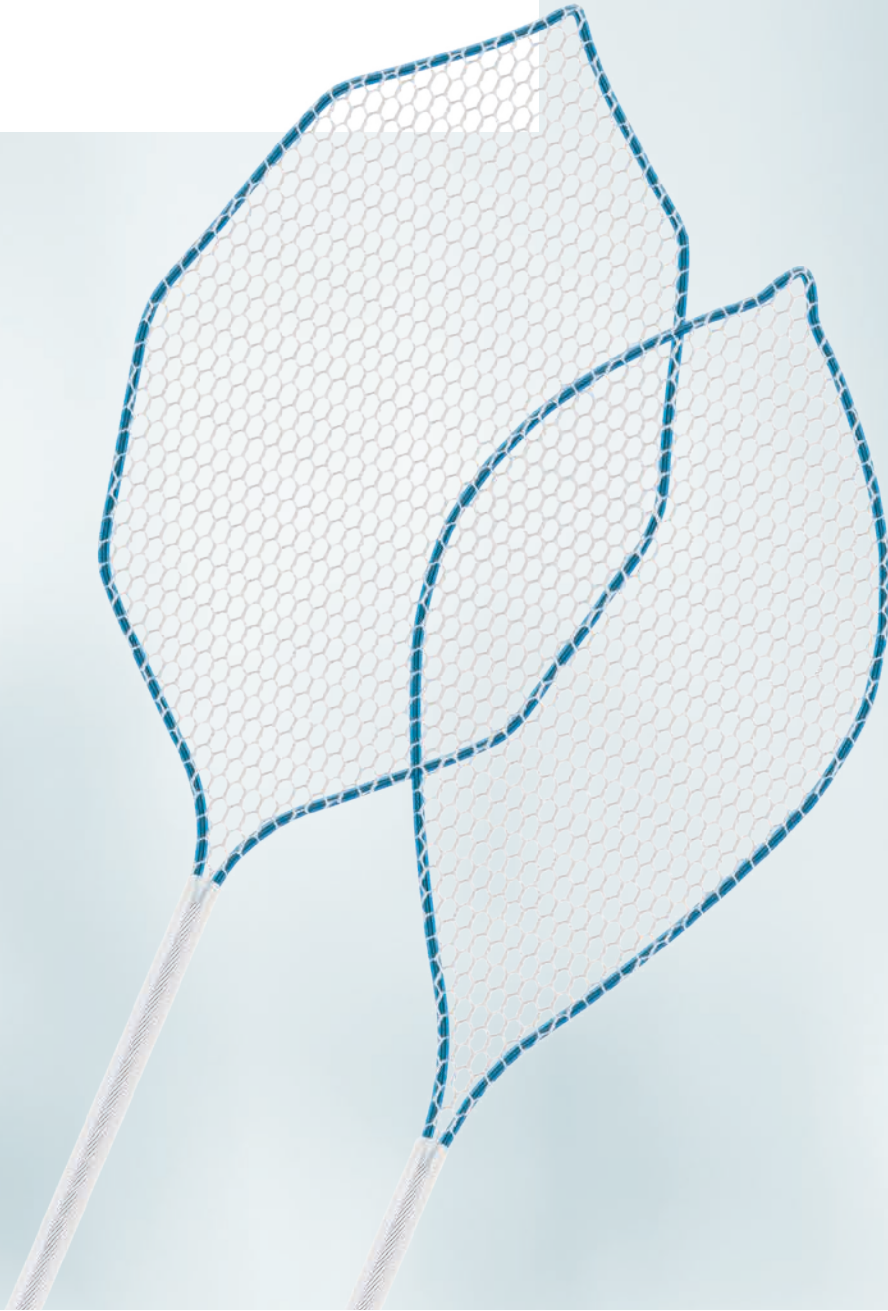
- 180° opening and stepless 360° rotation of the clip facilitate placement
- Safe and easy release of the clip
- PTFE tube coating ensures optimum sliding properties
- Atraumatic tip protects the endoscope from damage
- Ergonomic handle supports a comfortable application
- Color-coding for easier instrument selection
- Individually sterile packed



Clip length approx.	Opening	Catheter outer diameter	Working length	Pieces per box	Product code
<b>For gastroscopes and colonoscopes with working channels from 2.8 mm</b>					
4.5 mm	9 mm	2.5 mm	230 cm	10	HC-23-230-9
6 mm	12 mm	2.5 mm	230 cm	10	HC-23-230-12
8 mm	16 mm	2.5 mm	230 cm	10	HC-23-230-16



# Foreign body retrieval



## Foreign body retrieval nets

Easily catch foreign bodies that are difficult to capture

High maneuverability  
Strong net material  
Ergonomic handle

# Foreign body retrieval nets

Easily catch foreign bodies that are difficult to capture



## Oval

- Excellent visibility and high maneuverability
- Strong net material for additional reliability for foreign bodies, polyps, and polyp fragments that are otherwise difficult to capture
- Integrated ergonomic handle for comfortable use
- Incl. plastic tweezers made of polyamide (130 mm)
- Individually sterile packed
- Color differentiation between the wire and net



Product code

Catheter outer diameter	Open size	Working length	Pieces per box	Oval
For gastroscopes and colonoscopes with working channels from 2.8 mm				
2.5 mm	20 x 30 mm	230 cm	10	FBN-S30-25-230-SU
2.5 mm	25 x 50 mm	230 cm	10	FBN-S50-25-230-SU
2.5 mm	30 x 60 mm	230 cm	10	FBN-S60-25-230-SU
2.5 mm	40 x 70 mm	230 cm	10	FBN-S75-25-230-SU

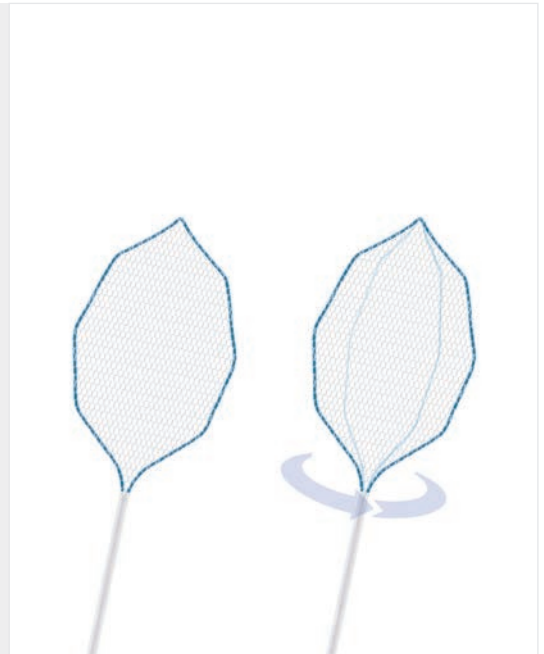
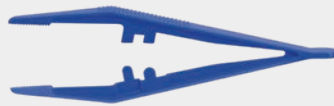
# Foreign body retrieval nets

Easily catch foreign bodies that are difficult to capture



## Octagon

- Large net area
- The rotatable design with 360° rotation makes it easier to capture foreign bodies
- Excellent visibility and high maneuverability
- Strong net material for additional reliability for foreign bodies, polyps, and polyp fragments that are otherwise difficult to capture
- Integrated ergonomic handle for comfortable use
- Incl. plastic tweezers made of polyamide (130 mm)
- Individually sterile packed
- Color differentiation between the wire and net



Product code

Catheter outer diameter	Open size	Working length	Pieces per box	Octagon	Octagon – rotatable
For gastroscopes and colonoscopes with working channels from 2.8 mm					
2.5 mm	35 x 70 mm	230 cm	10	FBN-O35-25-230-SU	FBN-OR35-25-230-SU



## Alligator rat tooth foreign body forceps

Safe and reliable retrieval of foreign bodies

Firm grip  
Easy maneuvering  
Ergonomic handle

## Alligator rat tooth foreign body forceps

Safe and reliable retrieval of foreign bodies



### Coated – Alligator rat tooth

- Combines the advantages of alligator foreign-body forceps and rat-tooth forceps to safely and reliably remove a wide range of different foreign bodies
- Easy maneuvering thanks to position markings
- With integrated handle
- Individually sterile packed

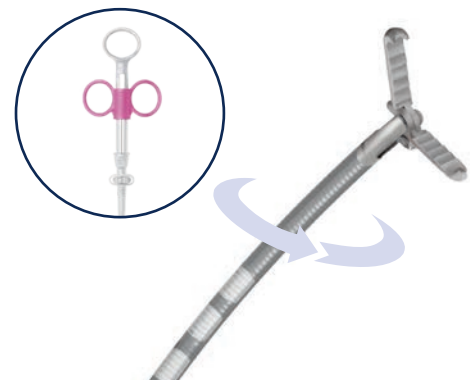
Position markings



Catheter outer diameter	Working length	Cup length	Pieces per box	Product code
For bronchoscopes with working channels from 2.0 mm				
1.8 mm	120 cm	5.8 mm	10	GFR-ALI-18-120-SU
For gastroscopes and colonoscopes with working channels from 2.5 mm				
2.3 mm	160 cm	7.12 mm	10	GFR-ALI-23-160-SU
2.3 mm	230 cm	7.12 mm	10	GFR-ALI-23-230-SU

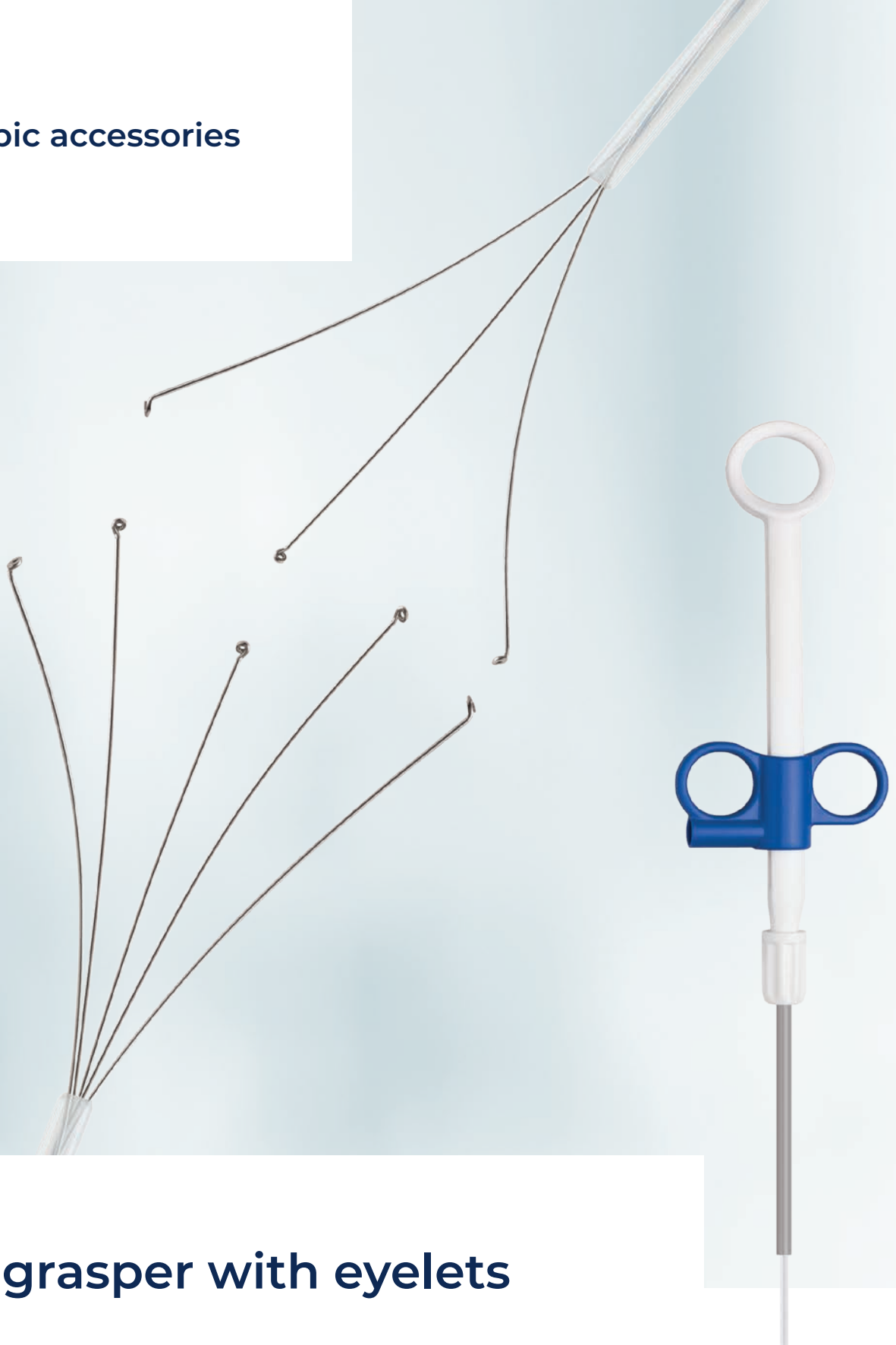
### Coated – Alligator rat tooth – Rotatable

