

<b>ERCP</b> .....	<b>5</b>
<b>POLYPECTOMY</b> .....	<b>33</b>
<b>BIOPSY</b> .....	<b>59</b>
<b>FOREIGN BODY</b> .....	<b>65</b>
<b>HEMOSTASIS</b> .....	<b>73</b>
<b>DILATION</b> .....	<b>81</b>
<b>STENTS</b> .....	<b>85</b>
<b>BALLOON-ENTEROSCOPY</b> .....	<b>89</b>
<b>ACCESSORIES</b> .....	<b>97</b>





# ERCP

AXS\_tome+    AXS\_tome    easycure    GPS Wire    twist'n'CATCH    ROCKSTAR    rotaCRUSH    KENA

Sphincterotomes	6	Stone Extraction Baskets	16
Guide Wire Fixation	12	Lithotripter Baskets	20
ERCP-Cannulas	12	Plastic Stents	23
Guide Wires	13	Dilation Balloons	31
Stone Extraction Balloons	15		



## Sphincterotomes

Smooth cannulation performance by Micro-Tip<sup>+</sup>-Design

Precise tip control

Safe guide wire exchange

# AXS\_tome<sup>+</sup>

### When precision matters most

AXS\_tome<sup>+</sup> offers you reliable orientation as well as soft and gentle probing thanks to its improved Micro-Tip<sup>+</sup> design.

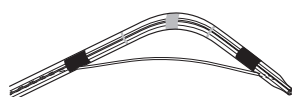
A user-friendly short wire port and optimized X-ray visibility make AXS\_tome<sup>+</sup> the ultimate in safe and efficient handling.

## AXS\_tome<sup>+</sup> Sphincterotomes (3 lumen)



Product Code	Characteristics	Cutting Length	Tip ø   Length	Accepted Guide Wire	ø Working Channel	Unit
PAP1-D7-20-35	Micro-Tip <sup>+</sup> , CWT	20 mm	4,2 Fr   5 mm	.035"	2,8 mm	5
PAP1-D7-25-35	Micro-Tip <sup>+</sup> , CWT	25 mm	4,2 Fr   5 mm	.035"	2,8 mm	5
PAP1-D7-30-35	Micro-Tip <sup>+</sup> , CWT	30 mm	4,2 Fr   5 mm	.035"	2,8 mm	5
PAP1-D8-20-35	Micro-Tip <sup>+</sup> , monofil, rotatable	20 mm	4,2 Fr   5 mm	.035"	2,8 mm	5
PAP1-D8-25-35	Micro-Tip <sup>+</sup> , monofil, rotatable	25 mm	4,2 Fr   5 mm	.035"	2,8 mm	5
PAP1-D8-30-35	Micro-Tip <sup>+</sup> , monofil, rotatable	30 mm	4,2 Fr   5 mm	.035"	2,8 mm	5
PAP1-P8-25-35	Micro-Tip <sup>+</sup> , monofil, insulated cutting wire (ProCut), rotatable	12,5   12,5 mm proximal insulated	4,2 Fr   5 mm	.035"	2,8 mm	5
PAP1-P8-30-35	Micro-Tip <sup>+</sup> , monofil, insulated cutting wire (ProCut), rotatable	15   15 mm proximal insulated	4,2 Fr   5 mm	.035"	2,8 mm	5

## AXS\_tome<sup>+</sup> Sphincterotomes for **easyGure**<sup>®</sup> (3 lumen)



Product Code	Characteristics	Cutting Length	Tip ø   Length	Accepted Guide Wire	ø Working Channel	Unit
PAP1-Q7-20-35	Micro-Tip <sup>+</sup> , CWT	20 mm	4,2 Fr   5 mm	.035"	3,8 mm	5
PAP1-Q7-25-35	Micro-Tip <sup>+</sup> , CWT	25 mm	4,2 Fr   5 mm	.035"	3,8 mm	5
PAP1-Q7-30-35	Micro-Tip <sup>+</sup> , CWT	30 mm	4,2 Fr   5 mm	.035"	3,8 mm	5
PAP1-S8-20-35	Micro-Tip <sup>+</sup> , monofil, rotatable	20 mm	4,2 Fr   5 mm	.035"	3,8 mm	5
PAP1-S8-25-35	Micro-Tip <sup>+</sup> , monofil, rotatable	25 mm	4,2 Fr   5 mm	.035"	3,8 mm	5
PAP1-S8-30-35	Micro-Tip <sup>+</sup> , monofil, rotatable	30 mm	4,2 Fr   5 mm	.035"	3,8 mm	5
PAP1-T8-25-35	Micro-Tip <sup>+</sup> , monofil, insulated cutting wire (ProCut), rotatable	12,5   12,5 mm proximal insulated	4,2 Fr   5 mm	.035"	3,8 mm	5
PAP1-T8-30-35	Micro-Tip <sup>+</sup> , monofil, insulated cutting wire (ProCut), rotatable	15   15 mm proximal insulated	4,2 Fr   5 mm	.035"	3,8 mm	5



## Sphincterotomes

Gentle probing  
due to micro-tip design

Anatomical 3-D orientation

Precision control

## AXS\_tome


### Conservative and safe approach

Our multi-stage catheter ensures stability during probing. Precision control of the catheter and reliable 11 o'clock orientation facilitate a conservative biliary approach.

Owing to a smooth guide wire transition to the micro-tip it is possible to minimise tissue irritation and reduce the risk of complications.





## Preloaded **AXS\_tome** Sphincterotomes (3 Lumen) with **GPS Wire**



Product Code	Characteristics	Cutting Length	Tip ø   Length	Accepted Guide Wire	Length	ø Working Channel	Unit
PAP1-X7-25-35-450-OL	Micro-Tip, CWT, preloaded <b>GPS Wire</b>	25 mm	4,2 Fr   5 mm	.035"   450 cm	200 cm	2,8 mm	5
PAP1-X8-30-35-260-OL	Micro-Tip, monofil, preloaded <b>GPS Wire</b> , for short and long wire technique	30 mm	4,2 Fr   5 mm	.035"   260 cm	200 cm	3,8 mm	5
PAP1-X8-30-35-450-OL	Micro-Tip, monofil, preloaded <b>GPS Wire</b>	30 mm	4,2 Fr   5 mm	.035"   450 cm	200 cm	2,8 mm	5

## **AXS\_tome** Sphincterotomes (3 Lumen)


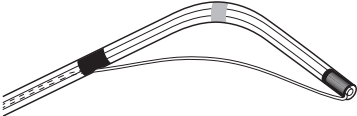

Product Code	Characteristics	Cutting Length	Tip ø   Length	Accepted Guide Wire	Length	ø Working Channel	Unit
PAP1-C7-20-35-OL	Micro-Tip, CWT	20 mm	4,2 Fr   5 mm	.035"	200 cm	2,8 mm	5
PAP1-C7-25-35-OL	Micro-Tip, CWT	25 mm	4,2 Fr   5 mm	.035"	200 cm	2,8 mm	5
PAP1-C7-30-35-OL	Micro-Tip, CWT	30 mm	4,2 Fr   5 mm	.035"	200 cm	2,8 mm	5
PAP1-C8-20-35-OL	Micro-Tip, monofil	20 mm	4,2 Fr   5 mm	.035"	200 cm	2,8 mm	5
PAP1-C8-25-35-OL	Micro-Tip, monofil	25 mm	4,2 Fr   5 mm	.035"	200 cm	2,8 mm	5
PAP1-C8-30-35-OL	Micro-Tip, monofil	30 mm	4,2 Fr   5 mm	.035"	200 cm	2,8 mm	5
PAP1-F8-25-35-OL	Micro-Tip, monofil, insulated cutting wire (ProCut)	12,5   12,5 mm proximal insulated	4,2 Fr   5 mm	.035"	200 cm	2,8 mm	5
PAP1-F8-30-35-OL	Micro-Tip, monofil, insulated cutting wire (ProCut)	15   15 mm proximal insulated	4,2 Fr   5 mm	.035"	200 cm	2,8 mm	5

### Compacted Wire Technology (CWT)

Compacted Wire Technology combines the benefits of a monofilament cutting wire with those of a braided cutting wire:

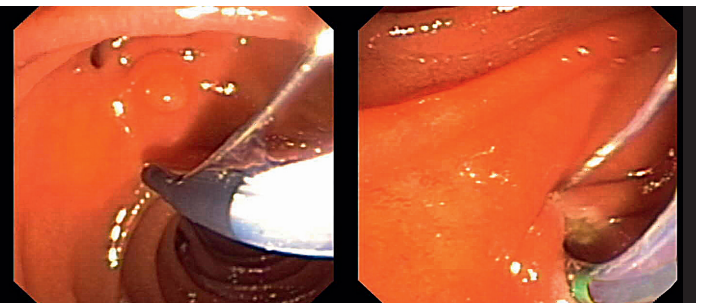
- ✓ High energy density for a clean cut
- ✓ Low thermal input due to the CWT structure
- ✓ Precision-control exploration

## AXS\_tome Sphincterotomes (2 Lumen)

	Product Code	Characteristics	Cutting Length	Accepted Guide Wire	Length	ø Working Channel	Unit
	PAP1-C2-20-35-0L	Micro-Tip, CWT	20 mm	.035"	200 cm	2,8 mm	5
	PAP1-C2-25-35-0L	Micro-Tip, CWT	25 mm	.035"	200 cm	2,8 mm	5
	PAP1-C2-30-35-0L	Micro-Tip, CWT	30 mm	.035"	200 cm	2,8 mm	5
	PAP1-C5-20-35-0L	Micro-Tip, monofil	20 mm	.035"	200 cm	2,8 mm	5
	PAP1-C5-30-35-0L	Micro-Tip, monofil	30 mm	.035"	200 cm	2,8 mm	5
	PAP1-D2-30-21-0L	Micro-Tip, CWT, Balloon Enteroscopy	30 mm	.021"	260 cm	2,0 mm	2
	PAP1-A2-20-35-0L	Precut, CWT	20 mm	.035"	200 cm	2,8 mm	5
	PAP1-K2-06-35-0L	Needle	6 mm	.035"	200 cm	2,8 mm	5
	PAP1-M2-20-35-0L	B II, CWT	20 mm	.035"	200 cm	2,8 mm	2
	PAP1-N2-20-21-0L	B II, CWT, Balloon Enteroscopy	20 mm	.021"	260 cm	2,0 mm	2

### Anatomical 3-D orientation

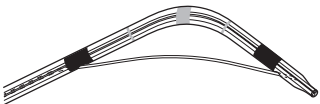



Based on systematic 11 o'clock orientation the AXS\_tome sphincterotomes also follow the left frontal anatomy of the distal choledochus.





