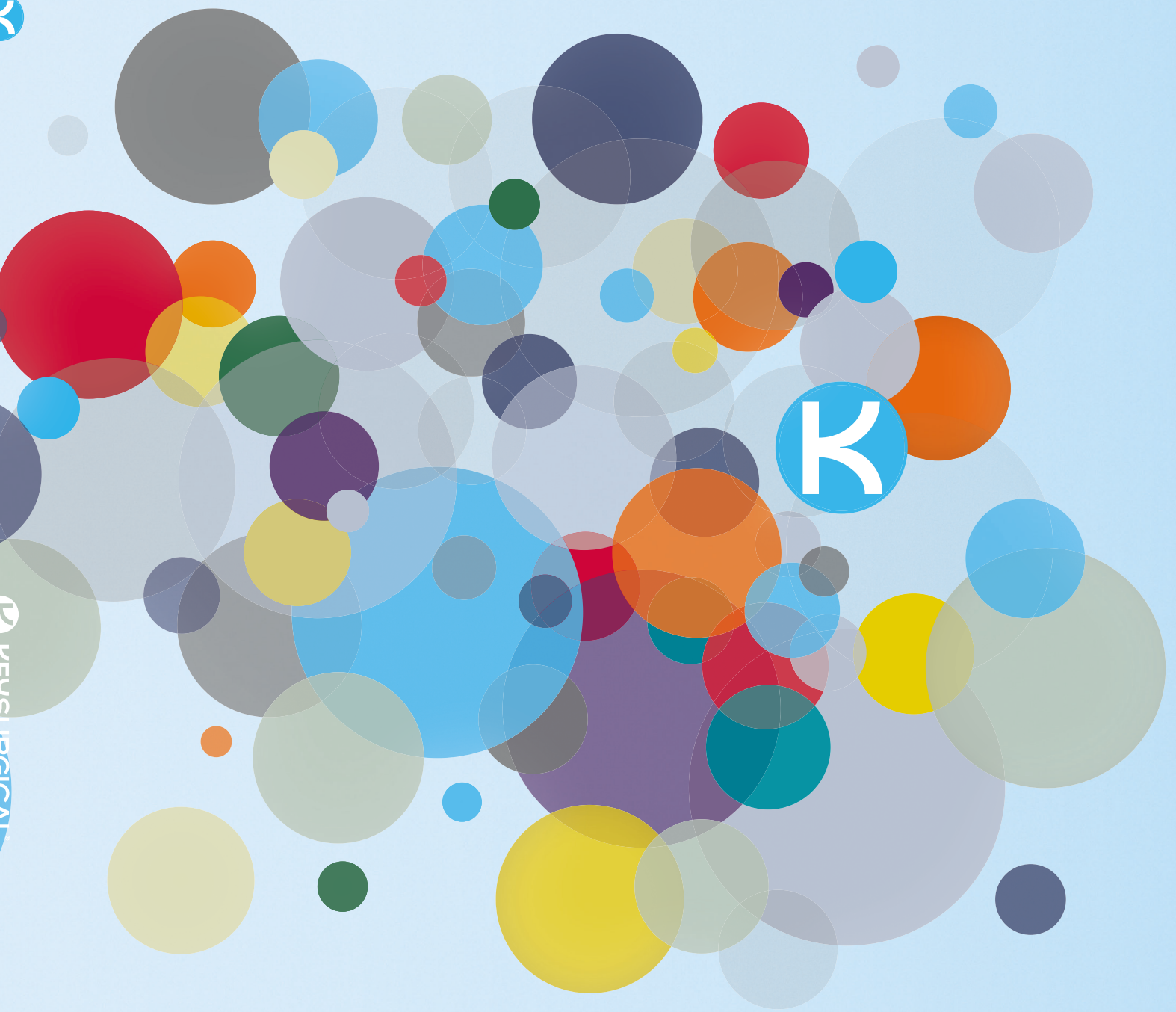




KEYSURGICAL

ENDOSCOPY



 **KEYSURGICAL[®]**

ENDOSCOPY

Ordering Information

PLACING ORDERS AND PRODUCT ADVICE

If you require advice or wish to place an order, you can contact Key Surgical from Monday to Friday between 8.30am and 5.00pm as follows:

- 1 TELEPHONE: **+44 (0) 1628 810626**
- 2 FAX: **+44 (0) 1628 810760**
- 3 E-MAIL: **sales@keysurgical.co.uk**
- 4 WEBSITE: **www.insitumed.com**
- 5 MAIL: **Beech House, Knaves Beech Business Centre, Loudwater, High Wycombe, Bucks, HP10 9SD**

FURTHER INFORMATION

If you need any more information, our knowledgeable Customer Services Team are on hand to answer any of your questions about product characteristics or use of products.

Alternatively, you can contact your local Account Manager directly to take advantage of their knowledge and training.

For our customers located outside the UK, please contact us directly if your local distributor does not carry the specific item reference. It is possible that a different distributor in your region has distribution rights to the item of interest. Thank you for your understanding.

Our user-friendly website contains not only details of all our products but also product videos and the dates of upcoming trade fairs and congresses - we look forward to seeing you there.

DIGITAL VERSION OF CATALOGUE

A digital version of our catalogue is available on our website. You can look through it on the website, or download it and print it out.

ORDERING INFORMATION AND GUIDELINES

Please contact our Customer Services team for information about minimum order values.

We aim to dispatch non-production items within 3 working days and to dispatch production items within 5 working days.



KEYSURGICAL®

We are excited to announce that Insitumed is now part of the Key Surgical® group of companies. Key Surgical has been a leading provider of products and solutions for hospitals and surgical centres for over 30 years. We are honoured to earn your business by providing a complete range of endoscopy products that Insitumed has been known for, paired with the superior customer experience that only Key Surgical can deliver.

With patient safety at the forefront everything we do, we are dedicated to meeting the healthcare industry's highest quality standards for patient care, safety, and efficiency in hospitals, clinical, and surgical centres around the world.

As our customer base of hospitals, surgery centres, and distributors continues to expand throughout the UK and in 70 other countries around the world, we're committed to continuously making investments in our products, quality system, regulatory and compliance efforts, and operations with the goal of being the easiest company with which to do business. Although seemingly simple, focusing on delivering an exceptional experience with us every step of the way is, and will continue to be, the foundation of why we do what we do.

Our entire team works hard every day to be recognised by you as a company of dedication, honesty, and integrity. In striving toward that recognition, we promise to keep our feet planted firmly on the ground and to make sure we brighten both your day and ours in the process. If we can ever be of assistance, please call or email us.

We look forward to earning your business and supporting your growing endoscopy needs. Within this catalogue you will find products that support the following areas in endoscopy:

- Endoscope Infection Prevention
- Patient Protection
- Single Use Patient Procedure Devices
- Medical Specialities



Endoscopy

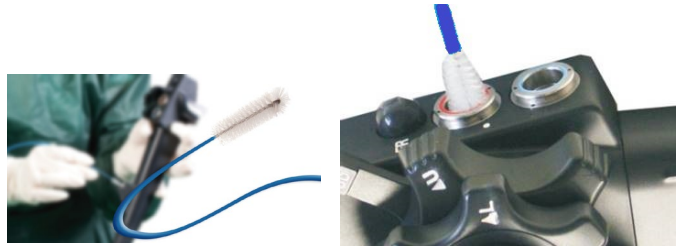
Bio-Film Cleaner
Cleaning Brushes
Bedside Cleaner
Eco EZ Cleanse



Brushes for Flexible Endoscopes

With good grip. pre-shaped nylon bristles and soft-tips with bowls protect our customers during reprocessing of endoscopes.

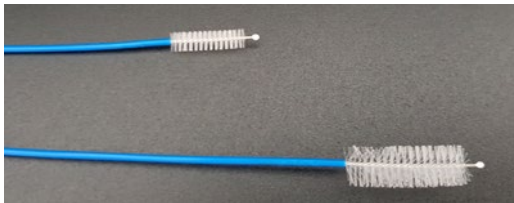
- Special catheter with outstanding grip
- Safe usage on slippery and wet instruments
- Soft and pre-shaped nylon - bristles
- Increase of cleaning efficiency
- Safety bowls on the tips



Double Ended Cleaning Brush for Channel Opening

2

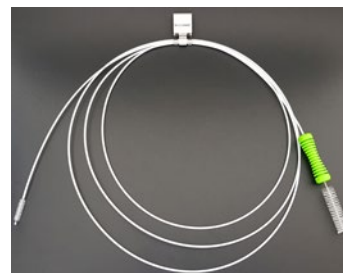
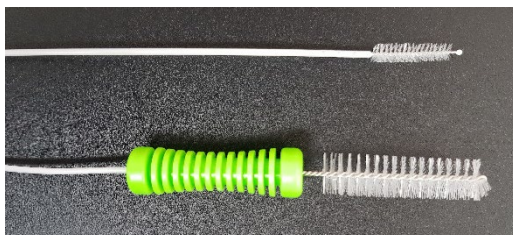
Prod. No.	Description	Sales Unit
EB10100	Double-cleaning brush: Length 250cm/Head diameter: 10/5mm 1 brush 10 mm for valve opening. 1 brush 5 mm for 2.8mm up to 4.2mm biopsy channel.	50 pieces



Double Ended Cleaning Brush for Channel Opening with Safety Handle Against Pulling Through

2

Prod. No.	Description	Sales Unit
EB10104	Double-cleaning brush: Length 230 cm / Head diameter: 10/5 mm 1 brush 10 mm for valve opening. 1 brush 5 mm for 2.8 mm up to 4.2 mm biopsy channel	100 pieces

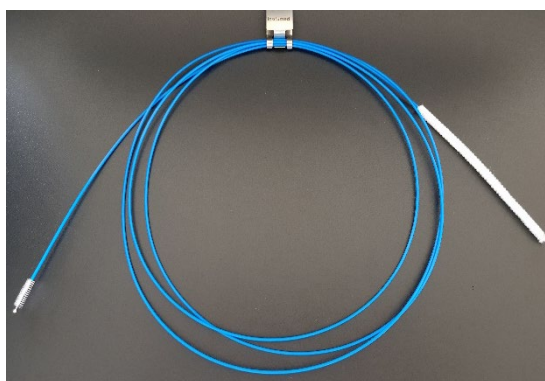
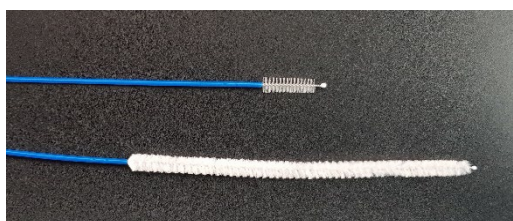


Combi Brush Pipe Cleaner Gastro-Colon

- Suitable for all colon and Gastrosopes from 2.8mm working channel
- The 5 mm brush head with 20mm length for pre-cleaning
- 5mm pipe cleaner (125mm length) removes dissolved contaminants
- Introduce brush, preclean channel, second cleaning effect via pull through technique

The 20mm extra long 5mm brush head with safety bowl tip, pre-cleans the 5mm pipe cleaner and the 125mm extra-length takes dissolved debris away. Double-action.

Prod. No.	Tube ø – mm	Length	Sales unit
EB10105	1.7 mm	2300 mm	50 pieces



Claw for Instrument Management

Keeps the instruments such as guide wires for the unused time during a procedure safe on the table.
Helps to keep open re-usable instruments during washer/disinfector procedures.

Prod. No.		
EN10207	Claw for Instrument management	1 piece



Valve-/ Biopsy-Channel Entrance Cleaning Brush



The 5mm brush head fits into the drilling of the air/water-valve and the suction valve. the 10mm brush head cleans all channel openings.