- Combines the advantages of alligator foreign-body forceps and rat-tooth forceps to safely and reliably remove a wide range of different foreign bodies
- Easy maneuvering thanks to position markings
- With integrated handle
- Individually sterile packed



Catheter outer diameter	Working length	Cup length	Pieces per box	Product code
For bronchoscopes with working channels from 2.0 mm				
1.8 mm	120 cm	5.8 mm	5	GFR-ALI-R-18-120-SU
For gastroscopes and colonoscopes with working channels from 2.5 mm				
2.3 mm	160 cm	7.12 mm	5	GFR-ALI-R-23-160-SU
2.3 mm	230 cm	7.12 mm	5	GFR-ALI-R-23-230-SU

## Endoscopic accessories



## Polyp grasper with eyelets

Removal of large  
and small polyps

Wide opening  
3-, 4-, and 5-prong  
Ergonomic handle

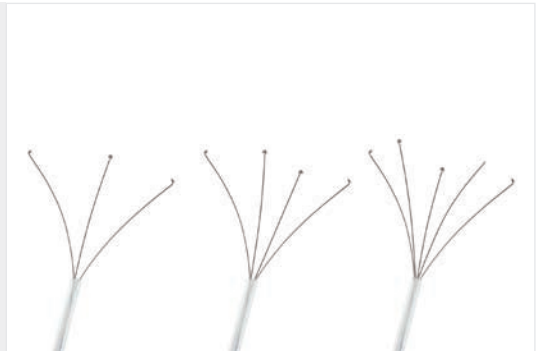


# Polyp grasper with eyelets

Removal of large and small polyps



- Large opening width
- Atraumatic distal ends reduce tissue damage to a minimum
- Integrated ergonomic handle for comfortable use



			Product code		
Catheter outer diameter	Working length	Pieces per box	3-prong	4-prong	5-prong
For gastroscopes and colonoscopes with working channels from 2.5 mm					
2.3 mm	230 cm	10	POL-FR-03-23-230-SU	POL-FR-04-23-230-SU	POL-FR-05-23-230-SU



## Polyp traps

Collect and identify polyps

Numbered collection chambers  
Safety screen  
Including connection hoses

# Polyp traps

Collect and identify polyps



## SafeSnap 1 & 4+

- Numbered collection chambers in a transparent transport container for accurate sample identification
- Safety screen keeps tissue from slipping through
- Flexible connection hoses with attachments for suction pumps



SafeSnap exclusively by:  
 Olympus Europa SE & Co. KG  
 Wendenstraße 20, 20097 Hamburg, Germany



Product description	Pieces per box	Product code
SafeSnap 1, 1 chamber	25	PT-01-01
SafeSnap 4+, 4 chambers	25	PT-01-04

## 5 chambers

- Numbered collection chambers in a transparent transport container for accurate sample identification
- Safety screen keeps tissue from slipping through
- Flexible connection hoses with attachments for suction pumps



Product description	Pieces per box	Product code
5 chambers	10	PT-01-05



# Protection and hygiene

## Endoscopic accessories



## Biopsy valves

Protection of patients  
and nursing staff

Reliably leakproof

Securely attached

OLYMPUS, FUJIFILM, AND PENTAX

# Biopsy valves

Protection of patients and nursing staff



## Sterile

- Cap and seal the biopsy channel opening
- Prevents bodily fluids from leaking out
- Secure attachment to the biopsy channel opening
- Optimal leak tightness
- Easy to open and close
- Individually sterile packed



Color	Product description	Pieces per box	Product code
<b>For OLYMPUS endoscopes</b>			
Blue	For single use, sterile	200	BV-OX-02-EO
<b>For PENTAX endoscopes</b>			
Red	For single use, sterile	200	BV-PX-02-EO
<b>For FUJIFILM endoscopes</b>			
Green	For single use, sterile	200	BV-FX-02-EO

# Biopsy valves



Protection of patients and nursing staff

## Not sterile

- Cap and seal the biopsy channel opening
- Prevents bodily fluids from leaking out
- Secure attachment to the biopsy channel opening
- Optimal leak tightness
- Easy to open and close
- Individually packed



Color	Product description	Pieces per box	Product code
<b>For OLYMPUS endoscopes</b>			
Blue	For single use, not sterile	200	BV-OX-01
<b>For PENTAX endoscopes</b>			
Red	For single use, not sterile	200	BV-PX-01
<b>For FUJIFILM endoscopes</b>			
Green	For single use, not sterile	200	BV-FX-01

## Endoscopic accessories



## Valve sets

Valves and adapters in practical single-use sets

OLYMPUS, FUJIFILM, AND PENTAX

High safety

Constant performance



# Valve sets for endoscopes

Valves and adapters in practical single-use sets



## OLYMPUS

Biopsy valve, air/water valve, suction valve

- Suitable for OLYMPUS endoscopes from the 140 series
- Minimizes cross-contamination risks

Jet channel adapter

- With integrated check valve
- Individually sterile packed



Jet channel adapter, single-use



Biopsy valve



Jet channel adapter, 24h/use



Air/water valve



Air/water cleaning valve

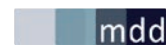


Suction valve

Set contents	Pieces per box	Product code
Water jet channel adapter, single-use	100	ADA-02-JC-OUS
Water jet channel adapter, 24-hour use	100	ADA-JC-OUS
Biopsy valve, air/water valve, suction valve and water jet channel adapter	25	AWV-KIT-01-OLY
Biopsy valve, air/water valve, suction valve	25	AWV-KIT-02-OLY
Air/water valve, suction valve	25	AWV-KIT-03-OLY
Biopsy valve, air/water valve, suction valve, air/water cleaning valve	25	AWV-KIT-04-OLY
Biopsy valve, air/water valve, suction valve, air/water cleaning valve and water jet channel adapter	25	AWV-KIT-05-OLY
Air/water valve, suction valve, air/water cleaning valve, and water jet channel adapter	25	AWV-KIT-06-OLY
Air/water cleaning valve (not sterile)	100	AWV-KIT-07-OLY

# Valve sets for endoscopes

Valves and adapters in practical single-use sets



## FUJIFILM

- Suitable for FUJIFILM endoscopes in the 500/600 and 700 series
- Minimizes cross-contamination risks

### Jet channel adapter

- With integrated check valve
- Individually sterile packed



Jet channel adapter, single-use



Biopsy valve



Suction valve, FUJIFILM 500/600 series



Air/water cleaning valve, FUJIFILM 700 series



Air/water valve, FUJIFILM 500/600 series



Suction valve, FUJIFILM 700 series



Air/water valve, FUJIFILM 700 series



Air/water cleaning valve (not sterile), FUJIFILM 500/600 Serie

Set contents	Pieces per box	Product code
<b>Suitable for FUJIFILM 700 series</b>		
Water jet channel adapter, single-use	100	ADA-02-JC-FJ
Water jet channel adapter, 24-hour use	100	ADA-JC-FJ
Biopsy valve, air/water valve, and suction valve	25	AWV-KIT-01-FJ
Air/water valve, suction valve	25	AWV-KIT-02-FJ
Biopsy valve, air/water valve, suction valve, and water jet channel adapter	25	AWV-KIT-05-FJ
Biopsy valve, air/water valve, suction valve, and air/water cleaning valve	25	AWV-KIT-06-FJ
Air/water cleaning valve (not sterile)	100	AWV-KIT-07-FJ
Biopsy valve, air/water valve, suction valve, air/water cleaning valve, and water jet channel adapter	25	AWV-KIT-08-FJ
<b>Suitable for FUJIFILM 500/600 series</b>		
Biopsy valve, air/water valve, and suction valve	25	AWV-KIT-03-FJ
Air/water valve, suction valve	25	AWV-KIT-04-FJ
Biopsy valve, air/water valve, suction valve, and water jet channel adapter (from 580 series)	25	AWV-KIT-09-FJ
Air/water cleaning valve (not sterile)	100	AWV-KIT-17-FJ

# Valve sets for endoscopes

Valves and adapters in practical single-use sets



## PENTAX

- Suitable for PENTAX endoscopes from 90/i10 series
- Minimizes cross-contamination risks

### Jet channel adapter

- With integrated check valve
- Individually sterile packed



Water jet channel adapter, single-use



Water jet channel adapter, 24-hour use



Air/water valve



Suction valve



Biopsy valve

Set contents	Pieces per box	Product code
Suitable for PENTAX 90K/90I, K10/I10/I10C, J10 (CI)		
Water jet channel adapter, single-use	100	ADA-02-JC-PE
Water jet channel adapter, 24-hour use	100	ADA-JC-PE
Biopsy valve, air/water valve, suction valve and water jet channel adapter	25	AWV-KIT-01-PX
Biopsy valve, air/water valve, suction valve	25	AWV-KIT-02-PX
Air/water valve, suction valve	25	AWV-KIT-03-PX



## Bite blocks

Hygiene and protection for patients and endoscopes

Ergonomically shaped  
Soft edges  
With and without strap

## Bite blocks



Hygiene and protection for patients and endoscopes

- Soft edges increase safety and patient protection
- Optional holding straps increase patient comfort
- Single-use articles reduce the risk of cross-contamination

### Adult

- Adapts to the facial contours thanks to ergonomic design



Color	Product description	Type of strap	Opening dimensions	Pieces per box	Product code
Silver	Without strap	-	25 x 22 mm	100	BB-05-30-30
Silver	With textile strap	Textile	25 x 22 mm	100	BB-05-30-30-T
Silver	With rubber strap	Rubber	25 x 22 mm	100	BB-05-30-30-R

# Bite blocks



Hygiene and protection for patients and endoscopes

- Soft edges increase safety and patient protection
- Optional holding straps increase patient comfort
- Single-use articles reduce the risk of cross-contamination

## Adult

- Adapts to the facial contours thanks to ergonomic design



Color	Product description	Type of strap	Opening dimensions	Pieces per box	Product code
Yellow	Without strap	-	27 x 23 mm	100	BB-01-85-50
Yellow	With white textile strap	Textile	27 x 23 mm	100	BB-01-85-50-T
Yellow	With rubber strap	Rubber	27 x 23 mm	100	BB-01-85-50-R

## Pediatric

- Suitable for children and people with small mouths
- Adapts to the facial contours thanks to ergonomic design



Color	Product description	Type of strap	Opening dimensions	Pieces per box	Product code
Orange	Without strap	-	19 x 16 mm	100	BB-03-30-33
Orange	With textile strap	Textile	19 x 16 mm	100	BB-03-30-33-T
Orange	With rubber strap	Rubber	19 x 16 mm	100	BB-03-30-33-R