## AXS\_tome Sphincterotomes for **easycure**® (Short and long wire | 3 Lumen)



	Product Code	Characteristics	Cutting Length	Tip ø   Length	Accepted Guide Wire	Length	ø Working Channel	Unit
	PAP1-C7-20-E35-OL	Micro-Tip, CWT	20 mm	4,2 Fr   5 mm	.035" ≥ 200 cm	200 cm	3,8 mm	5
	PAP1-C7-30-E35-OL	Micro-Tip, CWT	30 mm	4,2 Fr   5 mm	.035" ≥ 200 cm	200 cm	3,8 mm	5
	PAP1-C8-20-E35-OL	Micro-Tip, monofil	20 mm	4,2 Fr   5 mm	.035" ≥ 200 cm	200 cm	3,8 mm	5
	PAP1-C8-30-E35-OL	Micro-Tip, monofil	30 mm	4,2 Fr   5 mm	.035" ≥ 200 cm	200 cm	3,8 mm	5
	PAP1-F8-30-E35-OL	Micro-Tip, monofil, insulated cutting wire (ProCut)	15   15 mm proximal insulated	4,2 Fr   5 mm	.035" ≥ 200 cm	200 cm	3,8 mm	5
	PAP1-K8-06-E35-OL	Nadel	6 mm	-	.035" ≥ 200 cm	200 cm	3,8 mm	5
	PAP1-X8-30-35-260-OL	Micro-Tip, monofil, preloaded GPS Wire	30 mm	4,2 Fr   5 mm	.035" 260 cm	200 cm	3,8 mm	5

**easycure**®: the platform with which your options increase

Where other systems tend to restrict you, easycure offers extra options for ERCP. No matter whether it is a question of short or long-wire systems, the decision is yours. All the instruments are designed in such a way as to allow direct guide wire securement, either on the biopsy inlet channel or using an Albarraan lever.



# ERCPC

## easyCure®-Guide wire fixation



Product Code	Order No.	Characteristics	Unit
SPE1-Y7	501925	Guide wire fixation (instrument fork), for Olympus and Fujinon (from G5 series on)	5

## ERCPC-Cannulas



	Product Code	Characteristics	Length	Accepted Guide Wire	ø Working Channel	Unit
	CAN1-A3-18-200-35	Standard, 1 lumen, radiopaque marking	200 cm	.035"	2,0 mm	10
	CAN1-A5-18-200-35	Filiform, 1 lumen, radiopaque marking	200 cm	.035"	2,0 mm	10
	CAN1-A6-18-200-35	Filiform, guide wire port, 1 lumen, radiopaque marking, tapered (2,3   1,8 mm)	200 cm	.035"	2,8 mm	10
	CAN1-B3-18-200-35	Filiform, 1 lumen, radiopaque marking	200 cm	.035"	2,0 mm	10
	CAN1-B3-18-260-35	Filiform, 1 lumen, radiopaque marking, Balloon Enteroscopy	260 cm	.035"	2,0 mm	2
	CAN1-B4-18-200-35	Filiform, 2 lumen, radiopaque marking, tapered (2,3   1,8 mm)	200 cm	.035"	2,8 mm	10
	CAN1-B4-18-200-E35	Filiform, 2 lumen, radiopaque marking, for short and long wire technique, tapered (2,3   1,8 mm)	200 cm	.035" ≥ 200 cm	3,2 mm	2
	CAN1-D5-18-200-35	Bottle neck, 1 lumen, metal tip	200 cm	.035"	2,0 mm	10



## Guide wires

Precise exploration

Stable instrument guidance

Smooth transition between tip and coating

## GPS Wire

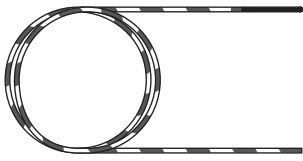
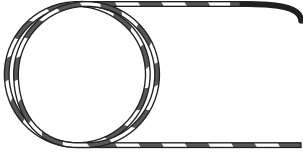
### Arrive safely

The atraumatic tip of the GI Probing Scout ensures conservative exploration. The sturdy sheath reliably guides therapy instruments to their destination. A smooth transition

between the hydrophilic tip and the coating enhances the precision control of your instruments. In addition, handling is facilitated by the newly designed insertion aid.

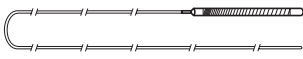

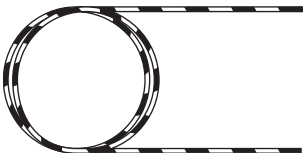

## GPS Wire Guide wires with hydrophilic tip



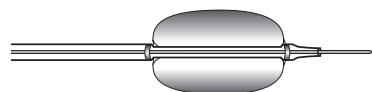
	Product Code	Characteristics	Diameter	Length	Unit
	WIR1-S6-35-260	Straight, Nitinol, insulated, green/white	.035"	260 cm	5
	WIR1-S6-35-450	Straight, Nitinol, insulated, green/white	.035"	450 cm	5
	WIR1-J6-35-260	J-tip, Nitinol, insulated, green/white	.035"	260 cm	5
	WIR1-J6-35-450	J-tip, Nitinol, insulated, green/white	.035"	450 cm	5

## Guide wires



	Product Code	Characteristics	Diameter	Length	Unit
	WIR1-E1-72-260	Straight, steel, flexible tip, Eder-Püstow	.072"	260 cm	2
	WIR1-F1-18-400	Straight, Nitinol, coated	.018"	400 cm	2
	WIR1-F1-21-400	Straight, Nitinol, coated	.021"	400 cm	2
	WIR1-F1-21-500	Straight, Nitinol, coated	.021"	500 cm	2
	WIR1-F5-25-400	Straight, Nitinol, insulated, black/white	.025"	400 cm	2
	WIR1-F5-35-400	Straight, Nitinol, insulated, black/white	.035"	400 cm	2
	WIR1-F7-35-260	Straight, Nitinol, coated, extra stiff	.035"	260 cm	2
	WIR1-F7-35-400	Straight, Nitinol, coated, extra stiff	.035"	400 cm	2

## Stone extraction balloons



Product Code	Characteristics	ø Balloon	Length	Accepted Guide Wire	ø Working Channel	Unit
BAL1-B2-16-75-200-35	Distal radiopaque marking, 2 lumen, tapered (7   5 Fr)	16 mm	200 cm	.035"	2,8 mm	5
BAL1-C2-16-07-200-35	Distal radiopaque marking, 2 lumen	16 mm	200 cm	.035"	2,8 mm	5
BAL1-C3-18-07-200-35	Distal radiopaque marking, 3 lumen	16 mm	200 cm	.035"	2,8 mm	5
BAL1-C3-18-07-200E35	Distal radiopaque marking, tapered, 3 lumen, for short and long wire technique	16 mm	200 cm	.035" ≥ 200 cm	3,2 mm	2

# ERCP



Maximum expansion force

Precision control by rotary motion

Infinite adjustment of basket size

## twist'n'CATCH

### Collects and retains what it is supposed to

The impressive expansion force and precise control of the basket allow swift capture of stones. Infinite adjustment of basket

diameter permits highly flexible use. As a result, gallstones can be retrieved reliably.

## twist 'n' CATCH-Stone extraction baskets



	Product Code	Characteristics	ø Basket	Length	Accepted Guide Wire	ø Working Channel	Unit
	BAS1-K2-25-23-200	Spherical, 130° rotation	35 mm	200 cm	-	2,8 mm	5
	BAS1-K3-35-28-200	Spherical, 130° rotation, for short and long wire technique	35 mm	200 cm	.035" ≥ 200 cm	3,2 mm	5

ATTENTION: medwork products of the BAS series are perfectly suited for use with other system products in this series. Please note that when combined with products / instruments from other manufacturers substantial functional limitations may occur. A liability of medwork for such cases is excluded.

For guide wires  $\geq 200^*$

Maximum expansion power

\*Figure: BAS1-K3-35-28-200

# ERCP



## The right tool for every situation

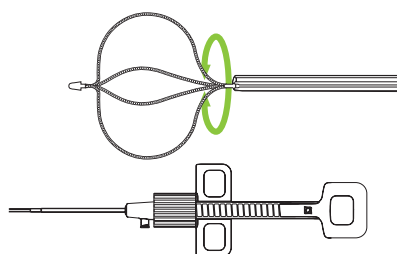
No matter how large the ,rock' may be, Rockstar is fearless: with the new stone remover for lithotripsy you are ideally equipped for retrieving gallstones.

The guide wire lumen enables you to reach the location of the stone reliably. The innovative operating concept allows intuitive pulverisation of concretions if necessary.

## ROCKSTAR Lithotriptor stone extraction basket



Product Code	Characteristics	ø Basket	Length	Accepted Guide Wire	ø Working Channel	Unit
BAS3-K2-35-35-200	twist'n'CATCH-Basket, integrated lithotripsy function	35 mm	200 cm	.035"	4,2 mm	2



ATTENTION: medwork products of the BAS series are perfectly suited for use with other system products in this series. Please note that when combined with products / instruments from other manufacturers substantial functional limitations may occur. A liability of medwork for such cases is excluded.



## Stone extraction baskets



	Product Code	Characteristics	ø Basket	Length	ø Working Channel	Unit
	BAS1-A2-20-23-200	Hexagonal	20 mm	200 cm	2,8 mm	5
	BAS1-A2-25-23-200	Hexagonal	25 mm	200 cm	2,8 mm	5
	BAS1-A2-30-23-200	Hexagonal	30 mm	200 cm	2,8 mm	5
	BAS1-A2-35-23-200	Hexagonal	35 mm	200 cm	2,8 mm	5
	BAS1-C1-20-18-260	Half twisted, Balloon Enteroscopy	20 mm	260 cm	2,0 mm	2
	BAS1-C2-25-23-260	Half twisted, Balloon Enteroscopy	25 mm	260 cm	2,8 mm	2

ATTENTION: medwork products of the BAS series are perfectly suited for use with other system products in this series. Please note that when combined with products / instruments from other manufacturers substantial functional limitations may occur. A liability of medwork for such cases is excluded.