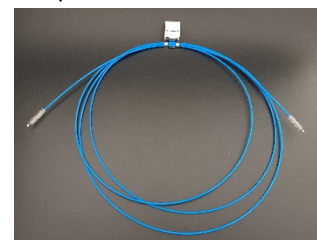
Prod. No.	Tube ø – mm	Length	Sales Unit
EB10101	1.8 mm	15.5 cm	100 pieces

Double/Triple Cleaning Brush

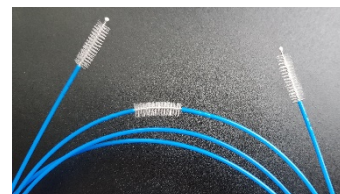
Prod. No.	Description	Tube ø – mm	Length	Sales Unit
EB10102	Double Cleaning Brush for channels from 2mm Brush head: 3 mm	1.7 mm	230 cm	50 pieces
EB10136	Double Cleaning Brush (Broncho) for channels from 1.4mm Brush head: 3mm	1.2 mm	120 cm	100 pieces



EB10103	Double Cleaning Brush for channels from 2.8 mm Brush head: 6 mm	1.7 mm	250 cm	50 pieces
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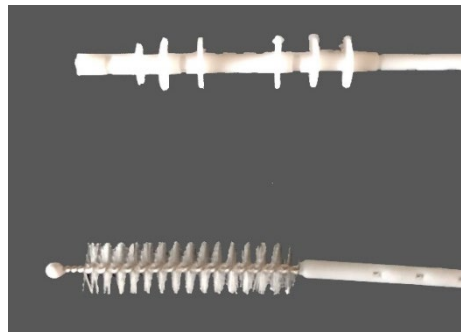


EB10103.3	Triple-Cleaning Brush for channels from 2.8 mm 3 Brush heads: 6mm	1.7 mm	250 cm	50 pieces
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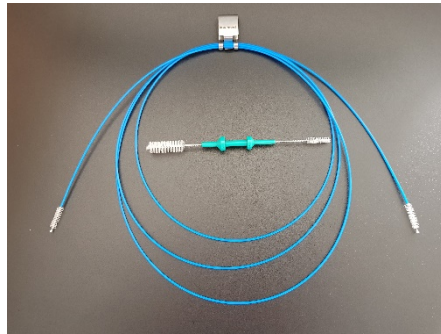
Double Action Cleaning Brush

Prod. No.	Description	Tubus	Length	Sales Unit
EB10138	Double-Action cleaning brush for channels from 2.8 mm brush head: 5mm with ball head - always insert first Lamellas - head with 6 rubber rings to pull through and remove impurities	1.7 mm	250 cm	50 pieces

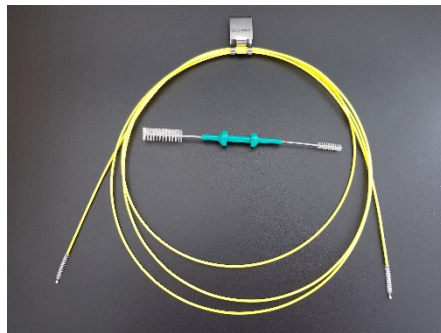


Brush Kits

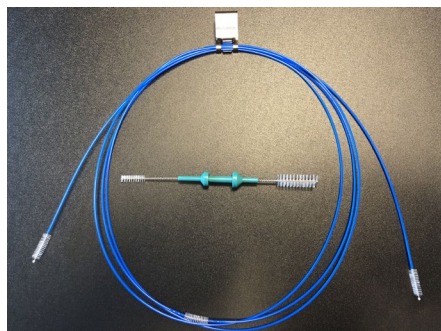
Prod. No.		Tubus ø – mm	Length	Sales Unit
EB10107C	Endoscope – Brush kit channel-valve colon 1 x double head cleaning brush with 5mm brushes 1 x valve-/biopsy channel brush 5/10mm brushes	1.7 mm	230 cm 15.5 cm	50 Sets



EB10107G	Endoscope – Brush kit channel-valve - Gastro 1 x double head cleaning brush with 3mm brushes 1 x valve-/biopsy channel brush 5/10mm brushes	1.7 mm	230 cm 15.5 cm	50 Sets
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EB10103.3C	Endoscope brush set 3-head/valve - colon 1 x Triple-Cleaning Brush 3 Brush heads: 6mm 1 x valve/biopsy channel brush 5/10mm brushes	1.7mm	250 cm 15.5 cm	50 Sets
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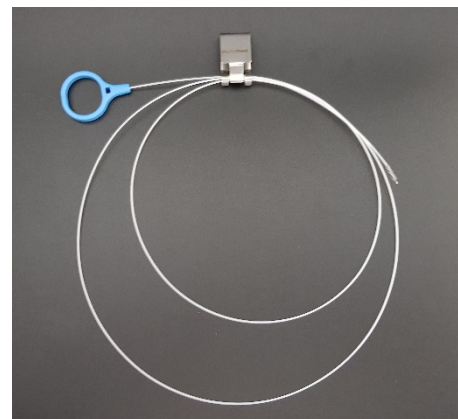
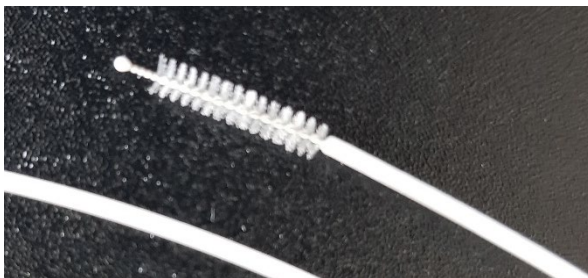


Special – Cleaning Brush for Bronchoscopes/ Ureteroscopes

A 10mm long brush head connected to a 1.1mm catheter. The result is a one-brush-head-cleaning brush for tiny channels of flexible endoscopes from 1.2mm.

The bowl tip protects sensitive channels of smaller single channeled scopes.

Prod. No.		Tubus ø – mm	Length	Sales Unit
EB10106	One-head-cleaning brush for channels from 1.2 mm Brush head: 2.0 mm Brush length: 10 mm	1.0 mm	120 cm	50 pieces



Eco EZ Cleanse™

Pre-Soak of Flexible Endoscopes

2

Eco EZ Cleanse™ is designed for the pre-soak of flexible endoscopes.

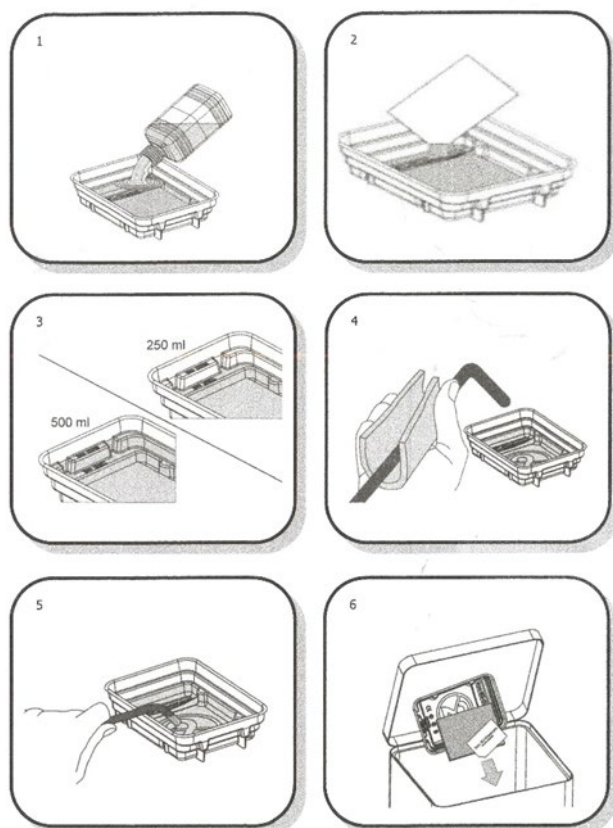
Empty the chemical sachet. mix the neutral concentrate with good water quality, completely suck the liquid through the working channel, take the soaked swab for surface pre-cleaning.

- No reprocessing costs for a container after usage
- Reduced packing and weight
- Wall mount dispenser for 20 trays for each room available
- Reduces the risk of cross-contamination

Prod. No.
EN10802

Eco EZ Cleanse™ with 6 ml sachet of chemical

Sales unit
100 pieces



Endoscopy

Mouthguards

Colonoscopy Shorts

Polyp Traps

STOPCON Disposable Valves

STOPCON Water Bottle Caps and Irrigation

Gastro Bibs/Aprons

ERCP Organisers

InstruGel



Mouthguards

2



Prod. No.	Description	Sales Unit
EN10126A	Standard mouthguard with large side window. linen tape Opening: 27 mm x 22 mm (width x height)	100 pieces



EN10189A	Mouthguard. pink. with tongue pressure; rubber band Opening : 20 mm x 18 mm (width x height)	100 pieces
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EN10126K	Children mouthguard (orange); rubber band Opening : 19 mm x 16 mm (width x height)	50 pieces
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Mouthguard with Oxygen Support

2



Prod. No.	Description	Sales Unit
EN10102	Oxy mouthguard; rubber band for oxygen support during endoscopy Opening : 26 mm x 17.8 mm (width x height)	100 pieces

Oxygen-Nasal Tube

2



Prod. No.	Description	Sales Unit
EN10128	Oxygen-Nasal tube with 2.1m safety tube	50 pieces



Colonoscopy Shorts

Different colours for different sizes: Size L in blue. Size XL in green

Prod. No.	Description	Sales unit
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EN10117L	Colonoscopy short blue with slit and flap. Size: L	100 pieces
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EN10117XL	Colonoscopy short green with slit and flap. Size: XL	100 pieces
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EN10121	Colonoscopy short blue with slit without flap. Size: L	100 pieces
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EN10121XL	Colonoscopy short green with flap without flap. Size: XL	100 pieces
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EN10122	Colonoscopy net pants Size: universal	100 pieces
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Polyp Traps

Positioned between supply tube of an endoscope and suction pump, the polyp is trapped in the integrated net. The single chamber trap has to be emptied after catching a polyp while the 4/5 chamber version offers the convenience of sending the separated polyps from 4 different locations to the laboratory.



Prod. No.	Description	Sales Unit
EN 10113	Single-Chamber-Polyp trap	50 pieces



EN10103	Polyp trap with 4 separate chambers for safe and fast catching of small polyps	12 pieces
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EN10116	Polyp trap with 5 separate chambers for safe and fast catching of small polyps.	10 pieces
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EN10112	Polyp trap with 2 removable drawers for safe and fast catching of small polyps	12 pieces
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Distal Protector



Prod. No.	Description	Sales Unit
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EN10111S	Sterile Endoscope distal end protector with multiple usage	50 pieces
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Disposable – Valves for Flexible Endoscopes

International publications describe the use of re-usable valves as a high risk for cross-contamination. Confirmed in the German Hygenda-Study in 2013 with 80% reprocessed valves which still were contaminated.

The reason is the complex design especially at the air/water valve with tricky drilling holes and sealing rings. Another growing risk is caused by multi-resistant germs. Disposable valves eliminates this risks immediately instead of the expensive re-processing of reusable valves.

In view to the growth of biofilms in endoscope areas which can't be even manually brushed such as air-/ water – channel also the current usage of silicone oil as a lubricant for valves should be stopped.

StopCon valves create a new oil-free state of the art and are also as single packed valves available in case when single valves fail their function during the examination without opening a full kit.