# Cleaning

## Endoscopic accessories



## Cleaning brushes

Safe and gentle cleaning of  
the endoscope channels

Rounded brush tips  
Resistant to bending  
Latex-free



# Cleaning brushes

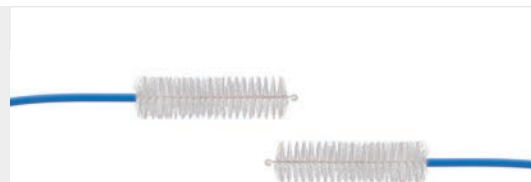


Safe and gentle cleaning of the endoscope channels

- Ball heads on the brush ends and rounded brush tips for gentle cleaning
- Brushes made of soft, durable nylon
- Ideal brush head size with optimal density
- Brush head diameter allows for maximum mechanical brushing of the endoscope channel
- Bend-resistant thanks to top-quality catheter rigidity

## One-/two-sided cleaning brushes

- Efficient cleaning thanks to two brushes



Color	Catheter		Brush 1		Brush 2		Pieces per box	Product code
	∅	Length	∅	Length	∅	Length		
<b>For endoscopes with working channels from 2.8 – 4.2 mm</b>								
Yellow	1.7 mm	230 cm	6 mm	20 mm	-	-	100	SCBS-23-20-06-230
Blue	1.7 mm	230 cm	6 mm	20 mm	6 mm	20 mm	100	DCBS-23-20-06-230
Yellow	1.8 mm	180 cm	5 mm	20 mm	5 mm	20 mm	100	DCBS-23-20-05-180
Yellow	1.8 mm	230 cm	5 mm	20 mm	5 mm	20 mm	100	DCBS-23-20-05-230
Yellow	1.8 mm	240 cm	6 mm	20 mm	6 mm	20 mm	100	DCBS-23-20-06-240
<b>For endoscopes with working channels from 2.8 – 5.2 mm</b>								
Blue	1.5 mm	120 cm	6 mm	15 mm	6 mm	15 mm	100	DCBS-15-15-06-120
<b>For endoscopes with working channels from 2.0 – 2.8 mm</b>								
Green	1.5 mm	120 cm	3 mm	20 mm	3 mm	20 mm	100	DCBS-18-20-03-120
Green	1.5 mm	180 cm	3 mm	20 mm	3 mm	20 mm	100	DCBS-18-20-03-180
Green	1.5 mm	230 cm	3 mm	20 mm	3 mm	20 mm	100	DCBS-18-20-03-230

# Cleaning brushes



Safe and gentle cleaning of the endoscope channels

- Ball heads on the brush ends and rounded brush tips for gentle cleaning
- Brushes made of soft, durable nylon
- Ideal brush head size with optimal density
- Brush head diameter allows for maximum mechanical brushing of the endoscope channel
- Bend-resistant thanks to top-quality catheter rigidity

Color	Catheter		Brush 1		Brush 2		Pieces per box	Product code
	∅	Length	∅	Length	∅	Length		
<b>For endoscopes with working channels from 1.0 – 1.5 mm</b>								
Blue	0.8 mm	120 cm	1.5 mm	10 mm	1.5 mm	10 mm	100	DCBS-08-10-15-120
Blue	0.8 mm	180 cm	1.5 mm	10 mm	1.5 mm	10 mm	100	DCBS-08-10-15-180
Blue	0.8 mm	230 cm	1.5 mm	10 mm	1.5 mm	10 mm	100	DCBS-08-10-15-230
<b>For endoscopes with working channels from 1.2 – 1.8 mm</b>								
Yellow	1.0 mm	120 cm	2 mm	15 mm	2 mm	15 mm	100	DCBS-15-15-02-120
Yellow	1.0 mm	230 cm	2 mm	15 mm	2 mm	15 mm	100	DCBS-15-15-02-230
<b>For enteroscopes with working channels from von 2.8 – 4.2 mm</b>								
Blue	1.7 mm	300 cm	6 mm	20 mm	6 mm	20 mm	100	DCBS-23-20-06-300

# Cleaning brushes

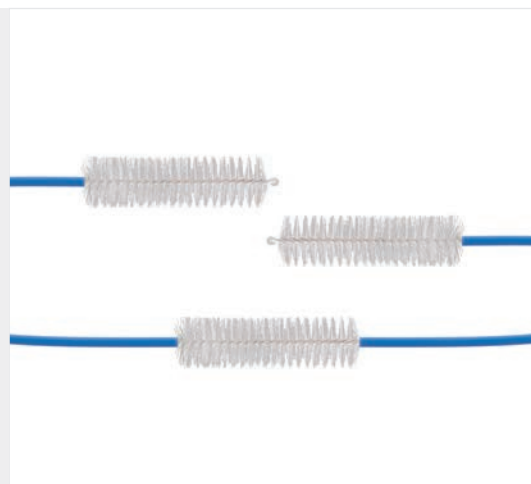


Safe and gentle cleaning of the endoscope channels

- Ball heads on the brush ends and rounded brush tips for gentle cleaning
- Brushes made of soft, durable nylon
- Ideal brush head size with optimal density
- Brush head diameter allows for maximum mechanical brushing of the endoscope channel
- Bend-resistant thanks to top-quality catheter rigidity

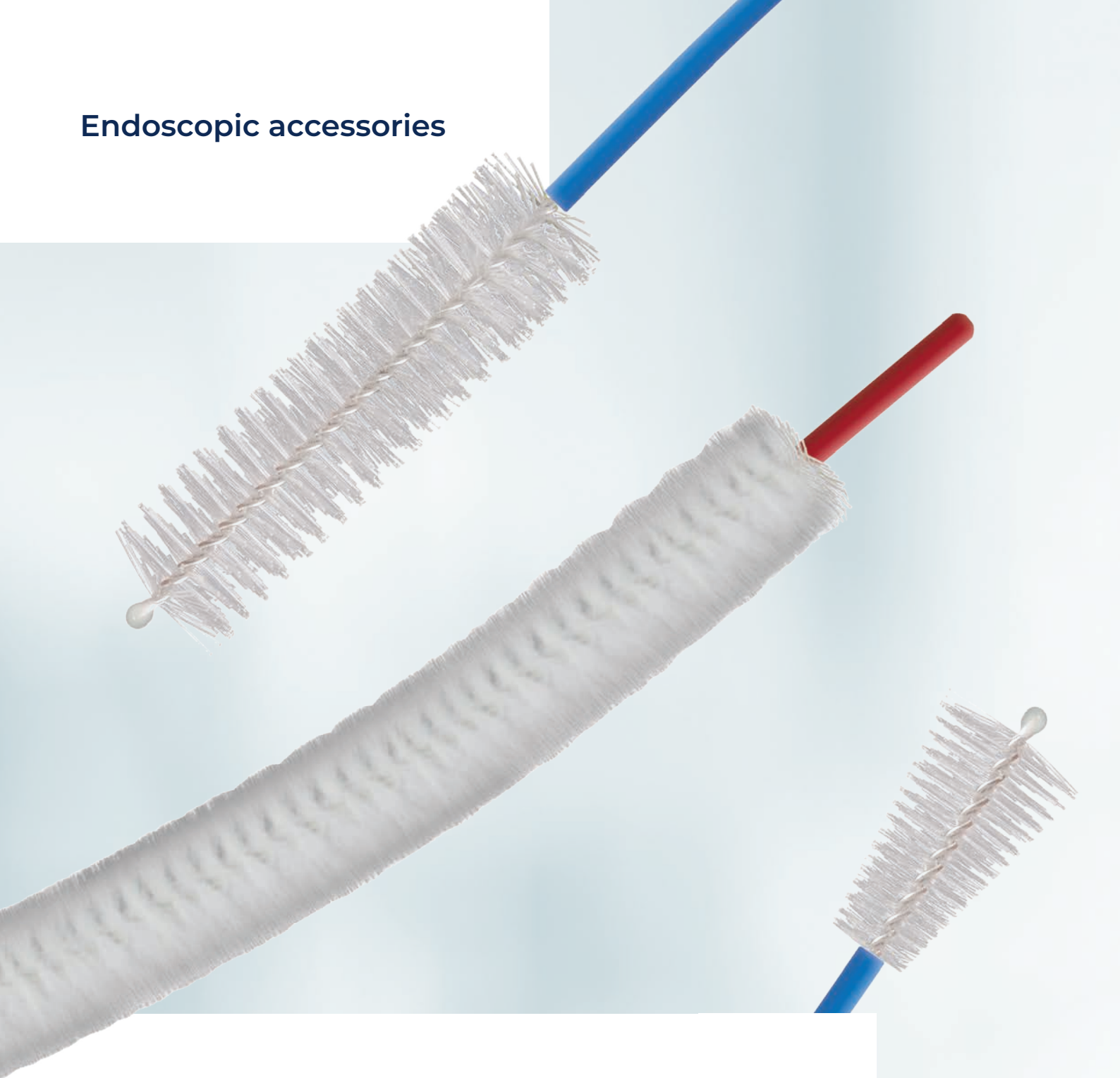
## Multipoint cleaning brush

- Combination brushes for working/suction channels
- With handle



Color	Catheter		Brush 1		Brush 2		Brush 3		Pieces per box	Product code
	∅	Length	∅	Length	∅	Length	∅	Length		
For endoscopes with working channels from 2.8 – 4.2 mm										
Blue	1.7 mm	230 cm	6 mm	20 mm	6 mm	20 mm	6 mm	20 mm	100	MCBS-23-20-06-230
Blue	1.7 mm	260 cm	6 mm	20 mm	6 mm	20 mm	6 mm	20 mm	100	MCBS-23-20-06-260

## Endoscopic accessories

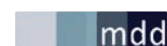


## Combination cleaning brushes

Safe and gentle cleaning  
of endoscope channels  
and valves

High cleaning efficiency  
Rounded brush tips  
Latex-free

## Combination cleaning brushes



Safe and gentle cleaning of endoscope channels and valves

- Ball heads on the brush ends and rounded brush tips for gentle cleaning
- Brushes made of soft, durable nylon
- Ideal brush head size with optimal density
- Brush head diameter allows for maximum mechanical brushing of the endoscope channel
- Bend-resistant thanks to top-quality catheter rigidity

### With handle – Two-sided

- Combination brushes for the valve plane, valves, and working/suction channels
- With handle



Color	Catheter		Valve brush		Channel brush		Pieces per box	Product code
	∅	Length	∅	Length	∅	Length		
For endoscopes with working channels from 2.8 – 4.2 mm								
Blue	1.7 mm	230 cm	11 mm	40 mm	6 mm	20 mm	100	DVBS-23-40-11-20-06-230
Blue	1.7 mm	230 cm	11 mm	40 mm	5 mm	20 mm	100	DVBS-23-40-11-20-05-230
White	1.7 mm	230 cm	10 mm	40 mm	5 mm	15 mm	100	DVEC-23-40-10-15-05-230

### Without handle – Two-sided

- Combination brushes for the valve plane, valves, and working/suction channels
- Without handle



Color	Catheter		Valve brush		Channel brush		Pieces per box	Product code
	∅	Length	∅	Length	∅	Length		
For endoscopes with working channels from 2.8 – 4.2 mm								
Yellow	1.7 mm	230 cm	10 mm	40 mm	6 mm	20 mm	100	DVBS-23-40-10-20-06-230

## Combination cleaning brushes

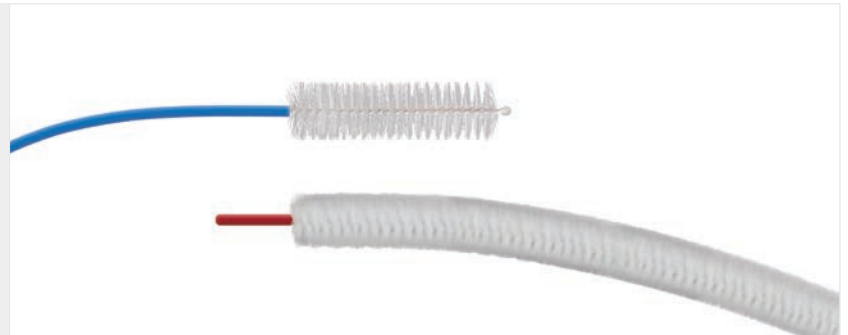


Safe and gentle cleaning of endoscope channels and valves

- Ball heads on the brush ends and rounded brush tips for gentle cleaning
- Brushes made of soft, durable nylon
- Ideal brush head size and density
- Brush head diameter allows for maximum mechanical brushing of the endoscope channel
- Bend-resistant thanks to top-quality catheter rigidity