## Stone extraction baskets (Reusable)

134°C

	Product Code	Characteristics	ø Basket	Length	ø Working Channel	Unit
	<b>twist'n' CATCH</b> BAS2-K2-25-23-200	Spherical, 130° rotation	35 mm	200 cm	2,8 mm	1
	BAS2-A2-25-23-200	Hexagonal	25 mm	200 cm	2,8 mm	1
	BAS2-A2-30-23-200	Hexagonal	30 mm	200 cm	2,8 mm	1
	BAS2-C1-15-18-200	Half twisted	15 mm	200 cm	2,0 mm	1

ATTENTION: medwork products of the BAS series are perfectly suited for use with other system products in this series. Please note that when combined with products / instruments from other manufacturers substantial functional limitations may occur. A liability of medwork for such cases is excluded.

# ERCP



## The lithotripter for tough cases

Ready to use immediately without assembly. With the proven twist'n'CATCH basket you capture stones quickly and reliably. The crown head design of the metal coil ensures precision

force transmission to the stone and protects against basket detachment. The handle offers an integrated, additional Power<sup>2</sup> function for really tough cases.

## rotaCRUSH Lithotripter



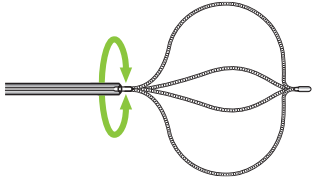
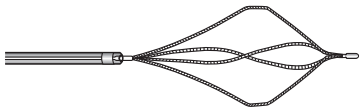
	Product Code	Characteristics	ø Basket	Length	ø Working Channel	Unit
	LIT3-K2-30-35-200	twist'n'CATCH-Basket, integrated catheter, spiral spring, handle	35 mm	200 cm	3,8 mm	1



ATTENTION: medwork products of the LIT series are perfectly suited for use with other system products in this series. Please note that when combined with products / instruments from other manufacturers substantial functional limitations may occur. A liability of medwork for such cases is excluded.

## Lithotripter baskets

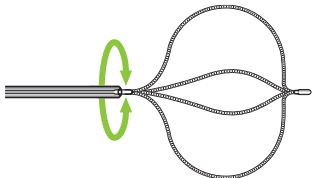
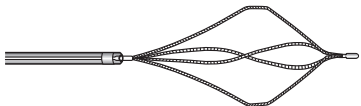


	Product Code	Characteristics	ø Basket	Length	ø Working Channel	Unit
	<b>twist'n' CATCH</b> LIT1-K2-25-23-200	Spherical, 130° rotation	35 mm	200   400 cm	2,8 mm	2
	LIT1-C3-20-23-200	Half twisted	20 mm	200   400 cm	2,8 mm	2
	LIT1-C3-25-23-200	Half twisted	25 mm	200   400 cm	2,8 mm	2
	LIT1-C3-30-23-200	Half twisted	30 mm	200   400 cm	2,8 mm	2
	LIT1-C3-35-23-200	Half twisted	35 mm	200   400 cm	2,8 mm	2

ATTENTION: medwork products of the LIT series are perfectly suited for use with other system products in this series. Please note that when combined with products / instruments from other manufacturers substantial functional limitations may occur. A liability of medwork for such cases is excluded.

## Lithotripter baskets (Reusable)

134°C

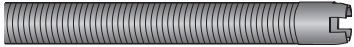
	Product Code	Characteristics	ø Basket	Length	ø Working Channel	Unit
	<b>twist'n' CATCH</b> LIT2-K2-25-23-200	Spherical, 130° rotation	35 mm	200   400 cm	2,8 mm	1
	LIT2-C1-15-18-200	Half twisted	15 mm	200   400 cm	2,0 mm	1
	LIT2-C3-20-23-200	Half twisted	20 mm	200   400 cm	2,8 mm	1
	LIT2-C3-25-23-200	Half twisted	25 mm	200   400 cm	2,8 mm	1
	LIT2-C3-30-23-200	Half twisted	30 mm	200   400 cm	2,8 mm	1
	LIT2-C3-35-23-200	Half twisted	35 mm	200   400 cm	2,8 mm	1

ATTENTION: medwork products of the LIT series are perfectly suited for use with other system products in this series. Please note that when combined with products / instruments from other manufacturers substantial functional limitations may occur. A liability of medwork for such cases is excluded.

# ERCPC

## Lithotriptor springs




	Product Code	Characteristics	Length	∅ Working Channel	Unit
	LIT1-G4-26-185	Spiral spring, transendoscopic, bile duct	185 cm	2,8 mm	2
	LIT1-N4-38-090	Spiral spring, emergency, bile duct	90 cm	-	2

ATTENTION: medwork products of the LIT series are perfectly suited for use with other system products in this series. Please note that when combined with products / instruments from other manufacturers substantial functional limitations may occur. A liability of medwork for such cases is excluded.

## Handle (Reusable)

134°C

	Product Code	Characteristics	Unit
	LIT2-D-HAN	Handle, pull through technique	1

ATTENTION: medwork products of the LIT series are perfectly suited for use with other system products in this series. Please note that when combined with products / instruments from other manufacturers substantial functional limitations may occur. A liability of medwork for such cases is excluded.



#flowing

Infinitely adjustable guide catheter length

Precise placement of prosthesis  
through accurate force transmission

The placement system: One-for-All

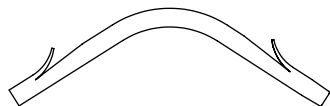
## KENA

### Harmonically combined

Inspired by the music, tuned to the finest detail: the new Kena series allows simple and precise placement of the prosthesis as a result of the excellent interplay between bending strength and flexibility.

Even multi-stenting with different prosthetic diameters (8.5 and 10 Fr), including repositioning, is extremely efficient with the One-for-All placement system.

## KENA-Biliary stents (2 Flaps, centre bend)



Product Code	Color	Diameter	Length between flaps	Total Length	Unit
PR01-C2-07-05	Grey	7 Fr	5 cm	6,5 cm	1
PR01-C2-07-07	Grey	7 Fr	7 cm	8,5 cm	1
PR01-C2-07-09	Grey	7 Fr	9 cm	10,5 cm	1
PR01-C2-07-11	Grey	7 Fr	11 cm	12,5 cm	1
PR01-C2-07-13	Grey	7 Fr	13 cm	14,5 cm	1
PR01-C2-07-15	Grey	7 Fr	15 cm	16,5 cm	1
PR01-C2-07-17	Grey	7 Fr	17 cm	18,5 cm	1
PR01-C2-07-19	Grey	7 Fr	19 cm	20,5 cm	1
PR01-C2-08-05	Green	8.5 Fr	5 cm	6,5 cm	1
PR01-C2-08-07	Green	8.5 Fr	7 cm	8,5 cm	1
PR01-C2-08-09	Green	8.5 Fr	9 cm	10,5 cm	1
PR01-C2-08-11	Green	8.5 Fr	11 cm	12,5 cm	1
PR01-C2-08-13	Green	8.5 Fr	13 cm	14,5 cm	1
PR01-C2-08-15	Green	8.5 Fr	15 cm	16,5 cm	1
PR01-C2-08-17	Green	8.5 Fr	17 cm	18,5 cm	1
PR01-C2-08-19	Green	8.5 Fr	19 cm	20,5 cm	1
PR01-C2-10-05	Blue	10 Fr	5 cm	6,5 cm	1
PR01-C2-10-06	Blue	10 Fr	6 cm	7,5 cm	1
PR01-C2-10-07	Blue	10 Fr	7 cm	8,5 cm	1
PR01-C2-10-08	Blue	10 Fr	8 cm	9,5 cm	1
PR01-C2-10-09	Blue	10 Fr	9 cm	10,5 cm	1
PR01-C2-10-10	Blue	10 Fr	10 cm	11,5 cm	1
PR01-C2-10-11	Blue	10 Fr	11 cm	12,5 cm	1
PR01-C2-10-12	Blue	10 Fr	12 cm	13,5 cm	1
PR01-C2-10-13	Blue	10 Fr	13 cm	14,5 cm	1
PR01-C2-10-14	Blue	10 Fr	14 cm	15,5 cm	1
PR01-C2-10-15	Blue	10 Fr	15 cm	16,5 cm	1
PR01-C2-10-17	Blue	10 Fr	17 cm	18,5 cm	1
PR01-C2-10-19	Blue	10 Fr	19 cm	20,5 cm	1

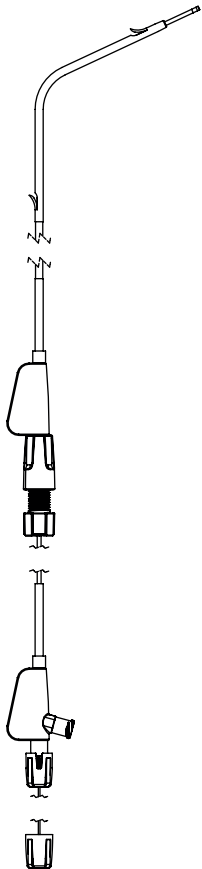
## KENA-Biliary stents (2 Flaps, proximal bend)