StopCon Disposable Oil-Free Endoscope Valves

- Available in: single valve, 2 piece kit (including air/water and suction valve), 3 piece kit (including air/water and suction valve with biopsy valve). 4 piece kit (including air/water. and suction valves with single use auxiliary water jet connector)
- LOT number available for tracking purposes
- Single use valves reduce the risk of cross-contamination









Disposable Valves for flexible Endoscopes OLYMPUS

Biopsy Port Valves


2

	Prod. No.	Description	Sales unit
	EN10233	Biopsy port valve (EO sterilised) Suitable for Olympus GI / Fujinon.500 / Karl Storz	100 pieces
	EN10909	STOPCON Biopsy Jet Auxilliary jet/ biopsy valve for Olympus® / Fujinon® GI endoscopes	100 pieces
	EN10913	STOPCON Biopsy Jet Biopsy valve with irrigation tube / for Olympus® GI and Fujinon® series 500 endoscopes	100 pieces


Air-/Water Valve

	EN10230	OLYMPUS GI Air-/Water valve (EO sterilised) OES 40. EVIS 140. 145. 160. 165. 180. 185. 190. 240. 260. 290	100 pieces
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Suction Valve

	EN10232	OLYMPUS GI Suction valve (EO sterilised) OES 40. EVIS 140. 145. 160. 165. 180 185. 190. 240. 260. 290	100 pieces
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Jet-Channel Connector

	EN10906	OLYMPUS GI Jet-Channel-connector (EO sterilised) OES 40. EVIS 140. 145. 160. 165. 180. 185. 190. 240. 260. 290	100 pieces
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Air- / Water Cleaning Adapter

	EN10920	Air/ Water channel cleaning adapter for Olympus GI Endoscopes	100 pieces
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Disposable Valves for Flexible Endoscopes OLYMPUS

Complete Valve Sets

2



EN10229.2

OLYMPUS GI Air/water/ suction valve
(EO sterilised) OES 40. EVIS 140. 145. 160. 165.
180. 185. 190. 240. 260. 290

50 sets



EN10229

OLYMPUS GI Biopsy/air/water/suction valve
(EO sterilised) OES 40. EVIS 140. 145. 160. 165.
180. 185. 190. 240. 260. 290

50 sets



EN10229.1

OLYMPUS GI Biopsy/air/water/suction valve
plus Jet-Channel-connector (EO sterilised) OES 40.
EVIS 140. 145. 160. 165. 180. 185. 190. 240. 260. 290

50 sets








Disposable Valves for Flexible Endoscopes PENTAX

2


Biopsy Port Valves

	Prod.No.	Description	Sales Unit
	EN10234	Biopsy port valve (EO sterilised) suitable for Pentax GI	100 pieces
	EN10914	STOPCON Biopsy Jet Biopsy valve with irrigation tube for Pentax® GI endoscopes	100 pieces

Jet-Channel Connector

	EN10907	STOPCON Jet - Pentax® Jet-channel-connector for Pentax® 90/i10 GI endoscopes	100 pieces
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Complete Valve Set

	EN10229P	Pentax GI Biopsy/air/water/suction valve (EO sterilised) 90th series	50 pieces
	EN10229P.1	All of the above plus Jet channel connector	








Disposable Valves for Flexible Endoscopes FUJINON

Biopsy Port Valves

2

	Prod. No.	Description	Sales unit
	EN10233	Biopsy port valve (EO sterilised) Suitable for Olympus GI/Fujinon.500/ Karl Storz	100 pieces
	EN10909	STOPCON Biopsy Jet auxilliary jet/ biopsy valve for Olympus® / Fujinon® GI endoscopes	100 pieces
	EN10913	STOPCON Biopsy Jet Biopsy valve with irrigation tube / for Olympus® GI and Fujinon® series 500 endoscopes	100 pieces

Jet-Channel Connector

	EN10908	STOPCON Jet - Fujinon® Jet-channel- connector for Fujinon® 500 /600 /700 GI endoscopes	100 pieces
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Complete Valve Sets

EN10229F	Fujinon GI Biopsy/air/water/suction valve (EO sterilisiert) for Fujinon 700 Series GI endoscopes	50 Sets
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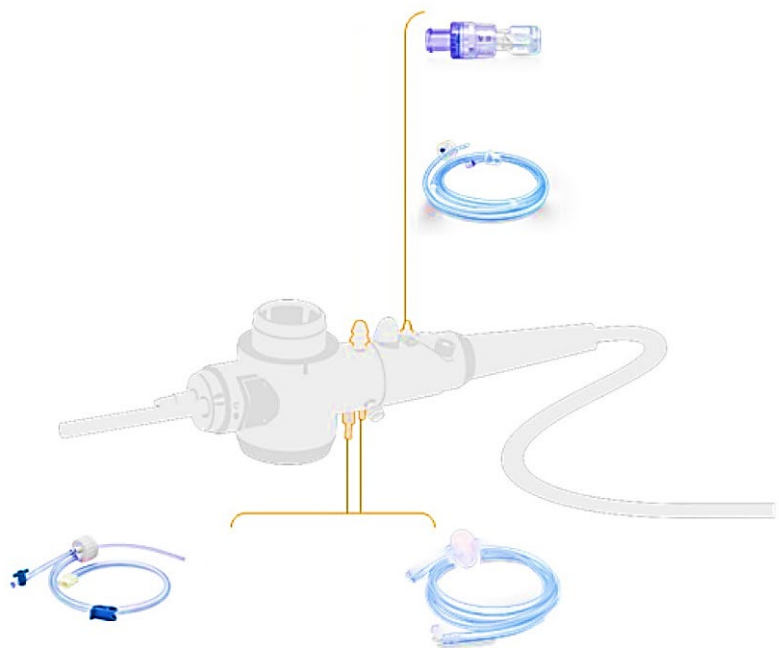
Disposable – Water Bottle Caps and Irrigation Systems for Flexible Endoscopes

Different pressure conditions during gastroenterology endoscopy procedures are the main reason for the backflow of contaminated liquids from the GI-tract far behind the valves at the control part. Water bottles for the optic flushing system include a cap and tubing system. A validated daily reprocessing procedure including sterilisation is essential.

Single use systems reduce the risk of cross contamination and offer a significant time and cost reduction in the area of personal resources. The growing risk of multi resistant microorganisms can be limited by using disposable lids, connectors, tubes and valves as well for auxiliary.

StopCon Water Bottle Caps and Irrigation for Auxiliary Channels

- Standard Water Bottle Caps with CO₂ tubing
- Auxiliary flushing tubing with water bottle lid
- Auxiliary flushing individual connector and tubing for all types of endoscopes
- CO₂ tube for external pumps
- Safe sterile packs
- LOT number available for tracking purposes





STOPCON Cap

Disposable – Water Bottle Cap

STOPCON Cap offers a water bottle cap always with CO₂ connecting tube.

All ready to use kits have an open Stopcock for CO₂-insufflation. In case of no-CO₂ demand, simply close the Stopcock. Designed for 24 hour usage.



Prod. code.	Description	Sales Unit
EN10901	STOPCON Cap Olympus® sterile combination water bottle cap for H ₂ O and CO ₂ for Olympus® GI endoscopes 140.160. 165. 180. 190. 240. 260. 290	10 pieces



EN10902	STOPCON Cap Pentax® sterile combination water bottle cap for H ₂ O and CO ₂ for Pentax® 90 GI endoscopes	10 pieces
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EN10910	STOPCON CO2 Tubing standard connecting tube to CO ₂ -source with Luer connector	10 pieces
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EN10921	STOPCON Cap Tubing Olympus® Air / Water Bottle Tubing for Olympus® GI endoscopes 160. 165. 180. 190. 240. 260. 290	10 pieces
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EN10922	STOPCON Cap Tubing Pentax® Air / Water Bottle Tubing for Pentax® 90 GI endoscopes	10 pieces
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EN10923	STOPCON Cap Tubing Fuji GI endoscopes 700 series	10 pieces
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STOPCON Irrigation

Disposable – Irrigation Systems

	Prod.code	Description	Sales unit
	EN10905	STOPCON Irrigation disposable tube with cap for Olympus® OFP 1. ERBE ® EIP2 irrigation pumps. with backflow valve 24 h - usage	10 pieces
	EN10915	STOPCON Irrigation disposable tube with cap for EndoGator® EGP100 irrigation pump. with backflow valve 24 h - usage	10 pieces
	EN10916	STOPCON Irrigation disposable tube with cap for Olympus® OFP 2 irrigation pump. with backflow valve 24 h - usage	10 pieces
	EN10906	STOPCON Jet - Olympus® Jet-channel-connector for Olympus® GI endoscopes EVIS 145. 160. 165. 180. 185. 190. 240. 260. 290	100 pieces
	EN10907	STOPCON Jet - Pentax® Jet-channel-connector for Pentax® 90/i10 GI endoscopes	100 pieces
	EN10908	STOPCON Jet - Fujinon® Jet-channel-connector for Fujinon® 500 /600 /700 GI endoscopes	100 pieces
	EN10909	STOPCON Biopsy Jet auxilliory jet/ biopsy valve for Olympus® / Fujinon® GI endoscopes	100 pieces
	EN10919	STOPCON CO2 Source Tubing Adapter for instalation at Olympus® UCR CO2 Insufflator	1 piece



Water Bottle Holder

Art.No.	Description	Sales Unit
MED100.78	Stainless steel bottle holder for fixation at the light source welded edges wall thickness 1.5mm Dimensions: 140 x 100 x 90mm suitable for all common disposable water bottles up to 1000ml	1 piece



Art.No.	Description	Sales Unit
MED100.79	Stainless steel bottle holder two hooks for rail fixation Inner diameter ring 94mm total height 190mm suitable for all common disposable water bottles up to 1000ml	1 piece



Organiser for ERCP Instruments

Prod. No.	Description	Sales Unit
EN10110	Organiser with 4 single chambers. transparent sealed on viscose 75 x 90 cm and fixing tapes to position safe on the table. Sterile packed.	1 piece
EN10110L	Organiser with 4 single chambers. transparent sealed on viscose 75 x 110 cm.	1 piece
EN10110.3	Organiser with 3 single chambers	1 piece



Endoscopy

Biopsy Forceps/Jumbo
Polypectomy Snares
Special-Polypectomy (cold)
Injection Needles
Polyp Retrievers
Foreign Body Removal
Haemostasis - Clips
Oesophagus - Dilatation
Guide Wires
Sphincterotomes
Baskets
Extraction Balloon





Endoscopy

Biopsy Forceps



Biopsy Forceps for Small Channels

2

Oval Cups, Fenestrated, Uncoated Coil:

Prod. No.	Biopsy channel	∅ –mm	Working length	Sales Unit
EN10162	2 mm	1/8 mm	1200 mm	10 pieces

Oval Cups, Fenestrated, Coated Coil:

Prod. No.	Biopsy channel	∅ –mm	Working length	Sales Unit
EN10162A	2.0 mm	1.8 mm	1200 mm	10 pieces
EN10168A	2.0 mm	1.8 mm	1800 mm	



2

Oval Cups, Fenestrated with Spike, Coated Coil:

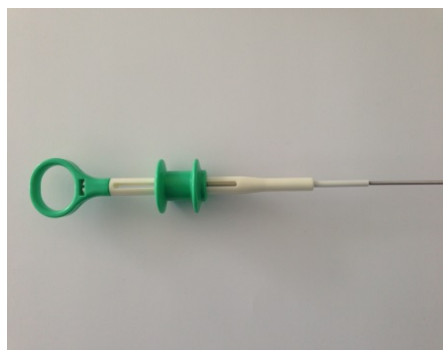
Prod. No.	Biopsy channel	∅ –mm	Working length	Sales Unit
EN10163	2.0 mm	1.8mm	1200 mm	10 pieces
EN10163A	2.0 mm	1.8mm	1800 mm	