### With sweeper

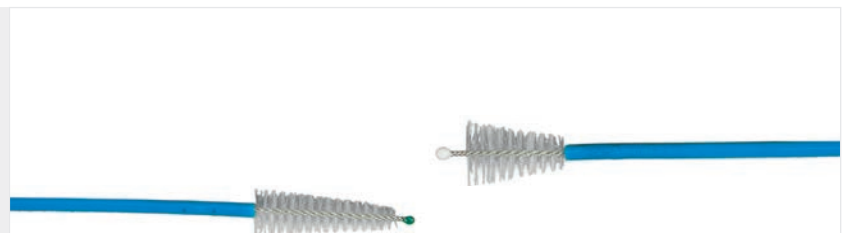
- Sweeper for greater cleaning efficiency



Color	Catheter		Brush		Sweeper		Pieces per box	Product code
	∅	Length	∅	Length	∅	Length		
For endoscopes with working channels from 2.8 – 4.2 mm								
Yellow	1.7 mm	230 cm	5 mm	20 mm	5 mm	300 mm	100	SCBS-23-20-5-300-5-230
Blue	1.7 mm	160 cm	5 mm	20 mm	5 mm	300 mm	100	SCBS-23-20-5-300-5-160
For endoscopes with working channels from 1.8 – 2.8 mm								
Orange	1.5 mm	160 cm	3 mm	20 mm	3 mm	300 mm	100	SCBS-18-20-3-300-3-160
Green	1.5 mm	120 cm	3 mm	20 mm	3 mm	300 mm	100	SCBS-18-20-3-300-3-120

### Two-sided (Christmas tree shape)

- Combination brushes for working/ suction channels
- Conical brush heads for optimized cleaning



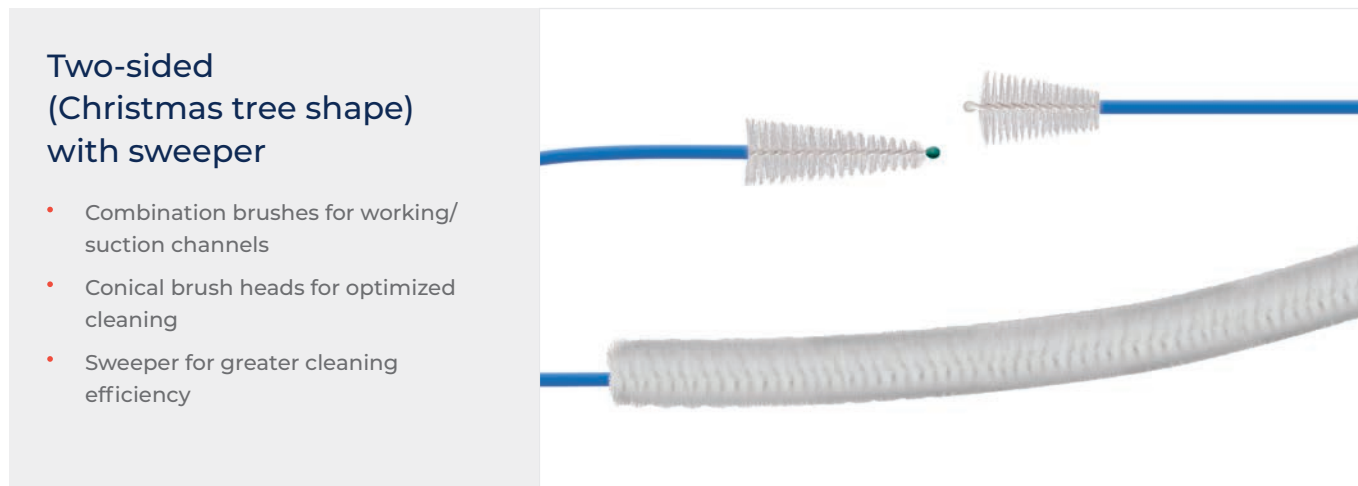
Color	Catheter		Channel brush 1		Channel brush 2		Pieces per box	Product code
	∅	Length	∅	Length	∅	Length		
For endoscopes with working channels from 2.8 – 4.2 mm								
Blue	1.7 mm	230 cm	4.5 – 7 mm	10 mm	3 – 6 mm	20 mm	100	DCBS-23-20-07/4.5-20-05-230

## Combination cleaning brushes



Safe and gentle cleaning of endoscope channels and valves

- Ball heads on the brush ends and rounded brush tips for gentle cleaning
- Brushes made of soft, durable nylon
- Ideal brush head size and density
- Brush head diameter allows for maximum mechanical brushing of the endoscope channel
- Bend-resistant thanks to top-quality catheter rigidity



### Two-sided (Christmas tree shape) with sweeper

- Combination brushes for working/ suction channels
- Conical brush heads for optimized cleaning
- Sweeper for greater cleaning efficiency

Color	Catheter		Channel brush 1		Sweeper		Channel brush 2		Pieces per box	Product code
	∅	Length	∅	Length	∅	Length	∅	Length		
For endoscopes with working channels from 2.8 – 4.2 mm										
Blue	1.7 mm	260 cm	4.5 – 7 mm	10 mm	5 mm	100 mm	3 – 6 mm	20 mm	100	DVBS-23-20-07/4.5-20-05-260



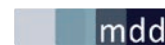
## Valve/channel cleaning brushes

Easy cleaning of working channels and valves

High cleaning efficiency  
Rounded brush tips  
Maximum brush density




## Valve/channel cleaning brushes



Easy cleaning of working channels and valves


- Rounded brush tips for gentle cleaning
- Brushes made of soft, durable nylon
- Rounded handle

**Two-sided valve/channel cleaning brush**




Color	Length	Valve brush		Channel brush		Pieces per box	Product code
		∅	Length	∅	Length		
Blue	15 cm	11 mm	35 mm	5 mm	20 mm	200	DVS-30-35-10-20-05-15

**Valve cleaning brush with handle**



Color	Length	Valve brush		Pieces per box	Product code
		∅	Length		
Green	9.5 cm	11 mm	35 mm	200	SVS-30-35-11

**Cleaning brush for Albarrán lever on duoendoscopes**



Color	Length	Brush		Pieces per box	Product code
		∅	Length		
Red	8 cm	2 mm	15 mm	200	SES-30-2-15

## Endoscopic accessories



## Cleaning brush sets

Practical sets for efficient cleaning of working channels and valves

High cleaning efficiency  
Rounded brush tips  
Ergonomic handle

# Cleaning brush sets



Practical sets for efficient cleaning of working channels and valves

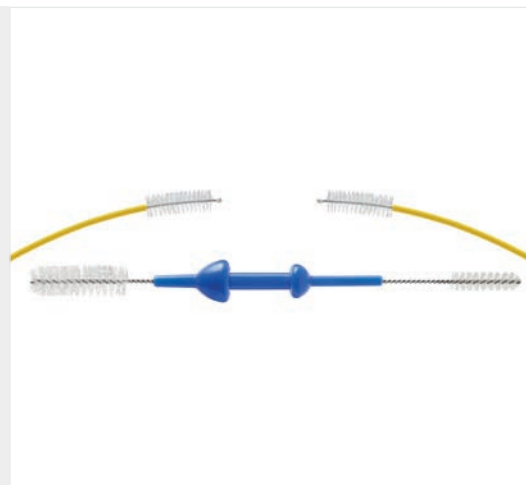
## Two-sided cleaning brush and two-sided valve cleaning brush

### Two-sided cleaning brush

- Efficient cleaning thanks to two brushes

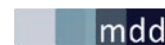
### Two-sided valve and channel cleaning brush

- For the valve plane, valves, and working/suction channels
- Rounded brush tips for gentle cleaning
- Brushes made of soft, durable nylon



Two-sided cleaning brushes							Two-sided valve cleaning brushes				Pieces per box	Product code
Color	Catheter		Brush 1 and 2				Valve brush		Channel brush			
	∅	Length	∅	Length	∅	Length	∅	Length	∅	Length		
<b>For endoscopes with working channels from 2.8 – 4.2 mm</b>												
Yellow	1.8 mm	180 cm	5 mm	20 mm	5 mm	20 mm	11 mm	35 mm	5 mm	20 mm	100	DCBS-SET-180-20-05-35-10
Yellow	1.8 mm	230 cm	5 mm	20 mm	5 mm	20 mm	11 mm	35 mm	5 mm	20 mm	100	DCBS-SET-20-05-35-10
Blue	1.7 mm	230 cm	4.5 – 7 mm	10 mm	6 – 3 mm	20 mm	11 mm	35 mm	5 mm	20 mm	100	DCBS-SET-23-20-3/6-10-4/7-230
Pink	1.65 mm	240 cm	5 mm	20 mm	5 mm	20 mm	11 mm	35 mm	5 mm	20 mm	100	DCBS-SET-23-20-05-240
Yellow	1.7 mm	230 cm	5 mm	20 mm	-	-	11 mm	35 mm	5 mm	20 mm	100	SCBS-SET-20-05-300-5-230

# Cleaning brush sets



Practical sets for efficient cleaning of working channels and valves

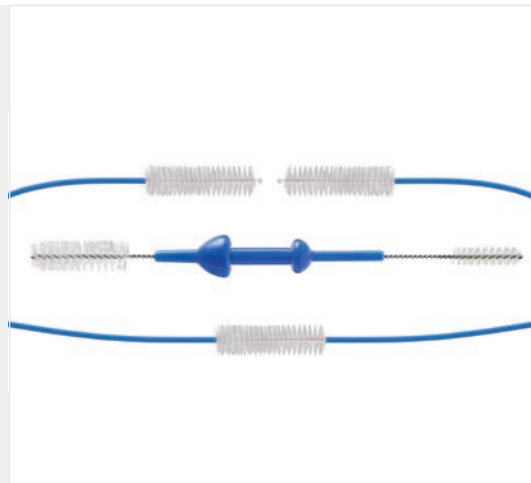
## Multipoint cleaning brush and two-sided valve cleaning brush

### Multipoint cleaning brush

- Efficient cleaning thanks to three brushes

### Two-sided valve and channel cleaning brush

- For the valve plane, valves, and working/suction channels
- Rounded brush tips for gentle cleaning
- Brushes made of soft, durable nylon



Multipoint cleaning brush					Two-sided valve cleaning brush				Pieces per box	Product code
Color	Catheter		Brush 1/2/3		Valve brush		Channel brush			
	∅	Length	∅	Length	∅	Length	∅	Length		
For endoscopes with working channels from 2.8 – 4.2 mm										
Blue	1.7 mm	230 cm	6 mm	20 mm	11 mm	35 mm	5 mm	20 mm	100	MCBS-SET-23-20-06-230
Blue	1.7 mm	260 cm	6 mm	20 mm	11 mm	35 mm	5 mm	20 mm	100	MCBS-SET-23-20-06-260

## Endoscopic accessories



### Single-use EcoFlushCap

Efficient lens cleaning

Can be used for 24 hours

With and without CO<sub>2</sub> connection

OLYMPUS/FUJIFILM/PENTAX

# EcoFlushCap HybriX single-use system



Higher patient protection combined with lower costs

The innovative, 24-hour single-use **EcoFlushCap HybriX** system supports the high demands on patient safety and significantly reduces the risk of cross-contamination. Suitable for use with any sterile water bottle system, (500 ml and 1000 ml), the HybriX system ensures the effective flushing of the working channel/jet channel and reliably cleans the endoscope lens. The intelligent Twin Tubing system makes the HybriX system ideal for use with all common flushing pumps. Thanks to the optional single-use connectors for various CO<sub>2</sub> insufflators, the **EcoFlushCap HybriX system** also supports CO<sub>2</sub> insufflation.