	Product Code	Color	Diameter	Length between flaps	Total Length	Unit
	PR01-T2-07-05	Grey	7 Fr	5 cm	6,5 cm	1
	PR01-T2-07-07	Grey	7 Fr	7 cm	8,5 cm	1
	PR01-T2-07-09	Grey	7 Fr	9 cm	10,5 cm	1
	PR01-T2-07-11	Grey	7 Fr	11 cm	12,5 cm	1
	PR01-T2-07-13	Grey	7 Fr	13 cm	14,5 cm	1
	PR01-T2-07-15	Grey	7 Fr	15 cm	16,5 cm	1
	PR01-T2-07-17	Grey	7 Fr	17 cm	18,5 cm	1
	PR01-T2-07-19	Grey	7 Fr	19 cm	20,5 cm	1
	PR01-T2-08-05	Green	8.5 Fr	5 cm	6,5 cm	1
	PR01-T2-08-07	Green	8.5 Fr	7 cm	8,5 cm	1
	PR01-T2-08-09	Green	8.5 Fr	9 cm	10,5 cm	1
	PR01-T2-08-11	Green	8.5 Fr	11 cm	12,5 cm	1
	PR01-T2-08-13	Green	8.5 Fr	13 cm	14,5 cm	1
	PR01-T2-08-15	Green	8.5 Fr	15 cm	16,5 cm	1
	PR01-T2-08-17	Green	8.5 Fr	17 cm	18,5 cm	1
	PR01-T2-08-19	Green	8.5 Fr	19 cm	20,5 cm	1
	PR01-T2-10-05	Blue	10 Fr	5 cm	6,5 cm	1
	PR01-T2-10-06	Blue	10 Fr	6 cm	7,5 cm	1
	PR01-T2-10-07	Blue	10 Fr	7 cm	8,5 cm	1
PR01-T2-10-08	Blue	10 Fr	8 cm	9,5 cm	1	
PR01-T2-10-09	Blue	10 Fr	9 cm	10,5 cm	1	
PR01-T2-10-10	Blue	10 Fr	10 cm	11,5 cm	1	
PR01-T2-10-11	Blue	10 Fr	11 cm	12,5 cm	1	
PR01-T2-10-12	Blue	10 Fr	12 cm	13,5 cm	1	
PR01-T2-10-13	Blue	10 Fr	13 cm	14,5 cm	1	
PR01-T2-10-14	Blue	10 Fr	14 cm	15,5 cm	1	
PR01-T2-10-15	Blue	10 Fr	15 cm	16,5 cm	1	
PR01-T2-10-17	Blue	10 Fr	17 cm	18,5 cm	1	
PR01-T2-10-19	Blue	10 Fr	19 cm	20,5 cm	1	

## Preloaded **KENA**-Biliary stents (2 Flaps, centre bend)

For long wire technique

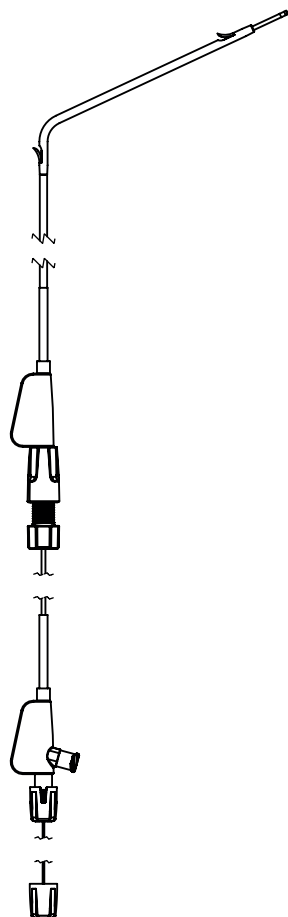


Product Code	Color	Diameter	Length between flaps	Total Length	ø Working Channel	Unit
PR03-C2-08-05	Green	8.5 Fr	5 cm	6,5 cm	4,2 mm	1
PR03-C2-08-07	Green	8.5 Fr	7 cm	8,5 cm	4,2 mm	1
PR03-C2-08-09	Green	8.5 Fr	9 cm	10,5 cm	4,2 mm	1
PR03-C2-08-11	Green	8.5 Fr	11 cm	12,5 cm	4,2 mm	1
PR03-C2-08-13	Green	8.5 Fr	13 cm	14,5 cm	4,2 mm	1
PR03-C2-08-15	Green	8.5 Fr	15 cm	16,5 cm	4,2 mm	1
PR03-C2-08-17	Green	8.5 Fr	17 cm	18,5 cm	4,2 mm	1
PR03-C2-08-19	Green	8.5 Fr	19 cm	20,5 cm	4,2 mm	1
PR03-C2-10-05	Blue	10 Fr	5 cm	6,5 cm	4,2 mm	1
PR03-C2-10-06	Blue	10 Fr	6 cm	7,5 cm	4,2 mm	1
PR03-C2-10-07	Blue	10 Fr	7 cm	8,5 cm	4,2 mm	1
PR03-C2-10-08	Blue	10 Fr	8 cm	9,5 cm	4,2 mm	1
PR03-C2-10-09	Blue	10 Fr	9 cm	10,5 cm	4,2 mm	1
PR03-C2-10-10	Blue	10 Fr	10 cm	11,5 cm	4,2 mm	1
PR03-C2-10-11	Blue	10 Fr	11 cm	12,5 cm	4,2 mm	1
PR03-C2-10-12	Blue	10 Fr	12 cm	13,5 cm	4,2 mm	1
PR03-C2-10-13	Blue	10 Fr	13 cm	14,5 cm	4,2 mm	1
PR03-C2-10-14	Blue	10 Fr	14 cm	15,5 cm	4,2 mm	1
PR03-C2-10-15	Blue	10 Fr	15 cm	16,5 cm	4,2 mm	1
PR03-C2-10-17	Blue	10 Fr	17 cm	18,5 cm	4,2 mm	1
PR03-C2-10-19	Blue	10 Fr	19 cm	20,5 cm	4,2 mm	1
PR03-C2-10-21	Blue	10 Fr	21 cm	22,5 cm	4,2 mm	1
PR03-C2-10-23	Blue	10 Fr	23 cm	24,5 cm	4,2 mm	1
PR03-C2-10-25	Blue	10 Fr	25 cm	26,5 cm	4,2 mm	1



## Preloaded KENA-Biliary stents (2 Flaps, proximal bend)

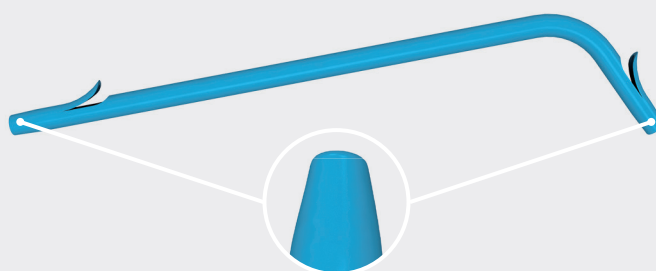
For long wire technique



Product Code	Color	Diameter	Length between flaps	Total Length	ø Working Channel	Unit
PR03-T2-08-05	Green	8.5 Fr	5 cm	6,5 cm	4,2 mm	1
PR03-T2-08-07	Green	8.5 Fr	7 cm	8,5 cm	4,2 mm	1
PR03-T2-08-09	Green	8.5 Fr	9 cm	10,5 cm	4,2 mm	1
PR03-T2-08-11	Green	8.5 Fr	11 cm	12,5 cm	4,2 mm	1
PR03-T2-08-13	Green	8.5 Fr	13 cm	14,5 cm	4,2 mm	1
PR03-T2-08-15	Green	8.5 Fr	15 cm	16,5 cm	4,2 mm	1
PR03-T2-08-17	Green	8.5 Fr	17 cm	18,5 cm	4,2 mm	1
PR03-T2-08-19	Green	8.5 Fr	19 cm	20,5 cm	4,2 mm	1
PR03-T2-10-05	Blue	10 Fr	5 cm	6,5 cm	4,2 mm	1
PR03-T2-10-06	Blue	10 Fr	6 cm	7,5 cm	4,2 mm	1
PR03-T2-10-07	Blue	10 Fr	7 cm	8,5 cm	4,2 mm	1
PR03-T2-10-08	Blue	10 Fr	8 cm	9,5 cm	4,2 mm	1
PR03-T2-10-09	Blue	10 Fr	9 cm	10,5 cm	4,2 mm	1
PR03-T2-10-10	Blue	10 Fr	10 cm	11,5 cm	4,2 mm	1
PR03-T2-10-11	Blue	10 Fr	11 cm	12,5 cm	4,2 mm	1
PR03-T2-10-12	Blue	10 Fr	12 cm	13,5 cm	4,2 mm	1
PR03-T2-10-13	Blue	10 Fr	13 cm	14,5 cm	4,2 mm	1
PR03-T2-10-14	Blue	10 Fr	14 cm	15,5 cm	4,2 mm	1
PR03-T2-10-15	Blue	10 Fr	15 cm	16,5 cm	4,2 mm	1
PR03-T2-10-17	Blue	10 Fr	17 cm	18,5 cm	4,2 mm	1
PR03-T2-10-19	Blue	10 Fr	19 cm	20,5 cm	4,2 mm	1
PR03-T2-10-21	Blue	10 Fr	21 cm	22,5 cm	4,2 mm	1
PR03-T2-10-23	Blue	10 Fr	23 cm	24,5 cm	4,2 mm	1
PR03-T2-10-25	Blue	10 Fr	25 cm	26,5 cm	4,2 mm	1

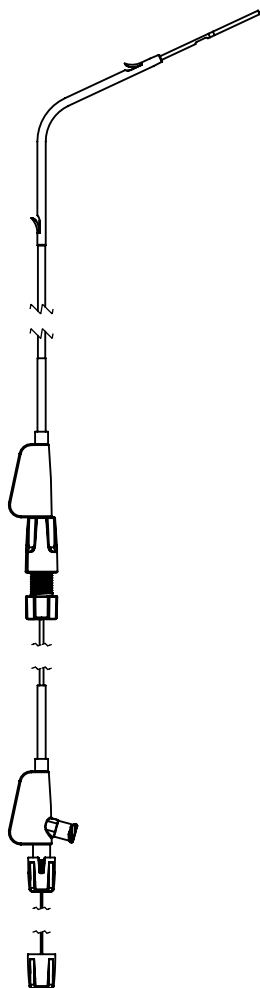
### Tips tapered on both sides

The unique bilateral tip facilitates placement and minimizes the perforation risk. Alternatively, the prosthesis can be laid across a bifurcation with the bend first and thus be anchored in place. This ensures a better hold and reduces the risk of migration.