2



Biopsy Forceps



Large Oval Cups, Fenestrated, Uncoated Coil:

2

Prod. No.	Biopsy Channel	ø –mm	Working Length	10 pieces
EN10153A	2.8 mm	2.3 mm	1600 mm on special order	
EN10158A	2.8 mm	2.3 mm	1800 mm	
EN10159A	2.8 mm	2.3 mm	2300 mm	



Large Oval Cups, Fenestrated with Spike, Uncoated Coil:

2

Prod. No.	Biopsy Channel	ø –mm	Working Length	10 pieces
EN10154A	2.8 mm	2.3 mm	1600 mm on special order	
EN10160A	2.8 mm	2.3 mm	1800 mm	
EN10161A	2.8 mm	2.3 mm	2300 mm	



Swinging Biopsy Forceps™



Large Serrated Cups (Alligator), Fenestrated, Coated Coil, Length Markers:

2

Prod. No.	Biopsy Channel	∅ –mm	Working Length	10 pieces
EN10267AS	2.8 mm	2.4 mm	1800 mm	
EN10268AS	2.8 mm	2.4 mm	2300 mm	



Large Serrated Cups (Alligator), Spike, Fenestrated, Coated Coil, Length Markers:

2

Prod. No.	Biopsy Channel	∅ –mm	Working Length	10 piece:
EN10269AS	2.8 mm	2.4 mm	1800 mm	
EN10270AS	2.8 mm	2.4 mm	2300 mm	



Swinging Biopsy Forceps™



Oval Cups.

Fenestrated, Covered Coil, Length Markers:

2

Prod. No.	Biopsy Channel	∅ –mm	Working Length	10 pieces
EN10271AS	2.8 mm	2.4 mm	1800 mm	
EN10272AS	2.8 mm	2.4 mm	2300 mm	



Oval Cups, Spike, Fenestrated, Covered Coil, Length Markers:

2


Prod. No.	Biopsy channel	∅ –mm	Working Length	10 pieces
EN10273AS	2.8 mm	2.4 mm	1800 mm	
EN10274AS	2.8 mm	2.4 mm	2300 mm	



Biopsy Forceps


Large Oval Cups, Fenestrated, Covered Coil:

2

Prod. No.	Biopsy channel	ø –mm	Working length	Sales Unit 10 pieces
EN10155A	2.8 mm	2.3 mm	1600 mm	
EN10164A	2.8 mm	2.3 mm	1800 mm	
EN10165A	2.8 mm	2.. mm	2300 mm	


Large Oval Cups, Fenestrated with Spike, Covered Coil:

2

Prod. No.	Biopsy channel	ø –mm	Working length	Sales Unit 10 pieces
EN10156A	2.8 mm	2.3 mm	1600 mm	
EN10166A	2.8 mm	2.3 mm	1800 mm	
EN10167A	2.8 mm	2.3 mm	2300 mm	

JUMBO, Large Oval Cups, Fenestrated, Covered Coil:

2

Prod. No.	Biopsy channel	ø –mm	Working length	Sales Unit 10 pieces
EN10266A	3.2 mm	3 mm	2300 mm	





Endoscopy

HOT-Biopsy Forceps



HOT-Biopsy Forceps



Oval Cups, Fenestrated, Uncoated Coil:

2

Prod.No.	Biopsy channel	ø –mm	Working length	10 pieces
EN10168	2.8 mm	2.3 mm	2300 mm	



Endoscopy

Polypectomy

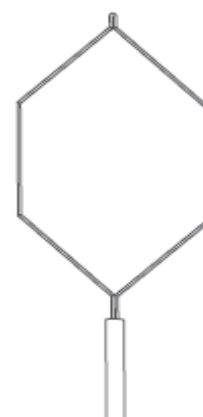


Polypectomy Snares

Hexagonal, Stiff Multiple Wire, HF-Connector Olympus:

Sales Unit: 10 pieces

Prod. No.	Biopsy channel	ø –mm	Working length	ø Snare
EN10300	2.8 mm	2.4 mm	2300 mm	10 mm
EN10301	2.8 mm	2.4 mm	2300 mm	15 mm
EN10302	2.8 mm	2.4 mm	2300 mm	20 mm
EN10303	2.8 mm	2.4 mm	2300 mm	25 mm
EN10304	2.8 mm	2.4 mm	2300 mm	30 mm
EN10305	2.8 mm	2.4 mm	2300 mm	35 mm



2

Oval, Stiff Multiple Wire, HF-Connector Olympus:

Sales Unit: 10 pieces

Prod. No.	Biopsy channel	ø –mm	Working length	ø Snare
EN10306	2.8 mm	2.4 mm	2300 mm	10 mm
EN10307	2.8 mm	2.4 mm	2300 mm	15 mm
EN10308	2.8 mm	2.4 mm	2300 mm	20 mm
EN10309	2.8 mm	2.4 mm	2300 mm	25 mm
EN10310	2.8 mm	2.4 mm	2300 mm	30 mm
EN10311	2.8 mm	2.4 mm	2300 mm	35 mm



2

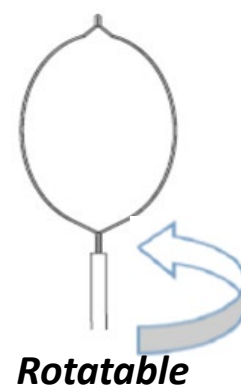
NEW 1:1 Rotatable, Oval, Stiff Wire

1:1 rotatable. fast capture of polyps. makes complex anatomy targets easy to select

HF-Connector Olympus:

Sales Unit: 10 pieces

Prod. No.	Biopsy channel	ø –mm:	Working length	ø Snare
En10306R	2.8mm	2.4mm	2300 mm	10 mm
EN10307R	2.8 mm	2.4 mm	2300 mm	15 mm
EN10308R	2.8 mm	2.4 mm	2300 mm	20 mm
EN10309R	2.8 mm	2.4 mm	2300 mm	25 mm
EN10310R	2.8 mm	2.4 mm	2300 mm	30 mm
EN10311R	2.8 mm	2.4 mm	2300 mm	35 mm



Rotatable

2

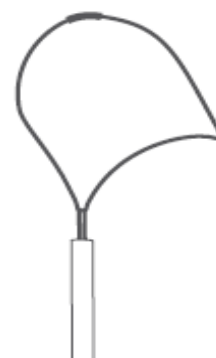


Polypectomy Snares

Crescent. Multiple Wire. HF-Connector Olympus:

Sales unit: 10 pieces

Prod.No.	Biopsy channel	∅ –mm:	Working length	∅ Snare
EN10315	2.8 mm	2.4 mm	2300 mm	10 mm
EN10316	2.8 mm	2.4 mm	2300 mm	15 mm
EN10317	2.8 mm	2.4 mm	2300 mm	20 mm
EN10318	2.8 mm	2.4 mm	2300 mm	25 mm

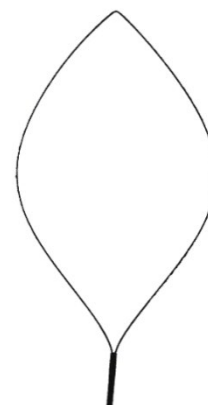


2

NEW MONOFIL Oval, Monofilament Wire, HF-Connector Olympus:

Sales unit: 10 pieces

Prod.No.	Biopsy channel	∅ –mm	Working length	∅ Snare
EN10240	2.8 mm	2.3 mm	2300 mm	10 mm
EN10241	2.8 mm	2.3 mm	2300 mm	15 mm
EN10242	2.8 mm	2.3 mm	2300 mm	20 mm
EN10243	2.8 mm	2.3 mm	2300 mm	25 mm
EN10244	2.8 mm	2.3 mm	2300 mm	30 mm

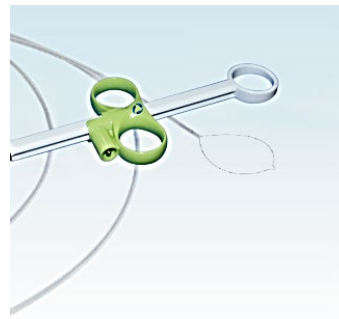


2

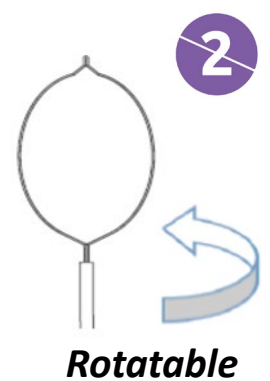


Polypectomy Snares

Special Snares



***NEW rotatable* HYBRID COLD/HOT Snare**
Oval, stiff multifilament wire,
For cold and hot cutting of small polyps.



Prod. No.	Biopsy channel	ø –mm	Working length	ø Snare	Sales Unit
EN 10330R	2.8 mm	2.3 mm	2300 mm	10 mm	10 pieces
EN 10331R	2.8 mm	2.3 mm	2300 mm	15 mm	10 pieces



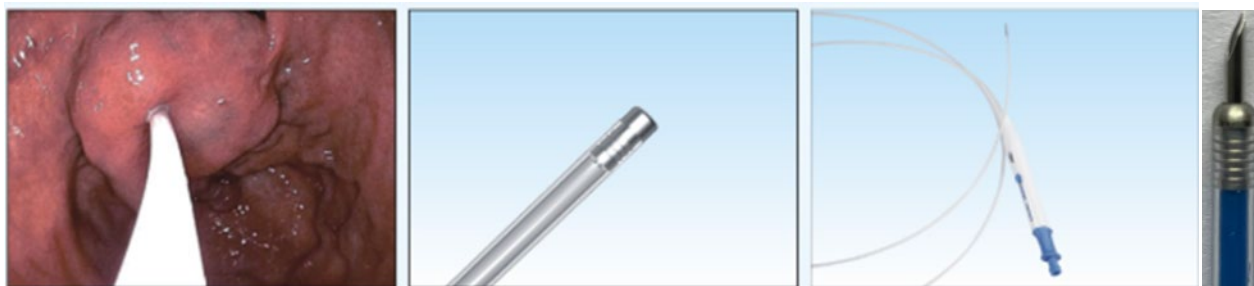


Endoscopy

Injection Needles
Spray Catheter



Injection Needles



Injection Needle 23G

Different lengths safety coil at the tip. Sales unit = 10 pieces



Prod. No.	Biopsy channel	ø –mm	Working length	Needle diameter	Needle length
EN10170A	2.8 mm	2.4 mm	2300 mm	0.6 mm	4mm
EN10171A	2.8 mm	2.4 mm	2300 mm	0.6 mm	5mm
EN10172A	2.8 mm	2.4 mm	2300 mm	0.6 mm	6mm

Injection Needle 19G

Safety coil at the tip. Sales unit = 10 pieces



Prod. No.	Biopsy channel	ø –mm	Working length	Needle diameter	Needle length
EN10173A	2.8 mm	2.4 mm	2300 mm	1.1 mm	5mm

Spray Catheter - Spray Type

Sales unit = 10 pieces



Prod.No.	Biopsy channel	ø –mm	Working length	Spray head
EN10174	2.8 mm	2.4 mm	2300 mm	Spray





Endoscopy

Foreign Body Removal
Polyp Retriever
Retriever Net



Foreign Body Removal

Endoscopic foreign body retrieval offers a minimally invasive method for extractions of ingested objects from the gastrointestinal tract. Key Surgical offers an extensive line of foreign body retrieval devices to meet every clinical situation from polyp and stent retrieval to the removal of dentures, bones, coins, buttons, and marbles.