- Jet channel connector including check valve
- For OLYMPUS/FUJIFILM/PENTAX endoscopes

**3 connections –  
1 system**

**Lens cleaning**  
Ensures a clear view and optimal visibility

**External flushing**  
Additional flushing option

**CO<sub>2</sub> insufflation**  
Reduces pressure and tension in patients

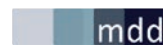
**Twin Tubing for compatibility with all common flushing pump units**



Pieces per box	Product code			
	For OLYMPUS	For FUJIFILM 500/600 series	For FUJIFILM 700 series	For PENTAX
<b>With CO<sub>2</sub> connection tube</b>				
10	<b>WB-HYB-OL4</b>	<b>WB-HYB-FJ4</b>	<b>WB-HYB-FJ5</b>	<b>WB-HYB-PX5</b>

## Single-use EcoFlushCap

Efficient lens cleaning



- Can be used for 24 h
- With CO<sub>2</sub> tube system
- Compatible with all common sterile water bottles (500 ml and 1000 ml)



### EcoFlushCap for sterile water bottles with CO<sub>2</sub> connection

Pieces per box	Product code			
	For OLYMPUS	For FUJIFILM 500/600 series	For FUJIFILM 700 series	For PENTAX
With CO <sub>2</sub> connection				
10	WB-OL3-WC2	WB-FJ3-WC2	WB-FJ6-WC2	WB-PX6-WC2

### EcoFlushCap for sterile water bottles with 110 cm CO<sub>2</sub> connection tube

Pieces per box	Product code			
	For OLYMPUS	For FUJIFILM 500/600 series	For FUJIFILM 700 series	For PENTAX
With 110 cm CO <sub>2</sub> connection tube				
15	WB-OL4-WC2	WB-FJ4-WC2	WB-FJ5-WC2	WB-PX5-WC2

## Single-use EcoFlushCap

Efficient lens cleaning



- Can be used for 24 h
- Compatible with all common sterile water bottles (500 ml and 1000 ml)



### EcoFlushCap for sterile water bottles without CO<sub>2</sub> connection

Pieces per box	Product code		
	For OLYMPUS	For FUJIFILM 500/600 series	For PENTAX
Without CO <sub>2</sub> connection			
10	WB-OL2-NC2	WB-FJ2-NC2	WB-PX4-WC2

### Twin EcoFlushCap

- Compatible with all common sterile water bottles (500 ml and 1000 ml)
- Can be used for 24 h
- Suitable for FUJIFILM endoscopes in the 500/600/700 series



FUJIFILM 700 series



FUJIFILM 500/600 series



Pieces per box	For FUJIFILM 500/600/700 series	Product code
15	with CO <sub>2</sub> connection	WB-FJ7-WC2



## Connection, suction, and flushing tubes



### Suction and flushing tube with cap for flushing pumps

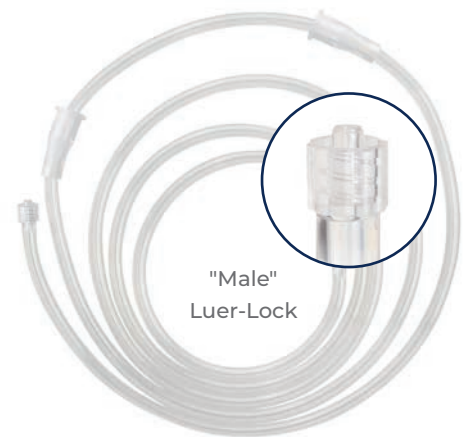
- Can be used for 24 h
- Compatible with all common sterile water bottles (500 ml and 1000 ml)
- Jet channel connector including check valve



Product description	Pieces per box	Product code
For all common flushing pumps	15	IT-OUS-210

### Suction and flushing tube with 2 male Luer-Lock connections and check valve

- Can be used for 24 h



Product description	Pieces per box	Product code
For various flushing pumps	15	IT-ETS-210

## Connection, suction, and flushing tubes



### Flushing tube for Olympus endoscopes

- Individually packed



Product description	Pieces per box	Product code
Manual Cleaning tube adapter	50	OLY-CT-001

## Adapters



### Jet channel adapter

- With integrated check valve
- Individually sterile packed
- Can be used for 24 h



For OLYMPUS



For FUJIFILM



For PENTAX from the 90 series

Product description	Pieces per box	Product code
Jet channel adapter for OLYMPUS	100	ADA-JC-OUS
Jet channel adapter for FUJIFILM	100	ADA-JC-FJ
Jet channel adapter for PENTAX from the 90 series	100	ADA-JC-PE

### Adapter CO<sub>2</sub> insufflator



For FUJIFILM



For OLYMPUS

Product description	Pieces per box	Product code
Single-use adapter for OLYMPUS CO <sub>2</sub> insufflator (UCR)	100	ADA-CO2-OUS
Single-use adapter for FUJIFILM CO <sub>2</sub> insufflator (GW-100)	100	ADA-CO2-FJ

### Jet channel adapter

- Individually sterile packed
- Single-use
- With integrated check valve



For PENTAX from the 90 series



For FUJIFILM



For OLYMPUS

Product description	Pieces per box	Product code
Jet channel adapter for OLYMPUS	100	ADA-02-JC-OUS
Jet channel adapter for FUJIFILM	100	ADA-02-JC-FJ
Jet channel adapter for PENTAX from the 90 series	100	ADA-02-JC-PE

## Bottle holder for sterile water bottles



### Plastic

Compatible with all common sterile water bottles (500 ml and 1000 ml)

- 1 hook for rail mounting
- With bracket for rear attachment
- 118 x 113 x 113 mm (W x H X D)



Product description	Pieces per box	Product code
Bottle holder	1	BT-ABS-001



# Protection and cleaning



## Endoscope distal protection meshes

Protection at the distal end of the endoscope

Optimal protection  
Reliable support  
Flexible dimensions

## Endoscope distal protection meshes

Protection at the distal end of the endoscope



### Distal protection mesh

- Flexible net to protect the distal end of endoscopes during transport and storage
- 2 colors for marking different sizes
- Individually sterile packed



Color	Suitable for endoscopes with a diameter of	Length	Pieces per box	Product code
Blue	7 – 15 mm	50 mm	100	DTP-01
Red	2 – 10 mm	50 mm	100	DTP-02

## Endoscope distal protection sponges



Protection and optimal support at the distal end of the endoscope

- Optimal protection of the distal end of endoscopes during transport and storage
- Reliable support for endoscopes during storage
- 2 colors for marking different sizes
- Individually sterile packed



Color	Diameter	Length	Outer diameter	Inner diameter	Pieces per box	Product code
Blue	> 5 mm	140 mm	37 mm	9 – 24 mm	50	EP-14-01-EO
Red	< 5 mm	140 mm	37 mm	4 – 24 mm	50	EP-05-01-EO

## 3-in-1 distal protection and cleaning sponge



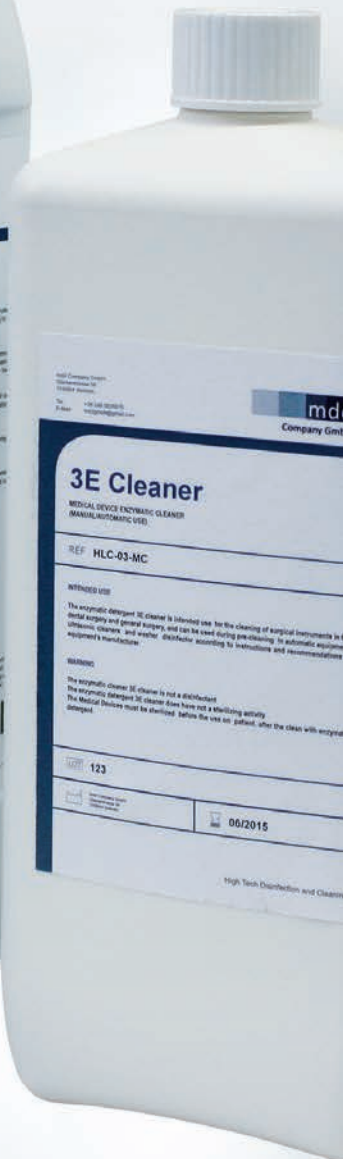
Protection, support, and cleaning at the distal end of the endoscope

- 3-in-1 product
- Optimal protection of the distal end of endoscopes during transport and storage
- Reliable support for endoscopes during storage
- Reliable cleaning of endoscopes
- Individually sterile packed



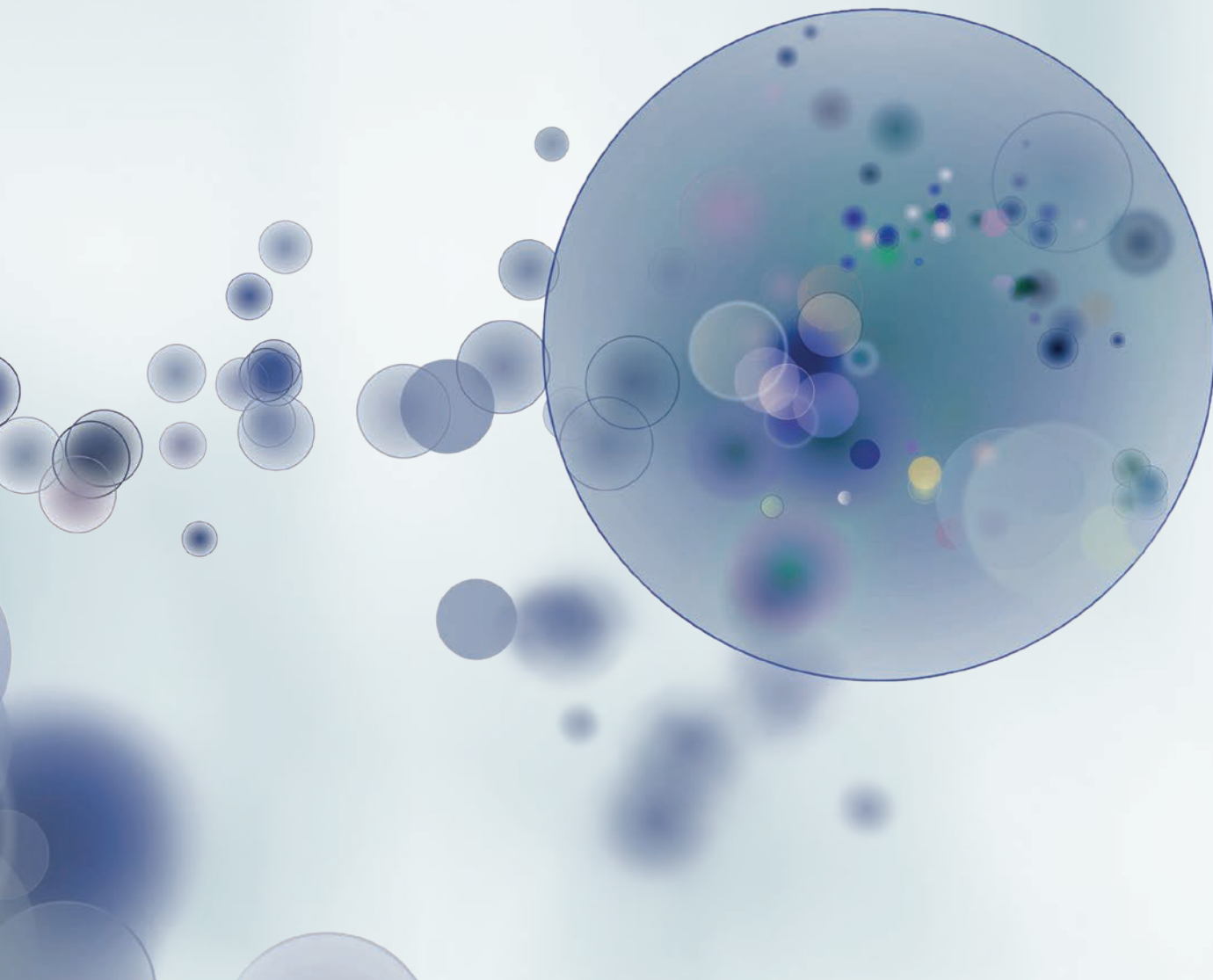
Color	Diameter	Length	Outer diameter	Inner diameter	Pieces per box	Product code
White	>/< 5 mm	126 mm	46 mm	-	50	EP-05-14-CL-EO





# Cleaning

## Preparation



## Enzyme cleaner

Enzymatic cleaning of  
medical instruments

# Enzyme cleaner



Enzymatic preparation of medical instruments

Preparation method	Manual	Manual	Automatic
Application	Surgery	Endoscopy	Surgery
Products	3E Cleaner	3E Cleaner	3E Cleaner WM

## 3E Cleaner – Enzyme Cleaner

- Enzyme cleaner (3 enzymes) for manual and semi-automatic preparation

Contents	Pieces per box	Product code
1 liter	12	HLC-03-MC1
5 liters	2	HLC-03-MC5



## 3E Cleaner WM – Enzyme cleaner

- Enzyme cleaner (3 enzymes) for automatic preparation

Contents	Pieces per box	Product code
5 liters	2	HLC-03-AC5





# Transport

## Endoscopic accessories



## Endoscope transport systems

Safe transport of reprocessed and used endoscopes

Easy to use

Clearly labeled

Also suitable for longer endoscopes

## Safe and protected transport of endoscopes in hospitals and medical practices between reprocessing, storage, and the examination room

Transporting an endoscope to other departments within a hospital or medical practice poses several risks when public corridors and elevators are used.