## Preloaded **KENA**-Biliary stents (2 Flaps, centre bend) **easycure**

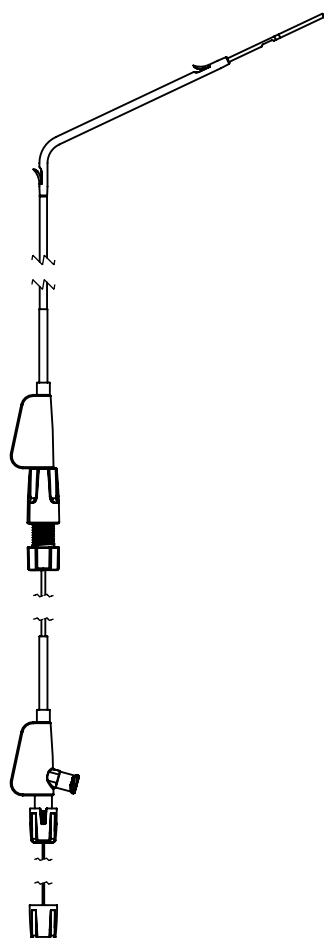
For short wire technique



Product Code	Color	Diameter	Length between flaps	Total Length	ø Working Channel	Unit
PR03-C3-08-05	Green	8.5 Fr	5 cm	6,5 cm	4,2 mm	1
PR03-C3-08-07	Green	8.5 Fr	7 cm	8,5 cm	4,2 mm	1
PR03-C3-08-09	Green	8.5 Fr	9 cm	10,5 cm	4,2 mm	1
PR03-C3-08-11	Green	8.5 Fr	11 cm	12,5 cm	4,2 mm	1
PR03-C3-08-13	Green	8.5 Fr	13 cm	14,5 cm	4,2 mm	1
PR03-C3-08-15	Green	8.5 Fr	15 cm	16,5 cm	4,2 mm	1
PR03-C3-08-17	Green	8.5 Fr	17 cm	18,5 cm	4,2 mm	1
PR03-C3-08-19	Green	8.5 Fr	19 cm	20,5 cm	4,2 mm	1
PR03-C3-10-05	Blue	10 Fr	5 cm	6,5 cm	4,2 mm	1
PR03-C3-10-06	Blue	10 Fr	6 cm	7,5 cm	4,2 mm	1
PR03-C3-10-07	Blue	10 Fr	7 cm	8,5 cm	4,2 mm	1
PR03-C3-10-08	Blue	10 Fr	8 cm	9,5 cm	4,2 mm	1
PR03-C3-10-09	Blue	10 Fr	9 cm	10,5 cm	4,2 mm	1
PR03-C3-10-10	Blue	10 Fr	10 cm	11,5 cm	4,2 mm	1
PR03-C3-10-11	Blue	10 Fr	11 cm	12,5 cm	4,2 mm	1
PR03-C3-10-12	Blue	10 Fr	12 cm	13,5 cm	4,2 mm	1
PR03-C3-10-13	Blue	10 Fr	13 cm	14,5 cm	4,2 mm	1
PR03-C3-10-14	Blue	10 Fr	14 cm	15,5 cm	4,2 mm	1
PR03-C3-10-15	Blue	10 Fr	15 cm	16,5 cm	4,2 mm	1
PR03-C3-10-17	Blue	10 Fr	17 cm	18,5 cm	4,2 mm	1
PR03-C3-10-19	Blue	10 Fr	19 cm	20,5 cm	4,2 mm	1
PR03-C3-10-21	Blue	10 Fr	21 cm	22,5 cm	4,2 mm	1
PR03-C3-10-23	Blue	10 Fr	23 cm	24,5 cm	4,2 mm	1
PR03-C3-10-25	Blue	10 Fr	25 cm	26,5 cm	4,2 mm	1

## Preloaded **KENA**-Biliary stents (2 Flaps, proximal bend) **easyGure**<sup>®</sup>

For short wire technique



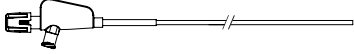
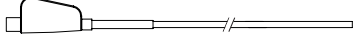
Product Code	Color	Diameter	Length between flaps	Total Length	ø Working Channel	Unit
PR03-T3-08-05	Green	8.5 Fr	5 cm	6,5 cm	4,2 mm	1
PR03-T3-08-07	Green	8.5 Fr	7 cm	8,5 cm	4,2 mm	1
PR03-T3-08-09	Green	8.5 Fr	9 cm	10,5 cm	4,2 mm	1
PR03-T3-08-11	Green	8.5 Fr	11 cm	12,5 cm	4,2 mm	1
PR03-T3-08-13	Green	8.5 Fr	13 cm	14,5 cm	4,2 mm	1
PR03-T3-08-15	Green	8.5 Fr	15 cm	16,5 cm	4,2 mm	1
PR03-T3-08-17	Green	8.5 Fr	17 cm	18,5 cm	4,2 mm	1
PR03-T3-08-19	Green	8.5 Fr	19 cm	20,5 cm	4,2 mm	1
PR03-T3-10-05	Blue	10 Fr	5 cm	6,5 cm	4,2 mm	1
PR03-T3-10-06	Blue	10 Fr	6 cm	7,5 cm	4,2 mm	1
PR03-T3-10-07	Blue	10 Fr	7 cm	8,5 cm	4,2 mm	1
PR03-T3-10-08	Blue	10 Fr	8 cm	9,5 cm	4,2 mm	1
PR03-T3-10-09	Blue	10 Fr	9 cm	10,5 cm	4,2 mm	1
PR03-T3-10-10	Blue	10 Fr	10 cm	11,5 cm	4,2 mm	1
PR03-T3-10-11	Blue	10 Fr	11 cm	12,5 cm	4,2 mm	1
PR03-T3-10-12	Blue	10 Fr	12 cm	13,5 cm	4,2 mm	1
PR03-T3-10-13	Blue	10 Fr	13 cm	14,5 cm	4,2 mm	1
PR03-T3-10-14	Blue	10 Fr	14 cm	15,5 cm	4,2 mm	1
PR03-T3-10-15	Blue	10 Fr	15 cm	16,5 cm	4,2 mm	1
PR03-T3-10-17	Blue	10 Fr	17 cm	18,5 cm	4,2 mm	1
PR03-T3-10-19	Blue	10 Fr	19 cm	20,5 cm	4,2 mm	1
PR03-T3-10-21	Blue	10 Fr	21 cm	22,5 cm	4,2 mm	1
PR03-T3-10-23	Blue	10 Fr	23 cm	24,5 cm	4,2 mm	1
PR03-T3-10-25	Blue	10 Fr	25 cm	26,5 cm	4,2 mm	1

# ERCPC

## KENA-Pusher

For short and long wire technique

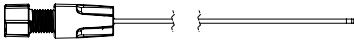
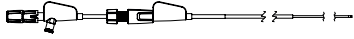


	Product Code	Characteristics	Diameter	Length	Accepted Guide Wire	ø Working Channel	Unit
	PR01-P2-07-180	Pusher, white, for 7 Fr Biliary stents	7 Fr	180 cm	.035"	2,8 mm	2
	PR01-P1-09-180	Pusher, white, for 8.5 and 10 Fr Biliary stents	9 Fr	180 cm	.035"	3,2 mm	2

## KENA-Guide catheter and -Insertion kit

For long wire technique

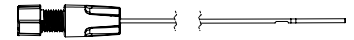
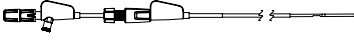


	Product Code	Characteristics	Diameter	Length	Accepted Guide Wire	ø Working Channel	Unit
	PR01-K1-05-220-35	Guide catheter, grey, for 8.5 and 10 Fr Biliary stents	5 Fr	220 cm	.035"	2,0 mm	2
	PR01-S1-05-220-35	Insertion kit for 8.5 and 10 Fr Biliary stents, LL-connection, distal radiopaque marking	9 Fr	220 cm	.035"	4,2 mm	2

## KENA-Guide catheter and -Insertion kit

For short wire technique



	Product Code	Characteristics	Diameter	Length	Accepted Guide Wire	ø Working Channel	Unit
	PR01-K3-05-220-35	Guide catheter, grey, for 8.5 and 10 Fr Biliary stents	5 Fr	220 cm	.035"	2,0 mm	2
	PR01-S1-09-220-35	Insertion kit for 8.5 and 10 Fr biliary stents, LL-connection, distal radiopaque marking	9 Fr	220 cm	.035"	4,2 mm	2

## Dilation balloons

Working Length 230 cm



	Product Code	Characteristics	ø Balloon	Length Balloon	Accepted Guide Wire	ø Working Channel	Unit
	DIL1-A1-06-40-23-35	2 Radiopaque markings, tapered catheter (2,3   1,8 mm), for short and long wire technique	6 mm	40 mm	.035" ≥ 200 cm	2,8 mm	2
	DIL1-A1-08-40-23-35	2 Radiopaque markings, tapered catheter (2,3   1,8 mm), for short and long wire technique	8 mm	40 mm	.035" ≥ 200 cm	2,8 mm	2
	DIL1-A1-10-40-23-35	2 Radiopaque markings, tapered catheter (2,3   1,8 mm), for short and long wire technique	10 mm	40 mm	.035" ≥ 200 cm	2,8 mm	2
	DIL1-A1-12-60-23-35	2 Radiopaque markings, for short and long wire technique	12 mm	60 mm	.035" ≥ 200 cm	2,8 mm	2
	DIL1-A1-14-60-23-35	2 Radiopaque markings, for short and long wire technique	14 mm	60 mm	.035" ≥ 200 cm	2,8 mm	2
	DIL1-A1-16-60-23-35	2 Radiopaque markings, for short and long wire technique	16 mm	60 mm	.035" ≥ 200 cm	2,8 mm	2
	DIL1-A1-18-60-23-35	2 Radiopaque markings, for short and long wire technique	18 mm	60 mm	.035" ≥ 200 cm	2,8 mm	2
	DIL1-A1-20-60-23-35	2 Radiopaque markings, for short and long wire technique	20 mm	60 mm	.035" ≥ 200 cm	3,2 mm	2

## Insufflation device



	Product Code	Characteristics	Unit
	DIL1-B1-60	60 ml volume, 12 Atm maximum pressure	1