All instruments are individually available.

Foreign Body Retriever Type Pelican

Prod. No.	Biopsy channel	∅ –mm	Working length	Sales unit
EN10235A	2.8 mm	2.3 mm	2300 mm	1 unit



Foreign Body Retriever Type Rat Tooth

Prod. No.	Biopsy channel	∅ –mm	Working length	Sales unit
EN10237A	2.8 mm	2.3 mm	2300 mm	1 unit



Foreign Body Retriever Type Alligator

Prod. No.	Biopsy channel	∅ –mm	Working length
EN10238A	2.8 mm	2.3 mm	2300 mm



Foreign Body Removal

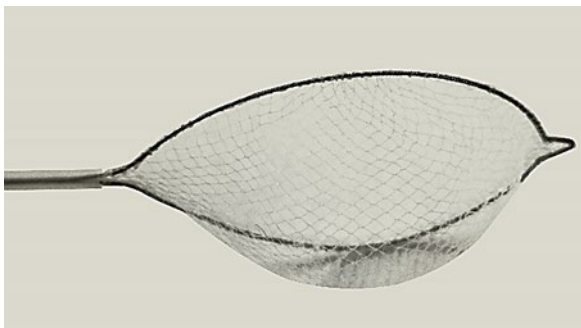
Naetz Disposable Net for Polyps and Foreign Bodies

The spring-elastic snare opens the fine-meshed net. Polyps, small bowls, rounded foreign bodies such as micro batteries get removed safe and fast. Body liquids run off the meshes.

Prod. No.	Description			Sales unit
EN 10178	Spring-elastic snare with net	1.8x	1600mm 20x50 mm	1 piece
EN 10179	Spring-elastic snare with net	2.3x	2300mm 30x55 mm	1 piece
EN 10180	Spring-elastic snare with net	2.3x	2300mm 40x60 mm	1 piece

for safe removal of polyps, foreign body or food bolus

- 1.8mm catheter. from 2.0 mm working channel. Broncho/ Gastroscope
- 2.3mm catheter. from 2.8 mm working channel. 230 cm working length
- Body fluids such as digestive juice will run through the meshes
- Fine-meshed
- Rotatable



Foreign Body Retriever

2

3-pod with Rounded Tips

1 piece

Prod. No.	Biopsy channel	ø –mm
EN10135A	2.8 mm	2.4 mm

Working length
2300 mm



2

4-pod with Rounded Tips

1 piece

Prod. No.	Biopsy channel	ø –mm
EN10136A	2.8 mm	2.4 mm

Working length
2300 mm



2

5-pod with rounded tips

1 piece

Prod. No.	Biopsy channel	ø –mm
EN10137A	2.8 mm	2.4 mm

Working length
2300 mm



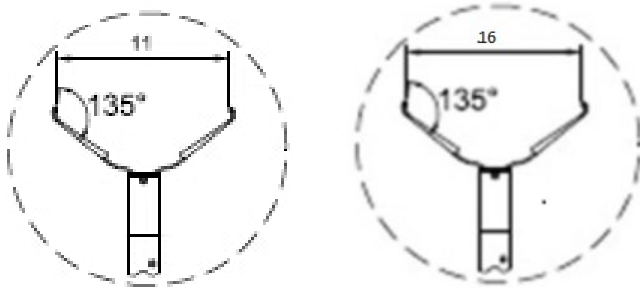


Endoscopy

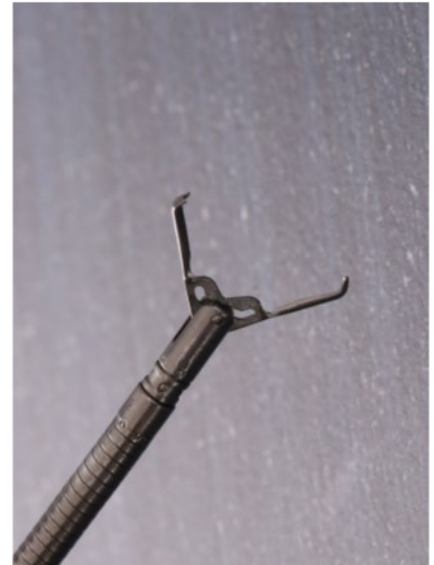
Haemostasis-Clips
Endoscopic Ligature Loop



Rotatable Clip with Mechanical Opening



2



rounded for safe insertion

360° steplessly rotatable

endlessly often open/close

- Can be opened and closed multiple times for safe positioning
- Rotatable
- Wide opening span of 135°
- 11mm / or 16mm opening width
- Fast application
- PTFE (Teflon) coated
- MRI-compatible

Prod. No.	Description	ø –mm	Working length	Clip
EN10401.11	“Clear vision“ Haemostasis-Clip	2.6 mm	230 cm	135°/ 11 mm
EN10401.16	“Clear vision“ Haemostasis-Clip	2.6 mm	230 cm	135°/ 16 mm

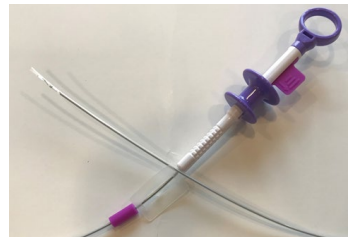
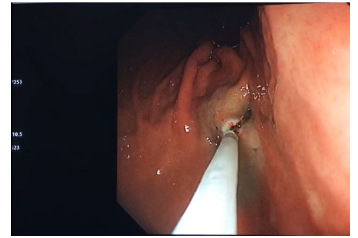
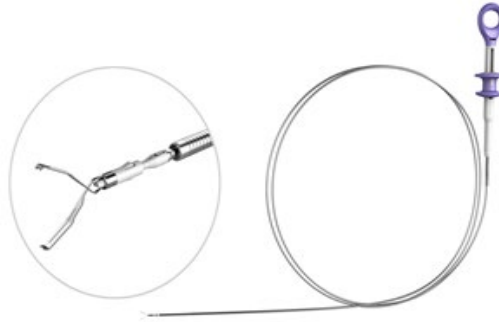
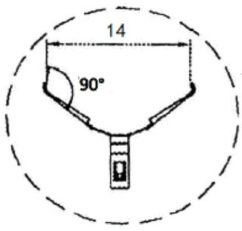
Sales unit: 5 Clip-applicators





Haemostasis – Clip Easy®

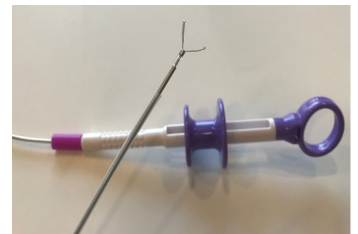
rotatable standard clip for endoscopic haemostasis



- Rotatable
- Angle of 90° for safe positioning
- Maximum opening 14mm
- Fast and safe application
- Soft gliding due to over sheath including the Clip
- Safe usage
- MRI-compatible

Prod. No.	Description	ø –mm	Working length	Clip
EN 10400A	“Easy“ Haemostasis-Clip®	2.6 mm	230 cm	90° / 14 mm opening

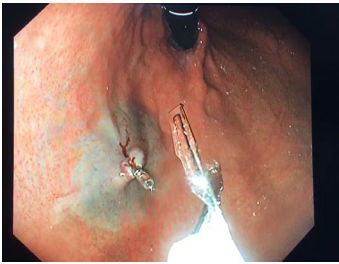
Sales unit: 5 Clip-applicators





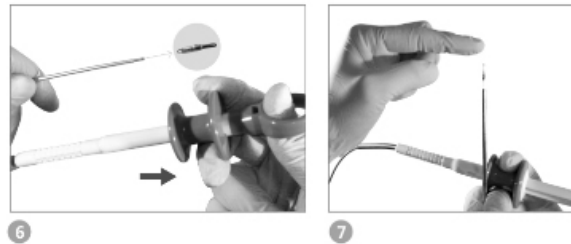
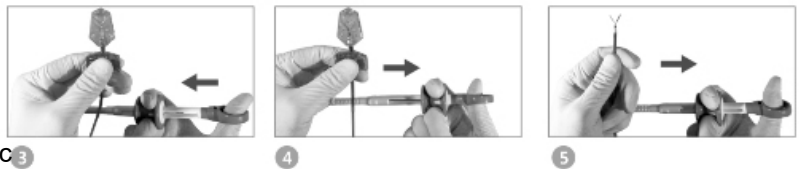
Haemostasis – Clip Easy® Advanced

Rotatable standard clip for endoscopic haemostasis placement via re-loadable handle

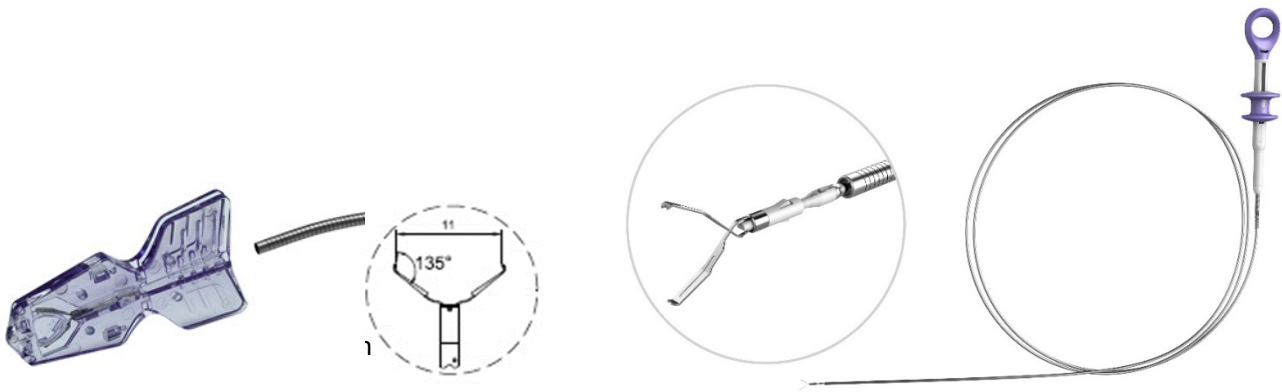


Increasing costs and awareness for environmental protection forces a reasonable number of users to load the instrument even in emergency cases such as bleedings.