### Risks:

- The reprocessed endoscope may become contaminated during transport
- The endoscope used contaminates the environment during transport
- The endoscope is damaged during transport

Endoscope transport systems help ensure that reprocessed and used endoscopes are properly transported in hospitals and medical practices. They were developed to meet different requirements in order to ensure patient safety as well as to safely and efficiently support hospital and medical practice staff.

### Requirements:

- Reprocessed endoscopes are safely enclosed so that they do not become contaminated during transport and to ensure patient safety
- Any residual fluids leaking from endoscopes are safely collected during transport in order to protect the surroundings from contamination
- Endoscopes are clearly marked as either "Clean" or "Contaminated" so that they safely reach their intended destination
- Endoscopes are protected in fully enclosed packaging to prevent damage during transport
- The transport system is an easy, practical, and fast way to transport endoscopes
- The system is also suitable for longer, flexible endoscopes



The endoscope transport systems follow the recommendations of the Commission for Hospital Hygiene and Prevention of Infections (KRINKO) at the Robert Koch Institute (RKI) and the German Federal Institute for Drugs and Medical Devices (BfArM).



## Endoscope transport drawstring bag

Easy transport of reprocessed and used endoscopes

Large volume  
Inspection window  
Moisture-proof fleece padding

# Endoscope transport drawstring bag

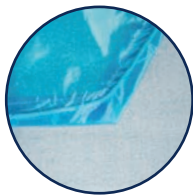


Easy transport of reprocessed and used endoscopes

The endoscope drawstring bag was developed for the practical and fast transport of reprocessed and used endoscopes. The single-use drawstring bag meets the general requirements for safe transport from point A to B in hospitals and medical practices.

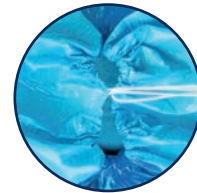
## Absorbent fleece padding

Any residual moisture from the used endoscope is reliably collected



## Drawstring fastener

Two practical drawstrings to easily close and carry the bag



## Inspection window

Quick and easy view of the contents in the drawstring bag

- Large volume, also suitable for longer, flexible endoscopes
- Made of polyethylene (PE): thickness 100 µm
- Two drawstrings for easy closing and carrying
- Moisture-proof fleece padding
- Transparent blue inspection window
- Dimensions when unfolded: 102 x 97 cm
- 100% recyclable



Compact when folded



Open and place the endoscope inside



Pull the drawstring to close

Dimensions L x W	Color	Packaging unit	Product code
102 x 97 cm	Blue	200	ETB-001-CL



## Endoscopic accessories



## Endoscope transport tray

Safe transport of reprocessed and used endoscopes

High stability  
Lightweight  
Stackable

# Endoscope transport tray & CC cover



Safe transport of reprocessed and used endoscopes

The cardboard endoscope transport trays are intended for single use to individually transport both reprocessed as well as used endoscopes. The practical transport tray is safely sealed with the CC cover and the endoscope is marked either as "Clean" or "Contaminated".

## Cardboard endoscope transport tray and PE CC cover

### Endoscope transport tray

- Moulded tray, also suitable for longer, flexible endoscopes
- The textured surface of the tray holds the endoscope in place during transport
- Very stable thanks to the cardboard thickness of 900 g/m<sup>2</sup>
- Lightweight
- Conveniently stackable
- Compostable
- Sterilized by gamma radiation

### Reversible CC cover

- Reversible "Clean" and "Contaminated" smileys on transparent polyethylene film (PE)
- The elastic band on the CC cover flexibly and securely fits around the transport tray
- Saves space when rolled up



Description	Dimensions	Packaging unit	Product code
Cardboard transport tray	525 x 425 x 110 mm (L x W x H)	10	SUT-52-42-001
PE CC cover with "Clean" and "Contaminated" smileys	70 x 58 cm (L x W) (suitable for 525 x 425 x 110 mm)	25	SUT-52-42-LIN
Transport tray and CC cover set	as described above	10	SUT-52-42-SET

## Endoscopic accessories



## Endoscope transport and protective covers

Clear marking of reprocessed and used endoscopes

"Clean" and "Contaminated" marking  
Transparent polyethylene film (PE)  
Self-closing, flexible elastic band

# Transport bags for endoscope transport trays



Clear marking of reprocessed and used endoscopes

The practical covering system is suitable for safely marking all common transport trays and for protecting endoscopes. The transport trays are safely covered with the protective bag and are marked as either "Clean" or "Contaminated" with the CC transport bag.

## Protective bag and CC transport bag

### Protective bag

- To protect the endoscope or the transport tray
- Saves space when rolled up
- Self-closing, flexible elastic band

### Reversible CC transport bag

- "Clean" and "Contaminated" labeling on transparent polyethylene film (PE)
- Saves space when rolled up
- Self-closing, flexible elastic band
- Not available in some countries



Length x width	Suitable for transport trays up to length x width x height	Packaging unit	Product code
S, 70 x 58 cm	52 x 42 x 10 cm	100	STB-01-SET
XXL, 95 x 80 cm	64 x 46 x 9 cm	100	STB-02-SET

# TRIPPLE endoscope transport bags



Fast marking of reprocessed and used endoscopes



- "Clean" marking on green transport bag (PE)
- "Contaminated" marking on red transport bag (PE)
- Easy to use
- Compact when folded
- Easy to seal with self-adhesive strip



After use, slide the used endoscope into the RED transport bag for transport

Ready-to-use endoscope and accessories, and slide the RED transport bag into the GREEN transport bag for later use

Length x width	Suitable for transport trays up to length x width x height	Packaging unit	Product code
84 x 54 cm	52 x 42 x 10 cm	50	TEB-SET



# Accessories

## Accessories



## Single-use colonoscopy dignity shorts

Maintain dignity during the colonoscopy

Comfortable to wear

Lightweight non-woven fabric

Examination slit in the back

## Medi-Inn® colonoscopy dignity shorts



Maintain patient dignity during the colonoscopy

The single-use Medi-Inn unisex dignity shorts are the cost-effective and hygienic alternative to reusable shorts. The dark blue shorts in Bermuda design are made of lightweight PP non-woven fabric (polypropylene) and are available in 2 sizes.



### Comfortable to wear

The elasticated waist ensures a perfect and secure fit

### Reliable protection

The highly durable, lightweight PP non-woven fabric protects against moisture and dirt

### Easy access

The rear, slightly overlapping examination slit provides easy access for rectal examinations

- Unisex examination shorts made of lightweight PP non-woven fabric (polypropylene)
- Comfortable to wear
- Extremely durable and moisture-repellant
- Elastic rubber band
- Examination slit in the back

Size	Color	Packaging unit	Product code
XL – 120 x 65 cm	Dark blue	100	DS-L-ECO
XXL – 130 x 65 cm	Dark blue	100	DS-L-ECO-XXL



# MDD JELLY STERILE



Protective shield for instruments and body tissue

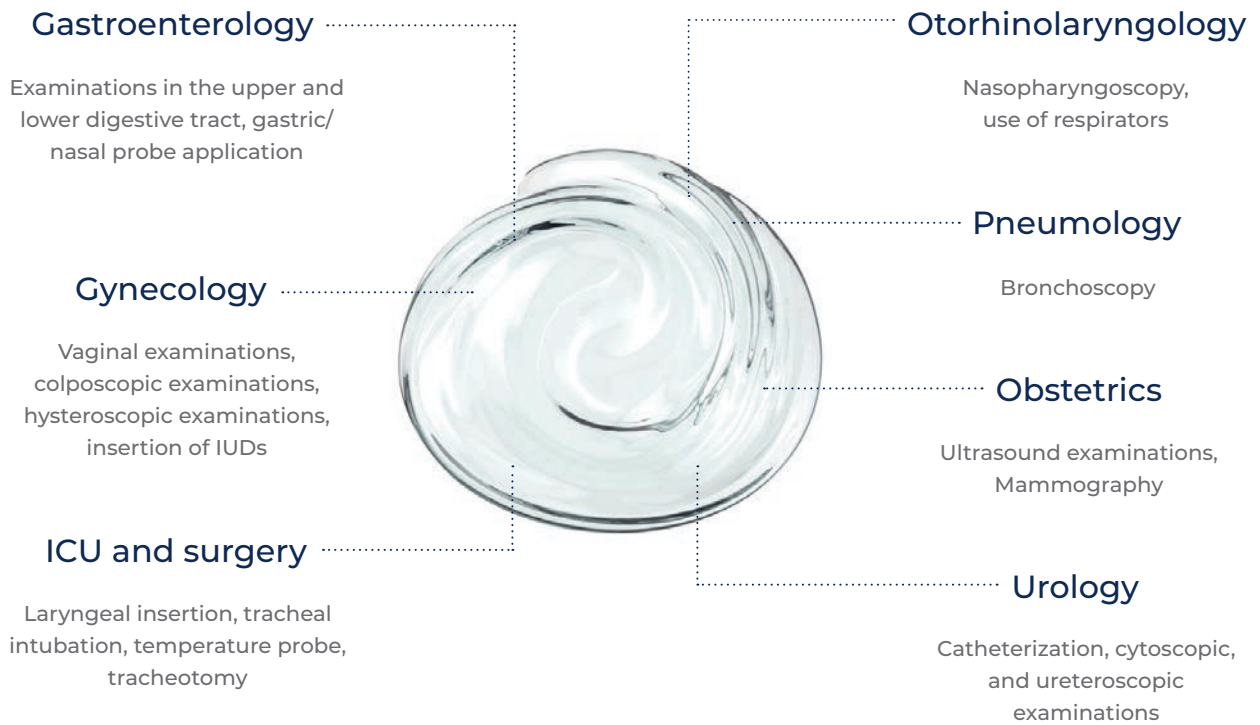


The long-lasting lubricating action of the MDD JELLY STERILE facilitates the examination process – particularly for colonoscopies – and protects the endoscope. MDD JELLY STERILE reduces the friction when inserting the endoscope and relieves any potential pain felt by the patient.

- Radiation-sterilized
- Good mucous membrane tolerance
- Excellent water solubility, no residues
- Suitable for endoscopic as well as routine surgical procedures
- Excellent material compatibility



Net weight	Pieces per box	Product code
Double-packed 18 g pouch	200	SIG-B-18
100 g tube	72	SIG-T-100





# Laparoscopy

## Laparoscopy



## Extraction bag

Easy and safe recovery  
of tissue and organs

Self-opening and releasable

Up to 1500 ml bag volume

Designs with and without handle

# MEDI-Bag

Gewebe-Bergebeutel

**MEDI-BAG/MEDI-BAG GRIP** is a self-opening specimen retrieval bag that has been developed for minimally invasive procedures in laparoscopic surgery. **MEDI-BAG/MEDI-BAG GRIP** reliably assists users with the safe collection and retrieval of tissue and organ specimens in the abdomen.