# POLYPECTOMY

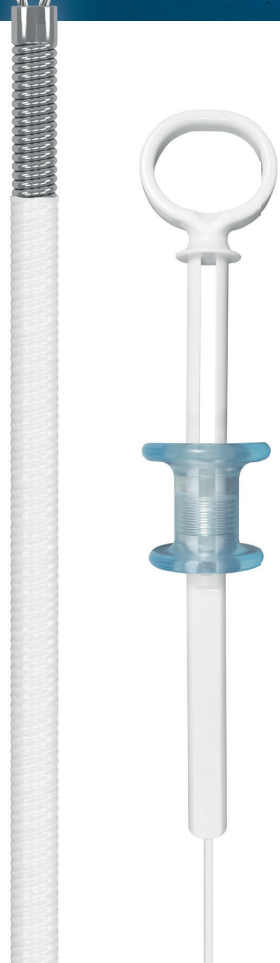
CrossSnare   ResectionMaster   SnareInflator   MANTA    $\text{lcus}^2$    OCTOPUS   KOALA   FLAMINGO

Polypectomy Snares	34	Polyp Traps	52
Injection Needles	44	Spray Catheters	54
Foreign Body Retrieval Nets	49	Cytology Brushes	55
Foreign Body Forceps	50	Examination Pants	55
Protection Cap	50	BBS Therapy	56

# Polypectomy



Cold polyp resection  
in a new dimension



## CrossSnare ZERO

The new dedicated cold snare

Perfect resection thanks to unique tube design  
Multiple snare diameters for diminutive polyps  
Optimal for the implementation of the ESGE guideline\*

\* Ferlitsch Monika et al.: „Colorectal polypectomy and endoscopic mucosal resection (EMR): European Society of Gastrointestinal Endoscopy (ESGE) Clinical Guideline“, Endoscopy 2017.



# Polypectomy

## Great effect on small polyps

Less effort and perfect cutting performance - that's what CrossSnare ZERO offers you thanks to its unique reinforced spiral tube design.

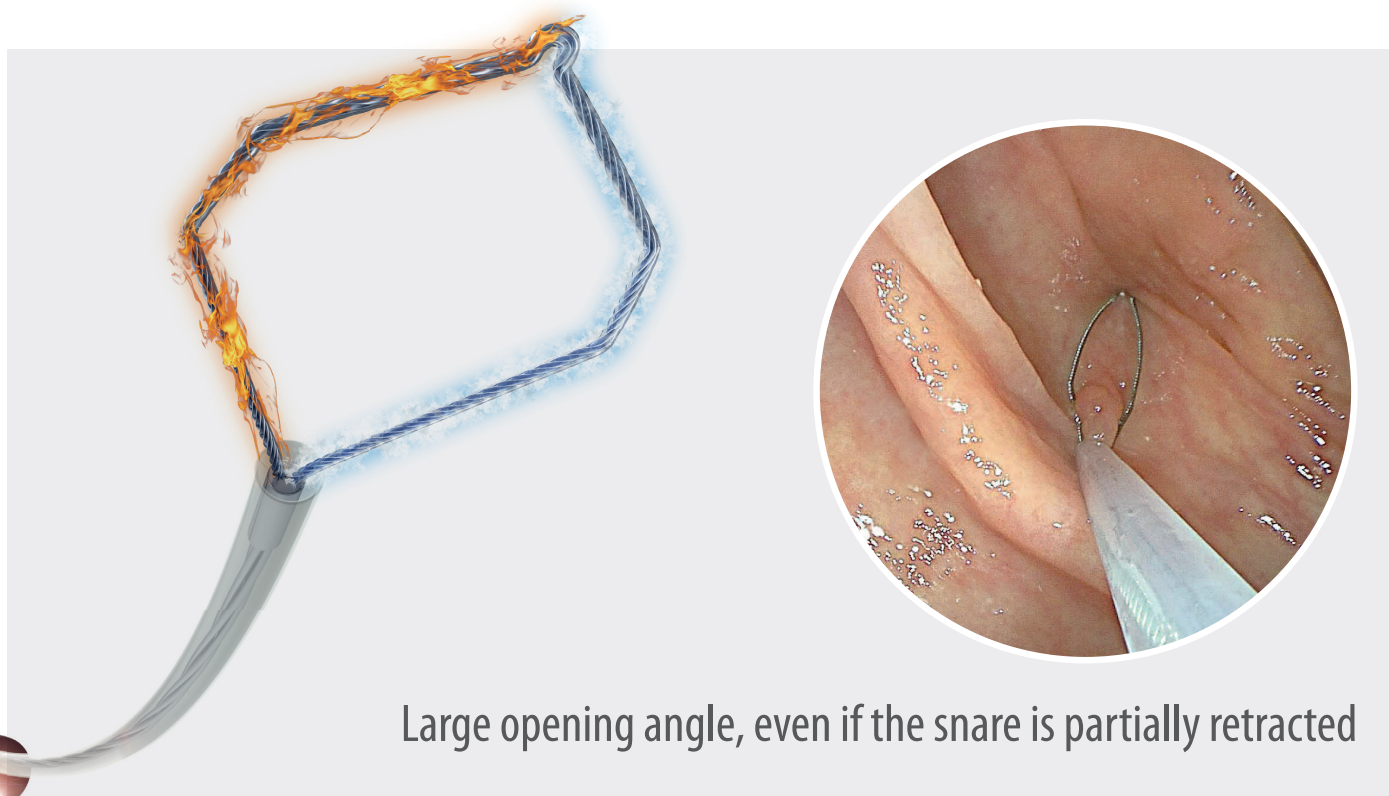
Equipped with extra thin cutting wire and available in two different sizes, CrossSnare ZERO is the perfect choice for polyps up to 9 mm and supports you optimally in implementing the ESGE guideline\*.

## CrossSnare ZERO Polypectomy snares for cold snaring



	Product Code	Characteristics	∅ Snare	Length	∅ Working Channel	Unit
	POL1-Z2-07-23-220	Kite, CWT	7 mm	220 cm	2,8 mm	10
	POL1-Z2-12-23-220	Kite, CWT	12 mm	220 cm	2,8 mm	10

# Polypectomy



Large opening angle, even if the snare is partially retracted

## More than just a cold snare - a hybrid comprising HOT and COLD

Over 90% of all polyps are smaller than 10 mm. Especially a number of small, flat lesions in the caecum or right colon constitute special challenges for the instrumentation. CrossSnare is the first hybrid snare, and the only one, to have been specially developed for the majority of polyps of clinical

relevance in terms of ablation. The large opening angle, even if the snare is partially retracted, ensures optimal snare adjustment to match the size of the polyps between 3 mm and 15 mm. Compacted Wire Technology provides tissue-sparing cutting properties - both with and without HF current.

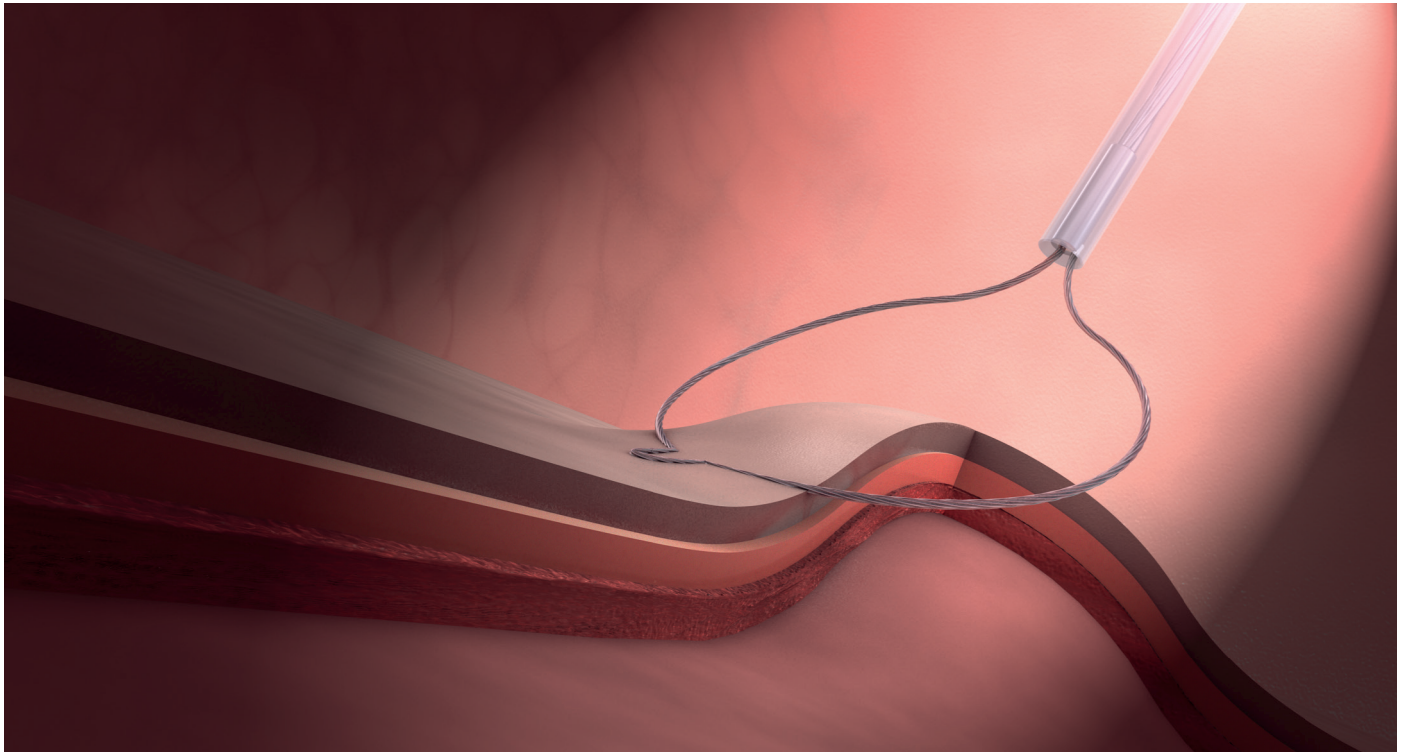
## CrossSnare Polypectomy snares for Cold and HF snaring