1. Introduce applicator in the loading aid
2. Push to the clip
3. Hold loading aid tightly. push finger roll Forward to insert the clip
4. Pull finger roll backwards
5. Pull clip fully into the coil
6. Insert the coil into the endoscope
7. Once visible. push complete open until plastic
8. Slightly pull back until clip fully opens
9. The clip is now fully rotatable and can be placed whilst pushing at the lesion



- Non-repositional
- Rotatable
- 135°
- Max opening span 11mm
- MRI-compatible

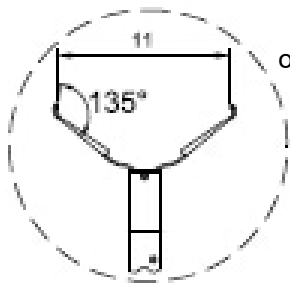


EN10403.1	disposable Applicator. 1 piece	2.75mm	2300mm
EN10403.3	Haemostasis-Clip „Easy“ ® Advanced	30 pieces per box	135°/ 11 mm



Haemostasis – Clip Reliance® RLNZ

rotatable clip for fast endoscopic haemostasis procedures



opening: 11mm or 16 mm



- Repositionable
- Smooth rotatability
- Wide opening span of 135°
- 11mm/ or 16 mm arm length
- Fast application
- PTFE (Teflon) coated
- Security package with dispenser each clip maintains the rotatability
- MRI-compatible



Rotation Knob



16 mm opening span

Prod. No.	Description	ø –mm	Working length	Clip
EN10400	Haemostasis-Clip	2.6 mm	230 cm	135°
EN10400.16	Haemostasis-Clip	2.6 mm	230 cm	135°

Sales unit: 5 Clip-applicators



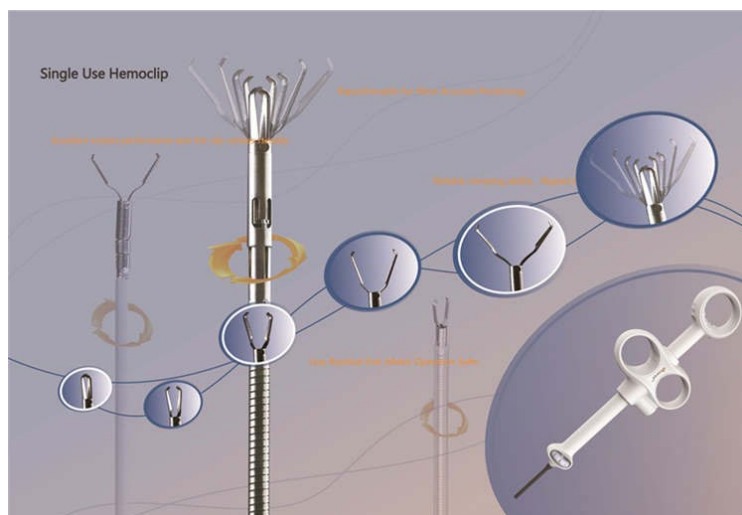
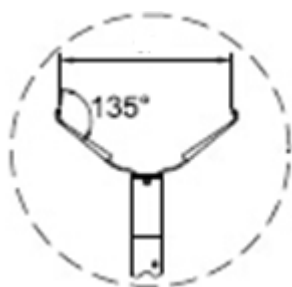
Haemostasis – Clip Safe-Insert™

Rotatable Clip with Safety – Over Tube for Endoscopic Haemostasis

Over tube fully covers the clip and fully protects the PTFE-instruments channel of your endoscopes from micro-scratches. After removal of the safety stopper at the handle the over tube can softly be retracted and frees the clip.

The clip itself is repositionable and can be opened/ closed up to 30 times.

12mm or 15mm



- Repositionable
- Smooth rotatability
- Wide opening span of 135°
- 12mm/or 15 mm arm length
- Fast applicable
- Optimal sliding through the channel due safety over tube covering the clip
- MRI- compatible

Prod. Code	Description	ø –mm:	Length	Clip:
EN10402.12	Haemostasis-Clip safe-insert™	2.6 mm	230 cm	135°/ 12 mm opening span
EN10402.15	Haemostasis-Clip safe-insert™	2.6 mm	230 cm	135°/ 15 mm opening span

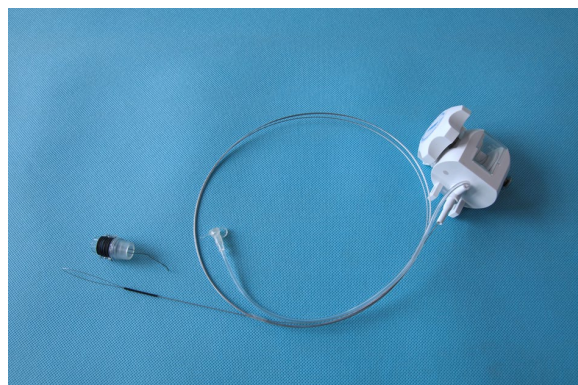
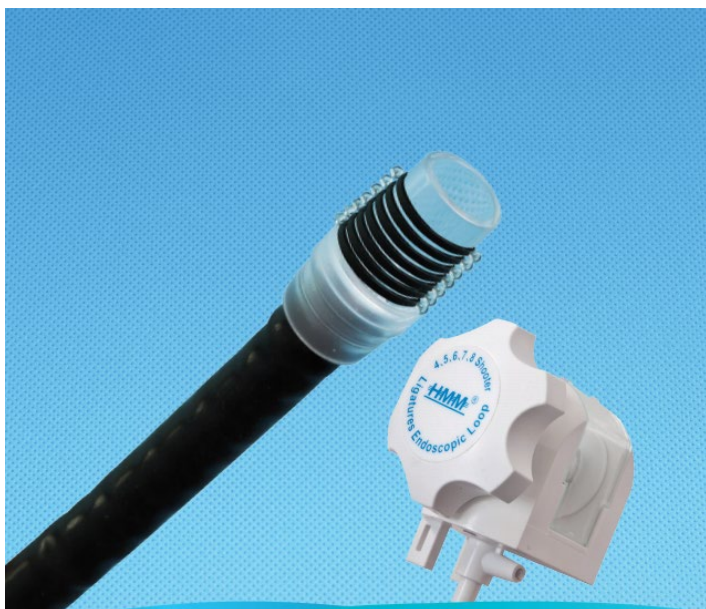
Sales unit: 5 Clip-applicators



Endoscopic Ligature Loop

The endoscopic ligature rings are designed to prevent bleeding during oesophageal procedures as well as therapy for oesophagus varices.

- The release wire is PTFE coated and protects the channel
- Strong natural rubber rings for safe fit



Prod. Code

Description

Sales unit

EN10407

Endoscopic ligature loop with 7 rings.
suitable for endoscope diameters >9.8mm

1 Pack





Endoscopy

Oesophagus Dilation



Disposable Oesophagus Dilators

Dilators in sizes of 5.6.7.8.9.10.11.12.13.14.15.16.17.18.19 and 20mm.
Working length 85cm.



X-ray markers at the tip and after 10.5cm ensure a perfect orientation under x-ray-control.

Length markers in cm for a good insertion.

Compatible to all standard guide wires



Prod. No.	Diameter in mm	Prod.No.	Diameter in mm
EN10851	5	EN10855	13
EN10859	6	EN10863	14
EN10852	7	EN10856	15
EN10860	8	EN10864	16
EN10853	9	EN10857	17
EN10861	10	EN10865	18
EN10854	11	EN10858	19
EN10862	12	EN10866	20





Endoscopy

Guide Wires



Hydrophile Guide Wires (Colour Marked)



- Innovative 3-ply Security-System at the tip for safe position of the hydrophile section
- Special Nitinol-core offers excellent rotatability and pushing
- Super smooth PTFE Panda - coloured coating easy slides through instruments and biopsy channel
- Strong contrast between orange and blue. optimal x-ray-visibility
- Unique tapered tip for easy insertion

Guide Wire. 0.025” Panda Coated Straight Tip. 5 cm



Prod. No.	Diameter ø	Working length	Sales unit
EN10454	0.025“	2600 mm	5 pieces
EN10455	0.025“	4500 mm	5 pieces

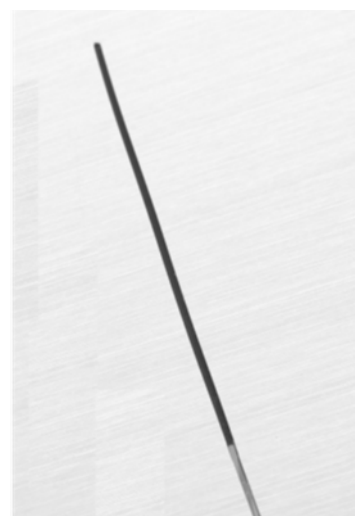


Hydrophile Guide Wires (Colour Marked)

- Innovative 3-ply Security-System at the tip to position the hydrophile safely
- Special Nitinol-core offers excellent rotatability and pushing
- Super smooth PTFE Panda-coloured coating easy slides through instruments and biopsy channel
- Strong contrast between orange and blue. optimal x-ray-visibility
- Unique tapered tip for easy insertion

Guide Wire. 0.035“ Panda Coated Straight Tip. 5 cm

2



Prod. No.	Diameter ø	Working Length	Sales Unit
EN10450	0.035“	4500 mm	5 pieces
EN10452	0.035“	2600 mm	5 pieces

Guide wire. 0.035“ Panda coated pre-shaped tip in J-form. 5 cm

2



Prod. No.	Diameter ø	Working length	Sales Unit
EN10451	0.035“	4500 mm	5 pieces
EN10453	0.035“	2600 mm	5 pieces





Endoscopy

Sphincterotomes



Swinging Sphincterotome™ (Rotatable)

2

3-lumen guidewire sphincterotome with fast exchange system

rotate in both directions



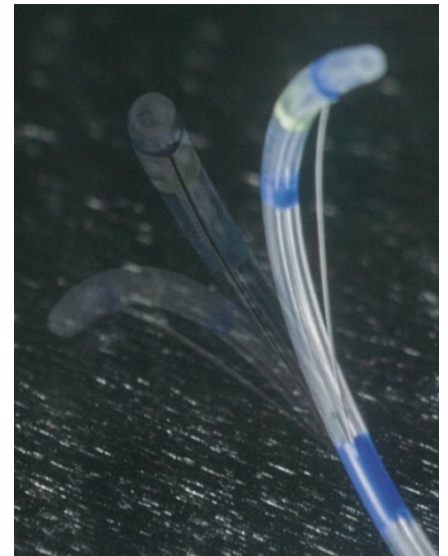
cutting wire channel

contrast media channel

0.035" guide wire channel



Safety handle



Portfolio	tip	wire
Prod.No.	mm	mm
EN 10480	5	20
EN 10481	15	20
EN 10482	5	25
EN 10483	15	25
EN 10484	5	30
EN 10485	15	30

2 mm diameter

2000 mm working length

Sales unit 5 pieces

Needle – sphincterotome (Pre-Cut knife)

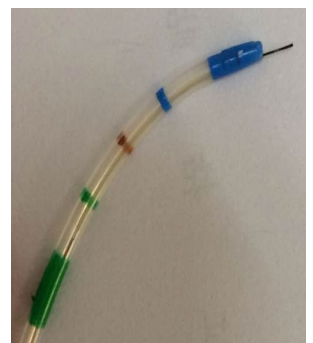
2

3-lumen guide wire Needle-sphincterotome with fast exchange system

Needle channel

Contrast

0.035" Guide wire channel



Prod. No.	Biopsy channel	ø –mm	Working length
EN10488	2.4 mm	2.0 mm	2000 mm

5mm needle

Sales unit: 5 pieces



Triple Lumen - Sphincterotome

3-lumen Guide Wire Sphincterotome

2

movable in both directions



cutting wire channel

contrast media

0.035" guide wire channel



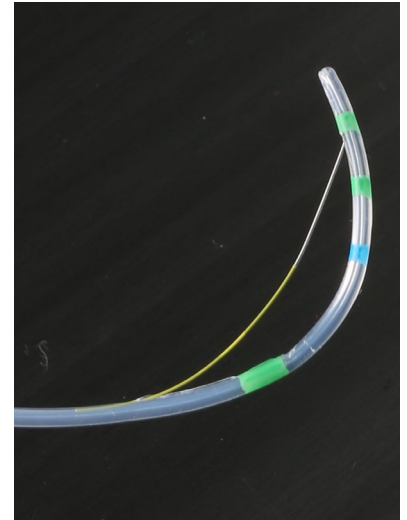
Safety handle

2 mm diameter

11 o'clock pre-shaped

2000 mm working length

Sales Unit 5 pieces



Portfolio	Tip	Wire
Prod. code	mm	mm
EN 10480S	5	20
EN 10481S	15	20
EN 10482S	5	25
EN 10483S	15	25
EN 10484S	5	30
EN 10485S	15	30