MEDI-BAG/MEDI-BAG GRIP is used, among other things, in tumor resections and gallbladder removal surgery for the fast and reliable collection and safe retrieval of tissue and organ specimens

## The Medi-Bag system is characterized by

- safe and user-friendly handling
- self-opening, liquid-tight, and tear-resistant retrieval bag
- color-coded bag sizes from 200 to 1500 ml
- infinitely variable control of the bag opening on the model with handle
- minimized risk of cross-contamination for patient protection

## The Medi-Bag principle

1. The specimen retrieval bag can be found rolled-up in the insertion sheath of the **MEDI-BAG/MEDI-BAG GRIP**. The **MEDI-BAG/MEDI-BAG GRIP** is inserted in a suitable trocar.
2. Using the integrated pusher, the specimen retrieval bag is pushed forwards into the abdomen through the insertion sheath.
3. The specimen retrieval bag opens independently and remains wide open due to the memory effect of the Nitinol wire. The specimen retrieval bag is fully rolled up using grasping forceps. The opening of the **MEDI-BAG GRIP** model features infinitely variable control.
4. The large opening of the specimen retrieval bag makes it easier to collect tissue and organ specimens.
5. Once the tissue has been collected, the **MEDI-BAG GRIP** is closed securely using a thread by simultaneously pulling the pusher handle and the finger ring. In **MEDI-BAG** model without a handle, the bag is closed by pulling the Nitinol wire closed with grasping forceps.
6. In the **MEDI-BAG GRIP** model, the specimen retrieval bag hangs suspended on the thread, securely closed, after release. The sealed specimen retrieval bag is removed through the abdominal wall.



## Specimen retrieval bag with handle

Infinitely variable  
intraoperative control  
with integrated handle

Controlled release  
Up to 1500 ml bag volume  
Color-coded handle

## Specimen retrieval bag with handle

Infinitely variable intraoperative control with integrated handle

**MEDI-BAG GRIP** supports the infinitely variable intraoperative opening and closing of the specimen retrieval bag in the abdomen. This is controlled using the pusher handle, which pushes the self-opening specimen retrieval bag through the opening in the insertion sheath. The specimen retrieval bag is closed securely by pulling the pusher handle and thread.

### MEDI-BAG GRIP – With handle

- Self-opening and releasable specimen retrieval bag with integrated handle
- Transparent, highly tear-resistant, and liquid-tight retrieval bag made of thermoplastic polyurethane (TPU) for the protected collection of small and large resected tissue
- Kink-resistant Nitinol wire with memory effect for secure intra-abdominal closure by pulling the integrated thread
- Colour-coded Medi-Bag handles for quick orientation when choosing the suitable bag volume, ranging from 200 to 1500 ml
- Extremely easy to use thanks to infinitely variable intraoperative opening and closing
- 10 mm trocars for simple insertion of the retrieval bag
- Latex-free
- Single-use
- Double-packed in sterile packaging

#### Applications

- Adrenalectomy
- Appendectomy
- Cholecystectomy
- Cystectomy
- Ectopic pregnancy
- Laparoscopic colon surgery (bowel, sigma, and colon resection)
- Lymph node removal
- Nephrectomy
- Prostatectomy
- Thoracoscopy (extraction of lung segments)



Retrieval bag volume	Retrieval bag diameter	Trocar diameter	Packaging unit	Product code
200 ml	80 mm	10 mm	5	BP-40350006
500 ml	100 mm	10 mm	5	BP-40350007
800 ml	130 mm	10 mm	5	BP-40350008
1200 ml	130 mm	10 mm	5	BP-40350009
1500 ml	130 mm	10 mm	5	BP-40350010



## Specimen retrieval bag

Easy operation and  
gentle application

Self-opening specimen retrieval bag  
Up to 800 ml bag volume  
Latex-free

## Specimen retrieval bag

Easy operation and gentle application



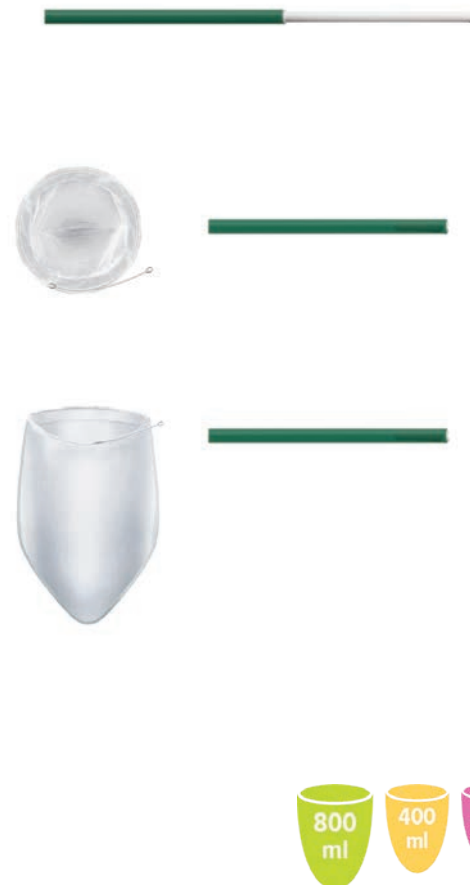
The **MEDI-BAG** model without a handle is particularly easy to use. The Medi-Bag specimen retrieval bag is pushed into the abdomen through the insertion sleeve using the integrated pusher and expands in a matter of seconds after being released from the insertion sheath. The specimen retrieval bag is closed using grasping forceps.

### MEDI-BAG – Without handle

- Self-opening specimen retrieval bag with insertion sheath and pusher
- Transparent, highly tear-resistant, and liquid-tight retrieval bag made of thermoplastic polyurethane (TPU) for the protected collection of small and large resected tissue
- Coated, kink-resistant Nitinol wire with memory effect for secure intra-abdominal closure
- Bag volumes from 200 to 800 ml
- 10 and 12 mm trocars for simple insertion of the retrieval bag
- Latex-free
- Single-use
- Double-packed in sterile packaging

#### Applications

- Adrenalectomy
- Appendectomy
- Cholecystectomy
- Cystectomy
- Ectopic pregnancy
- Laparoscopic colon surgery (bowel, sigma, and colon resection)
- Lymph node removal
- Nephrectomy
- Prostatectomy
- Thoracoscopy (extraction of lung segments)



Retrieval bag volume	Retrieval bag diameter	Trocar diameter	Packaging unit	Product code
200 ml	50 mm	10 mm	10	BP-40350011
400 ml	90 mm	10 mm	10	BP-40350012
800 ml	100 mm	10 mm	10	BP-40350013







# Gastroenterology

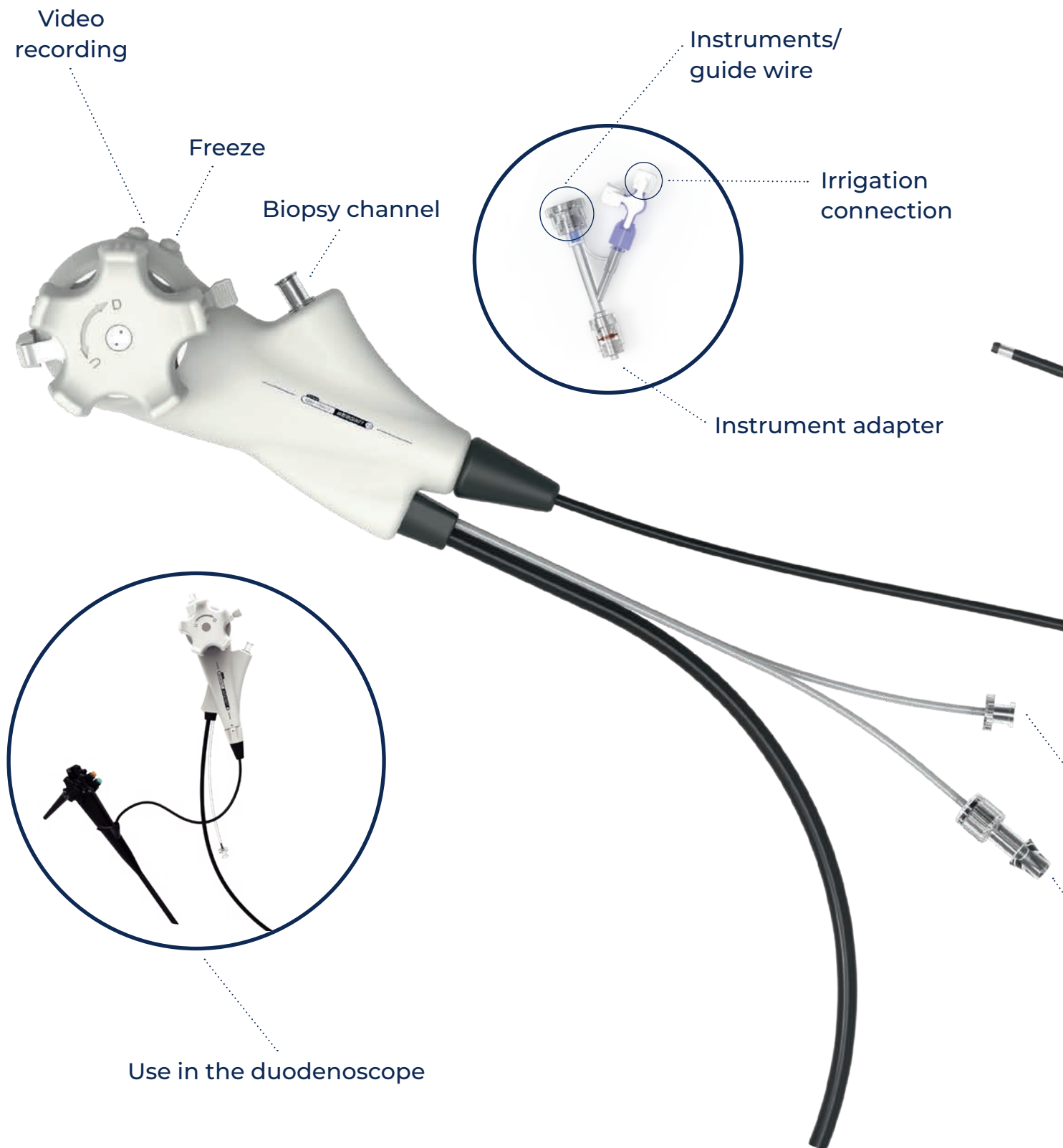


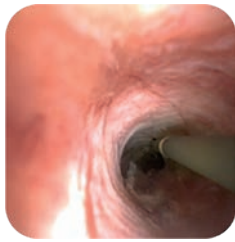
## Single-use choledochoscopes

# Cholangioscopes for use during an ERCP examination

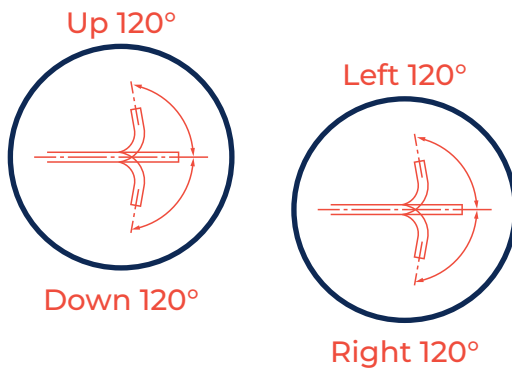
**SEEGEN** 威介光电  
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160K high-resolution image



Higher resolution image thanks to CMOS technology. 2 LED light guides for better illumination.