	Product Code	Characteristics	∅ Snare	Length	∅ Working Channel	Unit
	POL1-X1-10-23-220-OL	Kite, CWT	10 mm	220 cm	2,8 mm	10
	POL1-X1-15-23-220-OL	Kite, CWT	15 mm	220 cm	2,8 mm	10



# Polypectomy



## Compacted Wire Technology (CWT)

Compacted Wire Technology combines the benefits of a mono-filament snare with those of a braided snare:

- ✓ Easier positioning with flat lesions
- ✓ Sparing tissue ablation

## Polypectomy snares (CWT)



	Product Code	Characteristics	∅ Snare	Length	∅ Working Channel	Unit
	POL1-B1-10-23-220-0L	Convex	10 mm	220 cm	2,8 mm	10
	POL1-B1-15-23-220-0L	Convex	15 mm	220 cm	2,8 mm	10
	POL1-B1-20-23-220-0L	Convex	20 mm	220 cm	2,8 mm	10
	POL1-B1-30-23-220-0L	Convex	30 mm	220 cm	2,8 mm	10
	POL1-B1-10-23-260-0L	Convex, Balloon Enteroscopy	10 mm	260 cm	2,8 mm	10
	POL1-B1-15-23-260-0L	Convex, Balloon Enteroscopy	15 mm	260 cm	2,8 mm	10
	POL1-B1-20-23-260-0L	Convex, Balloon Enteroscopy	20 mm	260 cm	2,8 mm	10
	POL1-B1-30-23-260-0L	Convex, Balloon Enteroscopy	30 mm	260 cm	2,8 mm	10

# Polypectomy

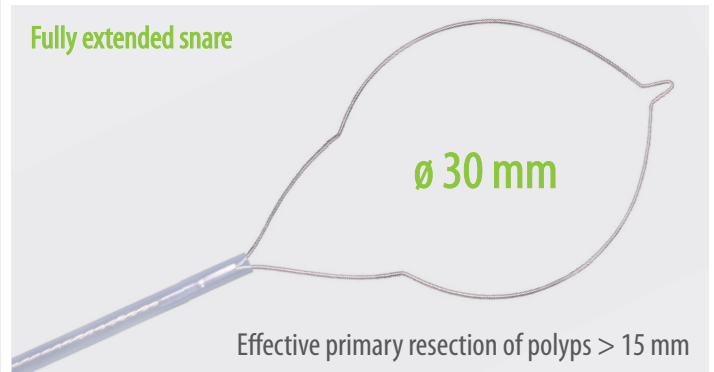
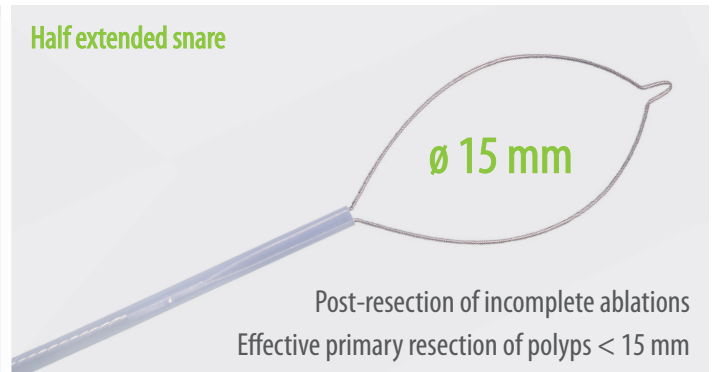
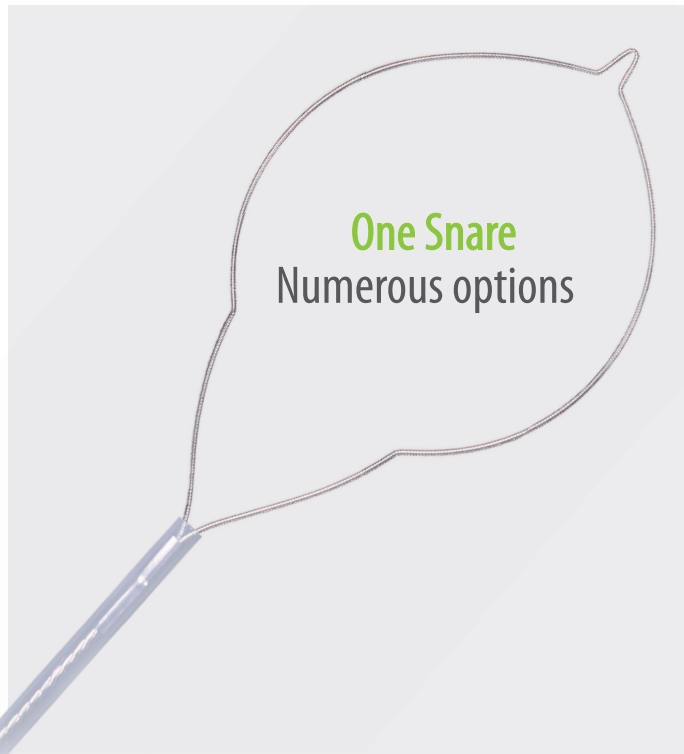
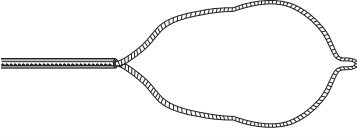
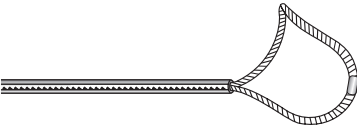


Figure: POL1-D1-30-23-220-OL

## Polypectomy snares (CWT)



	Product Code	Characteristics	ø Snare	Length	ø Working Channel	Unit
	POL1-D1-30-23-220-OL	Convex, combi	15   30 mm	220 cm	2,8 mm	10
	POL1-K1-25-23-220-OL	Asymmetrical	25 mm	220 cm	2,8 mm	10

# Polypectomy

Infinite rotation even during inversion

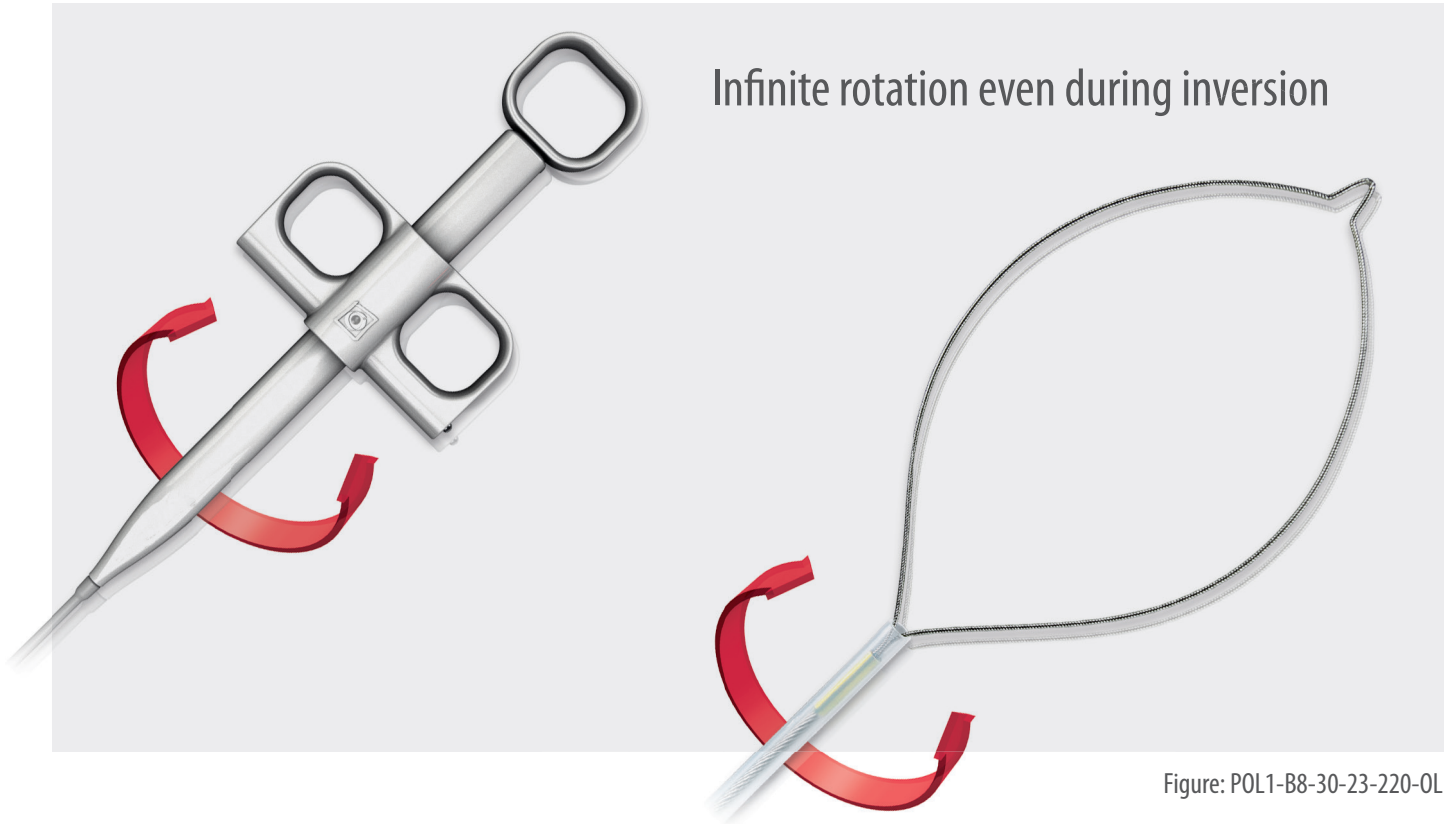


Figure: POL1-B8-30-23-220-OL

## Polypectomy snares (Braided wire)



	Product Code	Characteristics	∅ Snare	Length	∅ Working Channel	Unit
	POL1-B7-10-23-220-OL	Oval	10 mm	220 cm	2,8 mm	10
	POL1-B7-15-23-220-OL	Oval	15 mm	220 cm	2,8 mm	10
	POL1-B7-20-23-220-OL	Oval	20 mm	220 cm	2,8 mm	10
	POL1-B7-30-23-220-OL	Oval	30 mm	220 cm	2,8 mm	10
	POL1-B8-10-23-220-OL	Oval, rotatable	10 mm	220 cm	2,8 mm	10
	POL1-B8-15-23-220-OL	Oval, rotatable	15 mm	220 cm	2,8 mm	10
	POL1-B8-22-23-220-OL	Oval, rotatable	22 mm	220 cm	2,8 mm	10
	POL1-B8-30-23-220-OL	Oval, rotatable	30 mm	220 cm	2,8 mm	10
	POL1-F1-30-23-220-OL	Hexagonal	30 mm	220 cm	2,8 mm	10