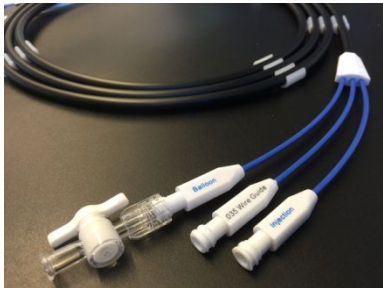
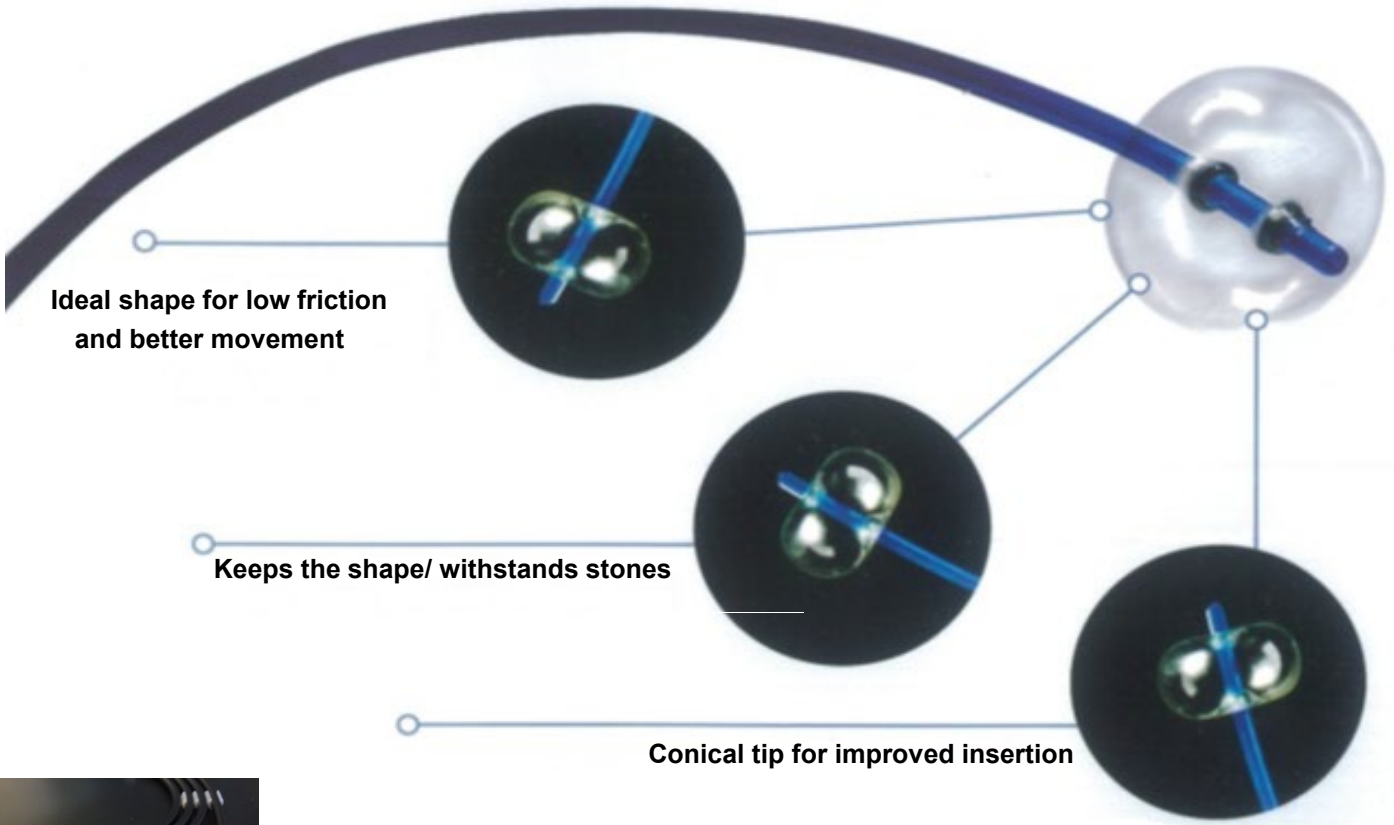
Endoscopy

Stone Extraction



Platoid Stone Extraction Balloon

3-lumen balloon catheter with guide wire fast exchange system



Comfortable ports:

Balloon contrast



0.035" guide wire

Variable balloon diameter in sizes covers the full demand with two products
3 sizes integrated in one balloon for the price of one instrument

Prod. No.	Balloon ø –mm	Biopsy Channel ø –mm	catheter/tip ø –mm	Working length mm	Sales unit: 5 pieces
EN10490	10/12/ 15 mm	2.8 mm	2.3 / 1.7 mm	2000 mm	
EN10491	13/15/18 mm	2.8 mm	2.3 / 1.7 mm	2000 mm	

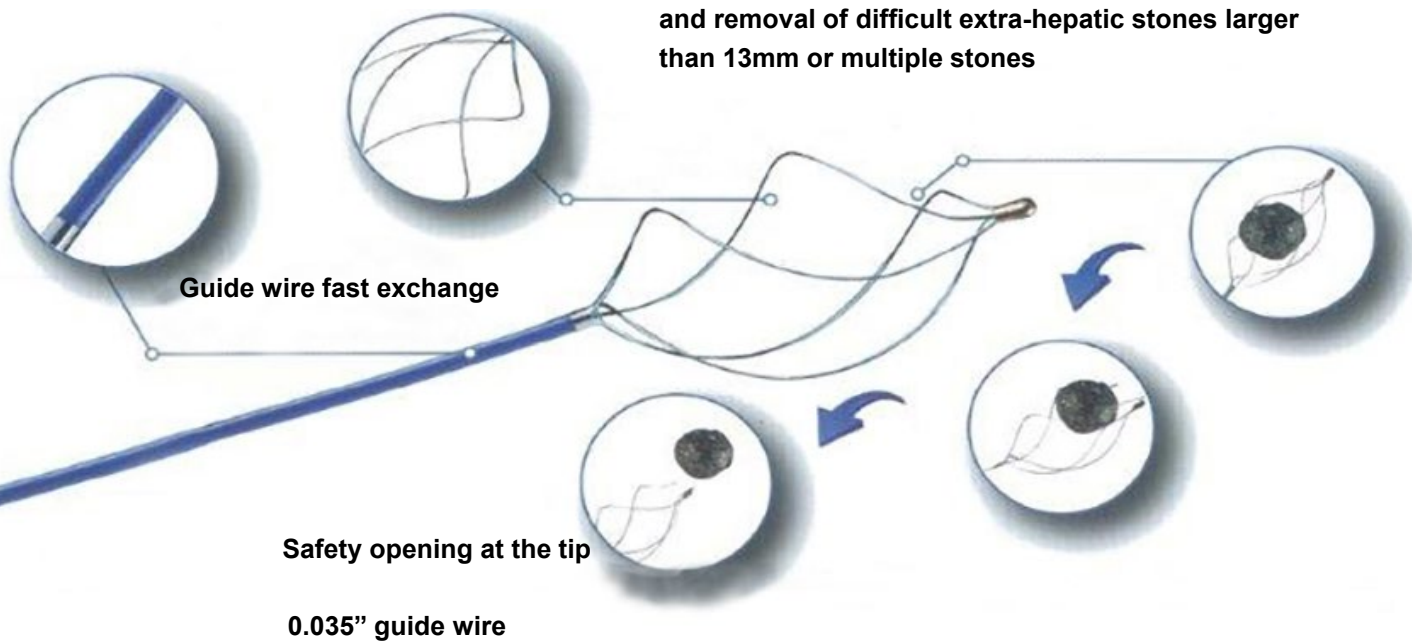


Stone Extraction Basket

2-lumen balloon catheter with guide wire fast exchange system

Safety tip opens if stone can't be crushed softly

Conical tip to improve insertion and removal of difficult extra-hepatic stones larger than 13mm or multiple stones



NOTE: Multi wire stainless steel baskets are suitable for lithotripsy wire channel also for contrast media

Wire type: kink resistant Nitinol wire

Prod.No.	shape	Biopsy channel	Basket		Working length	Sales Unit: 1 piece
			length	∅		
EN10350		3.7 mm	40mm	20mm	1950 mm	2
EN10351		3.7 mm	50mm	25mm	1950 mm	
EN10352		3.7 mm	60mm	30mm	1950 mm	
EN10353		3.7 mm	40mm	20mm	1950 mm	
EN10354		3.7 mm	50mm	25mm	1950 mm	
EN10355		3.7 mm	60mm	30mm	1950 mm	

Wire type: multiple stainless steel wire suitable for lithotripsy

Prod.No.	Shape	Biopsy channel	Basket		Working length	Sales Unit: 1 piece
			length	∅		
EN10356		3.7 mm	40mm	20mm	1950 mm	2
EN10357		3.7 mm	50mm	25mm	1950 mm	
EN10358		3.7 mm	60mm	30mm	1950 mm	





Quicktest

Helicobacter Pylori

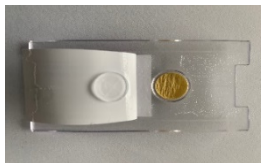
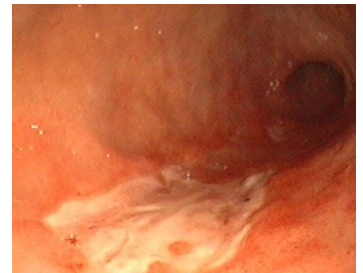


insitucheck HP3

Urease Quicktest for Helicobacter Pylori



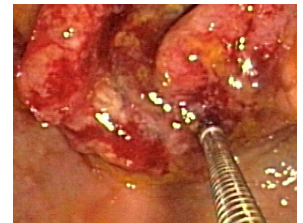
1. Take 2-3 biopsies with your forceps



2. Carefully peel open the test device without removing the film totally until it shows the yellow dot



3. Place tissues on the yellow dot



4. Close the peel off film and push firmly for 1-2 seconds to get the utmost contact



5. Results by colour change in 1 – 15 minutes

Infection's degree	Reactiontime	Discs's color
High >2x10 ⁶ Hp	1-15 min	Amaranth
Medium 10 ⁵ -2x10 ⁶ Hp	5-15 min	Dark pink
Low 2x10 ⁴ -10 ⁵ Hp	5-15 min	Pink

Art. No.
M203

Description:
insitucheck HP3 Quicktest

sales unit
50 pieces

insitucheck HP3
Helicobacter pylori quicktest

● ● ● = positive test
● ● = negative test

Application:
Peel back adhesive cover. Place 2-3 biopsy specimens on the test's yellow disc. Reseal the label over the disc and press firmly the disc's spot with your finger. Results in 1-15 minutes.