Working length: 1870 mm

Water jet

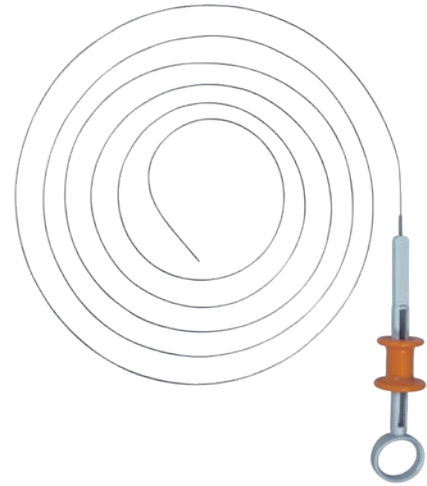
Suction

Product code	CHV-US100J-U	CHV-US110J-U
Description	Diagnosis	Diagnosis
Field of vision:	110°	110°
Depth of focus:	5-50 mm	5-50 mm
Up/down angulation:	120°/120°	120°/120°
Left/right angulation:	-	120°/120°
Ø insertion unit:	3.3 mm	3.4 mm
Ø distal end:	3.3 mm	3.4 mm
Working length:	1870 mm	1870 mm
Working channel/ irrigation channel:	1.2 mm/0.6 mm	1.2 mm/0.6 mm

## Micro biopsy forceps



- High-precision cut avoids risk of tissue damage
- With integrated handle
- Individually sterile packed
- Grasping forceps with separate transport protection
- For safe biopsy during cholangioscopy/ureteroscopy



Product code

Outer diameter	Working length	Cup length	Cup depth	Cup volume	Pieces per box	Without spike	With spike
1 mm	250 cm	1.35 mm	0.35 mm	0.67 mm <sup>3</sup>	5	BF11-SG-10-250-SU	-
1 mm	290 cm	1.35 mm	0.35 mm	0.67 mm <sup>3</sup>	5	BF11-SG-10-290-SU	-

## Stone baskets




- 1 mm catheter
- 4 Nitinol wires
- 15 mm wide, 40 mm long
- Single-use
- Do not use for mechanical lithotripsy



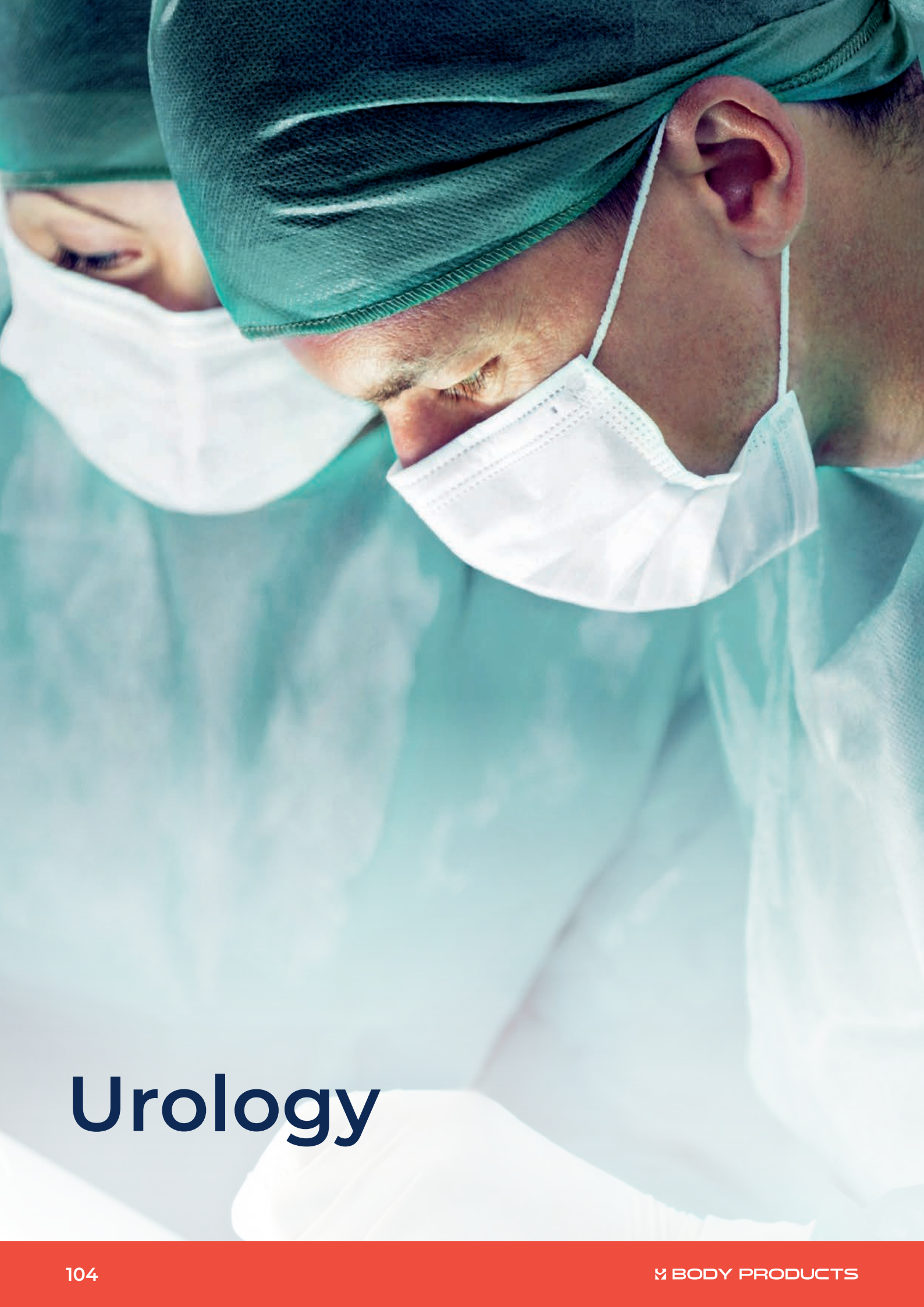
Product code

Outer diameter	Working length	Basket length	Basket width	Pieces per box	Product code
1 mm	250 cm	40 mm	15 mm	5	SUB-CH-10-250
1 mm	290 cm	40 mm	15 mm	5	SUB-CH-10-290

## Video processors

PL-1000	
<b>Product code</b>	PL-1000
Description	Video processor
Current:	Voltage: 100-240 VAC Frequency: 50/60 Hz Rated input: 45 VA
HMC-Enzy illumination:	Lamp: 2 W LED Color temperature: 3,000 K – 7,000 K Lamp service life: 30,000 h
Functions:	White balance, luminance control (+-), enhance (0, 1, 2), zoom (x1, x2, x3), freeze, snap, record, USB storage
Output:	DVI*1, S-Video*1, CVBS*1
Storage:	USB (FAT 32)
Dimensions:	350 mm(W) x 130 mm(H) x 425 mm(D)
Weight	8 kg
Screen:	-

PL-2100	
• Portable	
<b>Product code</b>	PL-2100
Description	Video processor
Current:	Voltage: 100-240 VAC Frequency: 50/60 Hz Rated input: 48 VA
HMC-Enzy illumination:	Lamp: 2 W LED Color temperature: 3,000 K – 7,000 K Lamp service life: 30,000 h
Functions:	White balance, luminance control (+-), enhance (0, 1, 2), zoom (x1, x2, x3), freeze, snap, record, USB storage
Output:	2x HDMI
Storage:	USB 2.0 (Max: 128 GB; FAT 32)
Dimensions:	270 mm (W) x 260 mm (H) x 72 mm (D)
Weight	3 kg
Screen:	10,1 Inch



# Urology





## Single-use ureteroscopes and cytosopes

# Single-use flexible ureteroscopes and cystoscopes

**SEEGEN** 威介光电  
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## Handle

Ergonomic design and reduced weight for easy handling during the procedure

## Camera

- High-resolution CMOS camera
- 400 x 400 pixels
- 120° field of vision
- Depth of focus: 5-50 mm
- 2 LED light guides for better illumination



## Sheath

High quality ensures integrity of the material during the procedure

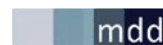
	UROFINO™ S		UROFINO™ T	
	SEEGEN UV-US100-H	SEEGEN UV-US110-H	SEEGEN UV-100-E	SEEGEN UV-100T-E
Field of vision:	120°	120°	120°	120°
Depth of focus:	5-50 mm	5-50 mm	5-50 mm	5-50 mm
Angulation:	up: 275° down: 275°	up: 275° down: 275°	up: 210° down: 130°	up: 210° down: 130°
Ø insertion unit:	3.0 mm (9 FR)	2.5 mm (7.5 FR)	4.8 mm (14.4 FR)	5.3 mm (15.9 FR)
Ø distal end:	3.0 mm (9 FR)	2.5 mm (7.5 FR)	4.8 mm (14.4 FR)	5.3 mm (15.9 FR)
Working length:	750 mm	750 mm	380 mm	380 mm
Ø working channel:	1.2 mm (3.6 FR)	1.2 mm (3.6 FR)	2.2 mm (6.6 FR)	2.6 mm (7.8 FR)

Up to 275° angulation for good visualization even in difficult examination areas

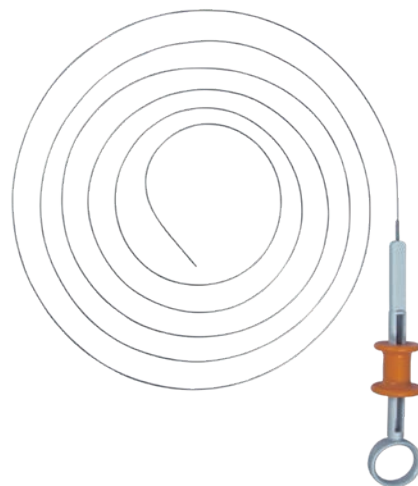


Reinforced distal end to prevent damage during the procedure

## Micro biopsy forceps



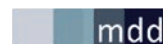
- High-precision cut avoids risk of tissue damage
- With integrated handle
- Individually sterile packed
- Grasping forceps with separate transport protection
- For safe biopsy during cholangioscopy/ureteroscopy



Product code

Outer diameter	Working length	Cup length	Cup depth	Cup volume	Pieces per box	Without spike	With spike
1 mm	120 cm	1.35 mm	0.35 mm	0.67 mm <sup>3</sup>	10	<b>BF11-SG-10-120-SU</b>	-

## Stone baskets




- 1 mm catheter
- 4 Nitinol wires
- 15 mm wide, 40 mm long
- Single-use
- Do not use for mechanical lithotripsy



Product code

Outer diameter	Working length	Basket length	Basket width	Pieces per box	Product code
1 mm	120 cm	40 mm	15 mm	5	<b>SUB-CH-10-120</b>

## Video processors

PL-1000	
<b>Product code</b>	PL-1000
Description	Video processor
Current:	Voltage: 100-240 VAC Frequency: 50/60 Hz Rated input: 45 VA
HMC-Enzy illumination:	Lamp: 2 W LED Color temperature: 3,000 K – 7,000 K Lamp service life: 30,000 h
Functions:	White balance, luminance control (+-), enhance (0, 1, 2), zoom (x1, x2, x3), freeze, snap, record, USB storage
Output:	DVI*1, S-Video*1, CVBS*1
Storage:	USB (FAT 32)
Dimensions:	350 mm(W) x 130 mm(H) x 425 mm(D)
Weight	8 kg
Screen:	-

PL-2100	
• Portable	
<b>Product code</b>	PL-2100
Description	Video processor
Current:	Voltage: 100-240 VAC Frequency: 50/60 Hz Rated input: 48 VA
HMC-Enzy illumination:	Lamp: 2 W LED Color temperature: 3,000 K – 7,000 K Lamp service life: 30,000 h
Functions:	White balance, luminance control (+-), enhance (0, 1, 2), zoom (x1, x2, x3), freeze, snap, record, USB storage
Output:	2x HDMI
Storage:	USB 2.0 (Max: 128 GB; FAT 32)
Dimensions:	270 mm (W) x 260 mm (H) x 72 mm (D)
Weight	3 kg
Screen:	10,1 Inch

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