Lot: 03/19 REF: M203 05/2021

Distributor: insitumed GmbH, Stöckenhoop 6, 21465 Wentorf, e-mail: info@insitumed.com **IVD** **CE**

Tel: +49 (0) 40 723 747 0 Storage up to 42°C

compact – convenient – reliable – user friendly – safe - inexpensive

non-cooled storage



Transport and Storage of Medical Devices ERCP/Endoscopic Transport Trolleys

5-stack carts (under table)

7-stack carts

7-stack carts with door

All made of stainless steel

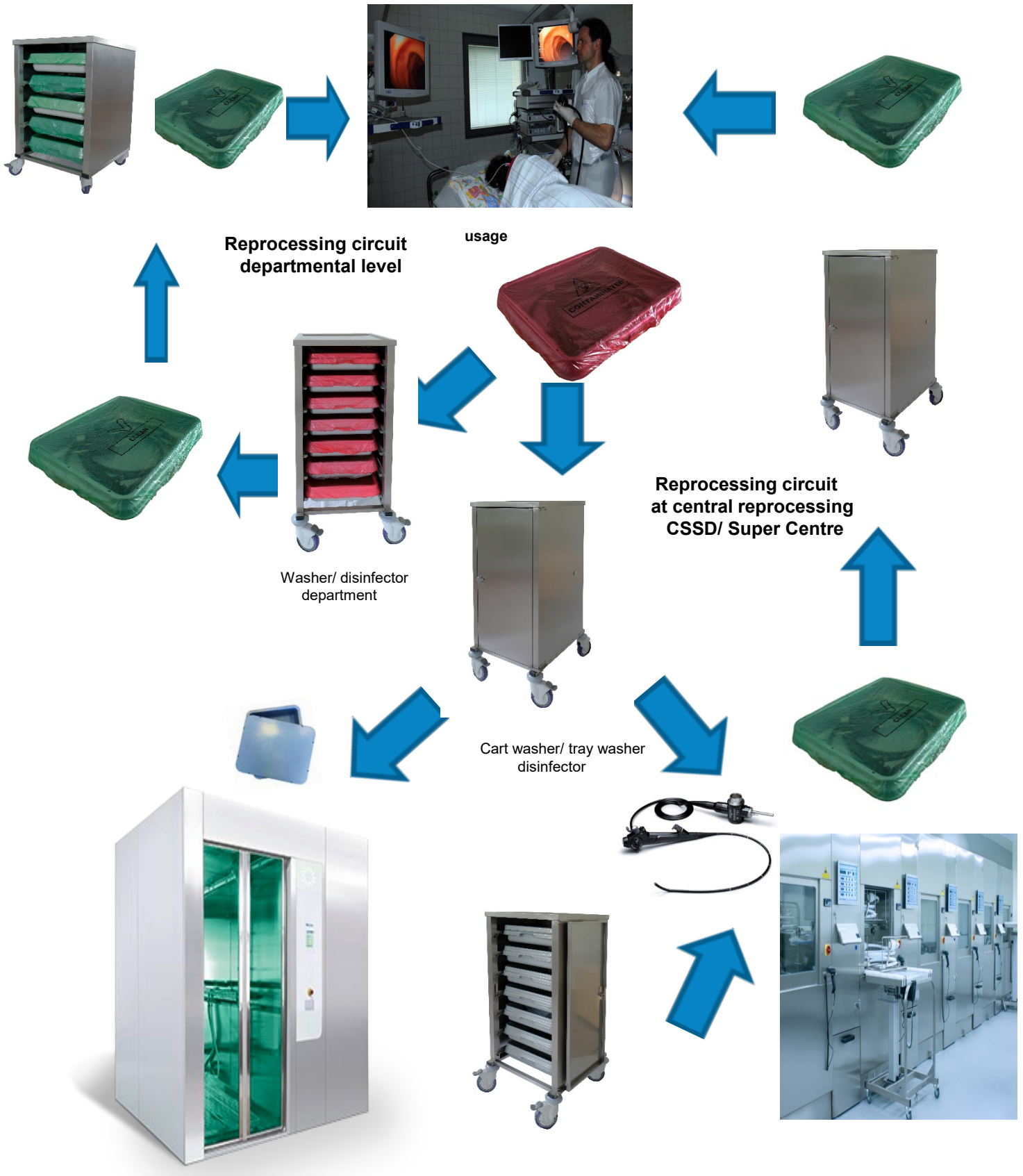
Transport-/ Protection Cover

ERCP/ coloscopy trolleys



Medical Device – Transport Logistics

e.g. Transportation of Flexible Endoscopes



Medical Device Transport Logistics

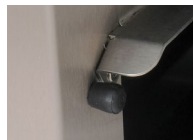
Ideal when space is limited, our compact trolleys are ideal for small departments. All our carts are suitable for manual or cart washer.



If a transfer cart is unsuitable as it's too low we would recommend the compact higher carts for shuttle. 7-tray-cart with or without lockable door.



Small **doorstop** against rattle noise during transportation.



Surface **canted and weltered** safes to keep trays during loading/ unloading in place. The top of all carts looks like a high tech medical cart from surgery departments. All liquids will be kept on the top – nothing will run down or even inside the carts.



Holes inside the door ensure the desired drying results.



Side magnets keep the door in place even during automatic reprocessing.



In term of infection control carts should be placed in a distance from examination rooms. Each cart can carry either clean or unclean medical devices.



Medical Device Transportation Cart

5-tray Transport Cart *Under table-solution. stainless steel*

Our compact cart offers storage up to 5 trays of reprocessed or dirty instruments. It reduces the contact of pathogen germs so the reprocessed endoscope can be carried inside the tray to the patient or stored short term. After usage the medical device can be carried inside the tray for reprocessing.

Our mobile transport system has got 4 small wheels with two brakes. This compact 5-tray cart will find a place even in the smallest department and is suitable for flexible endoscopes. Trays are washable with up to 115°C and fully compatible to the CleanaScope system.



- Safe and easy handling e.g. flexible endoscopes and other sensitive medical equipment
- Stops cross contamination
- Safe storage of reprocessed devices
- Extra protection of delicate devices
- Short time storage
- Safety surface for un-/ loading of trays



Prod. No. Description

103633V4A Compact cart with 5 trays
Stainless steel (V4A) manual and machine washable
Dimension (H x W x D): 800 mm x 520 mm x 570 mm

Accessories:

103614A-P Tray
manual/ machine reprocessable up to 115°C
with side holes. stackable
Dimension (L x W x H): 515 x 415 x 104 mm

103615A-P Lid
manual/ machine reprocessable up to 115°C
with side holes. stackable
Dimension (L x W x H): 512 x 411 x 25 mm



NOTE: Trays are deep enough for ultrasonic video end



Medical Device Transportation Cart

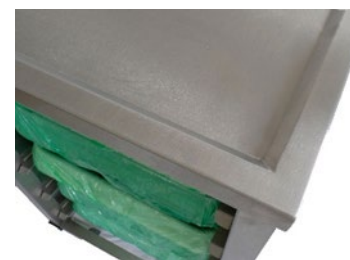
7-Tray Transport Cart *Open Stainless Steel*

Many departments send their carts for reprocessing to CSSD's from time to time. Many CSSD's reprocess even flexible endoscopes and carts centrally: The latest requirements for reprocessable trays and carts in automatic processes will be passed.

Our large and compact cart has got 4 wheels with 2 breakable wheels in the front. Has capacity for 7 trays on a small and compact space. the carts suitable for the transportation and storage of flexible endoscopes.



- Safe and easy handling e.g. flexible endoscopes and other sensitive medical equipment
- Stops cross contamination
- Safe storage of reprocessed devices
- Extra protection of delicate devices
- System integrity to most common mini tray systems
- >> Side rails stop movement of trays to the front
- Safety surface for unloading and loading of trays



Prod. No.

Description

103630V4A

Compact cart. version with 7 trays
stainless steel (V4A) manual and machine washable

Dimension (H x W x D): 1130 mm x 563 mm x 678 mm

Accessories:

103614A-P

Tray
Manual/ machine reprocessable up to 115°C
with side holes. stackable
Dimension (L x W x H): 520 x 408 x 100 mm



103615A-P

Lid
Manual/ machine reprocessable up to 115°C
with side holes. stackable
Dimension (L x W x H): 515 x 405 x 24 mm



NOTE: Trays are deep enough for ultrasonic video endos



Medical Device Transportation Cart

7-Tray Stainless Steel Transport Cart

Many departments send their carts for reprocessing to CSSD's from time to time. Many CSSD's reprocess even flexible endoscopes and carts centrally. The latest requirements for reprocessible trays and carts also in automatic processes will be passed.

Our large and compact cart has got 4 wheels with 2 breakable wheels in the front. With a capacity of 7 trays on a small and compact space. the carts suitable for the transportation and storage of flexible endoscopes.



- Safe and easy handling e.g. flexible endoscopes and other sensitive medical equipment
- Stops cross contamination
- Safe storage of reprocessed devices
- Extra protection of delicate devices
- System integrity to most common mini tray systems
- Side rails stop movement of trays to the front
- Safety surface for unloading and loading of trays
- Safety doorknob for seal/ door lock



Prod. No.	Description
103630V4AT	compact cart. version with 7 trays stainless steel (V4A) manual and machine washable
	Dimension (H x W x D): 1130 mm x 563 mm x 678 mm

Accessories:

103614A-P	Tray manual/ machine reprocessible up to 115°C with side holes. stackable Dimension (L x W x H): 520 x 408 x 100 mm
103615A-P	Lid manual/ machine reprocessible up to 115°C with side holes. stackable Dimension (L x W x H): 515 x 405 x 24 mm



NOTE: Trays are deep enough for ultrasonic video endoscopes!



ENDO-LINER

ENDO-LINER® Films for logistics

suitable for many endoscope transport cart with mini tray

e.g. Scope:Porter mini. Becker. insitumed and CleanaScope compatible

Transportation-/ Protective Films

Coloured liners show the condition of the medical device in its tray e.g. green for reprocessed endoscopes and red as an indication of the situation of the load inside the trays.

Liners protect all surfaces of a clean tray from contaminations.

Plastic film pouches are also suitable to be used as a pouch in larger trays.

Insitumed offers a big choice of films. which are known world wide and fit on all mini trays on the market. You will be surprised about the pricing.

Our ENDO-LINER® Film package includes:

- Clear pouch carries the full tray inside and can be closed with build in adhesive
- Additional film for small parts
- Green and red film cover with integrated rubber fits safe on top of the load
- Sterilised for unsterile usage inside a tray
- More compact package in dispenser boxes – no wall mount necessary

Prod. No. Description:

103580L Sterile ENDO - LINER© - Protective Film kit
clear film pouch wrap the full tray; additional
transparent film for small parts. green and red film
for optical control of the load (clean/unclean).
compact dispenser box with 50 packs.
easy open function 17.5x12x35 cm
Transport box with 4x50 single packed ENDO - LINER©



ENDO-LINER

User manual Endo - Liner ©

Endo – Liner protects the prepared endoscopes against contamination (particles, micro-biologic contamination) until use. Patients, users and third parties are protected against biological contaminations due to used endoscopes on their way to the CSSD etc. to make a clear distinction between disinfected endoscopes and contaminated ones. Endo – Liner is made up of two separated folio bags. Green for cleaned endoscopes – red for contaminated ones.

The usage is described illustrated as follows:

Open up the package of the Endo – Liner and take note of the illustrated brief instruction.

Open up the transparent film bag and slide in the complete tray. Close the bag with the adhesive strip. Every critical point of the tray is now completely Enclosed. Even the side handles.



Put the **prepared endoscope** into the cleaned and disinfected tray.

Please insert the red film to the endoscope within the transport bag and Cover the whole tray with the green cover completely.



The endoscope is now ready for the transport and can be put back to the transport trolley with the prepared endoscopes (separation clean/ unclean).

After using the endoscope:

The used and contaminated endoscopes will be put into the Endo-Liner tray as shown.



First of take out the red film out of the tray and put it to a clean surface. Now put in the contaminated endoscope on the transparent film and cover the complete tray with the red film.

The red covered tray is now ready to be transported back in the intended trolley (separation clean/ unclean).



The green film can be rejected. as well as the transparent and the red one lately.





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