# Polypectomy

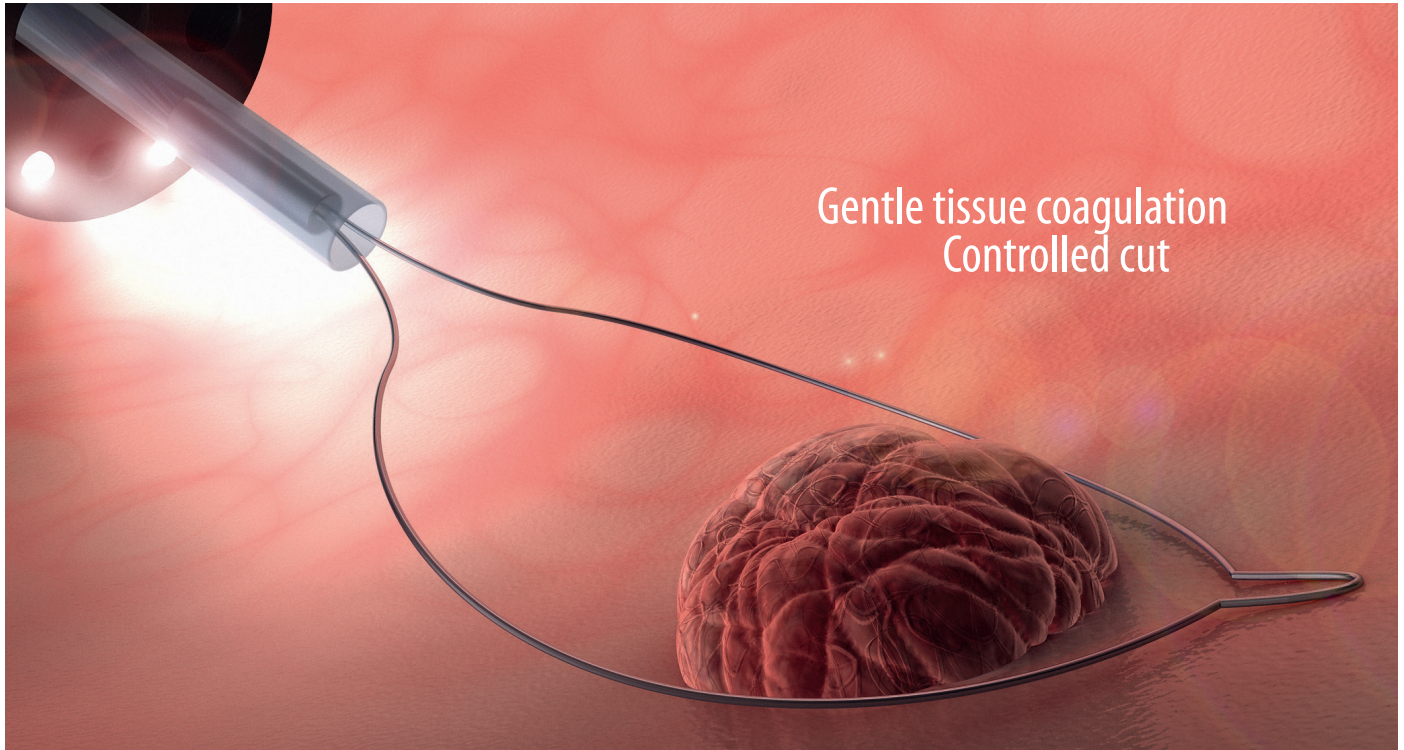


Figure: POL1-B9-15-23-220-OL

## Polypectomy snares (Monofil)



	Product Code	Characteristics	∅ Snare	Length	∅ Working Channel	Unit
	POL1-B9-10-23-220-OL	Oval	10 mm	220 cm	2,8 mm	10
	POL1-B9-15-23-220-OL	Oval	15 mm	220 cm	2,8 mm	10
	POL1-B9-22-23-220-OL	Oval	22 mm	220 cm	2,8 mm	10
	POL1-B9-30-23-220-OL	Oval	30 mm	220 cm	2,8 mm	10
	POL1-B3-10-23-220-OL	Oval, rotatable	10 mm	220 cm	2,8 mm	10
	POL1-B3-15-23-220-OL	Oval, rotatable	15 mm	220 cm	2,8 mm	10
	POL1-B3-22-23-220-OL	Oval, rotatable	22 mm	220 cm	2,8 mm	10
	POL1-B3-30-23-220-OL	Oval, rotatable	30 mm	220 cm	2,8 mm	10

# Polypectomy

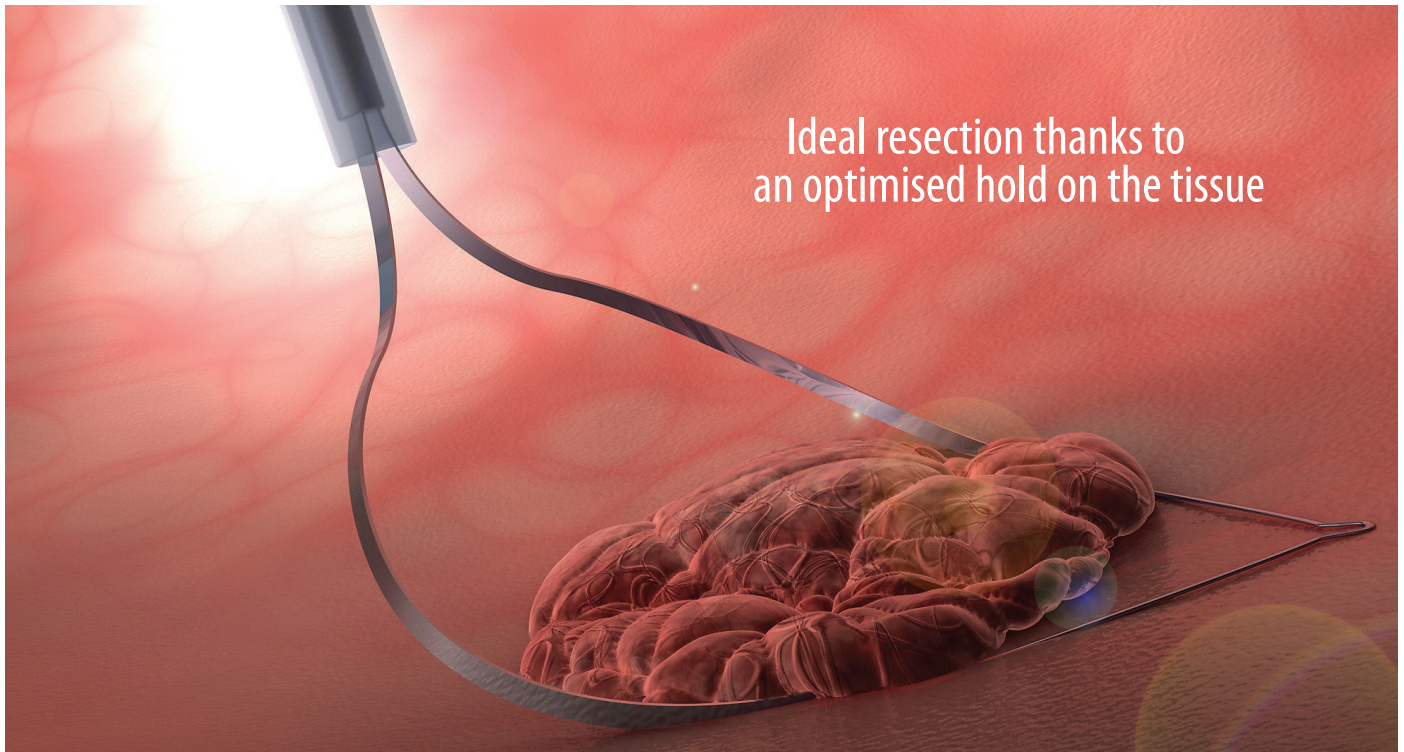


Figure: POL1-C5-22-23-220-0L

## ResectionMaster Polypectomy snares for EMR



	Product Code	Characteristics	∅ Snare	Length	∅ Working Channel	Unit
	POL1-C5-10-23-220-0L	Oval, flat metal band	10 mm	220 cm	2,8 mm	10
	POL1-C5-15-23-220-0L	Oval, flat metal band	15 mm	220 cm	2,8 mm	10
	POL1-C5-22-23-220-0L	Oval, flat metal band	22 mm	220 cm	2,8 mm	10
	POL1-C5-30-23-220-0L	Oval, flat metal band	30 mm	220 cm	2,8 mm	10

# Polypectomy

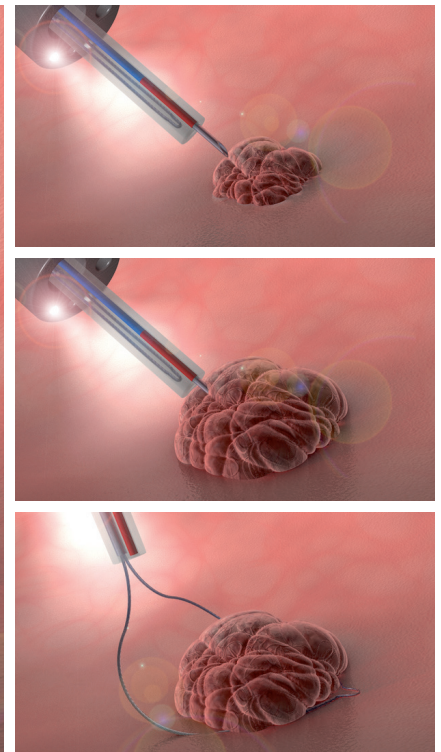
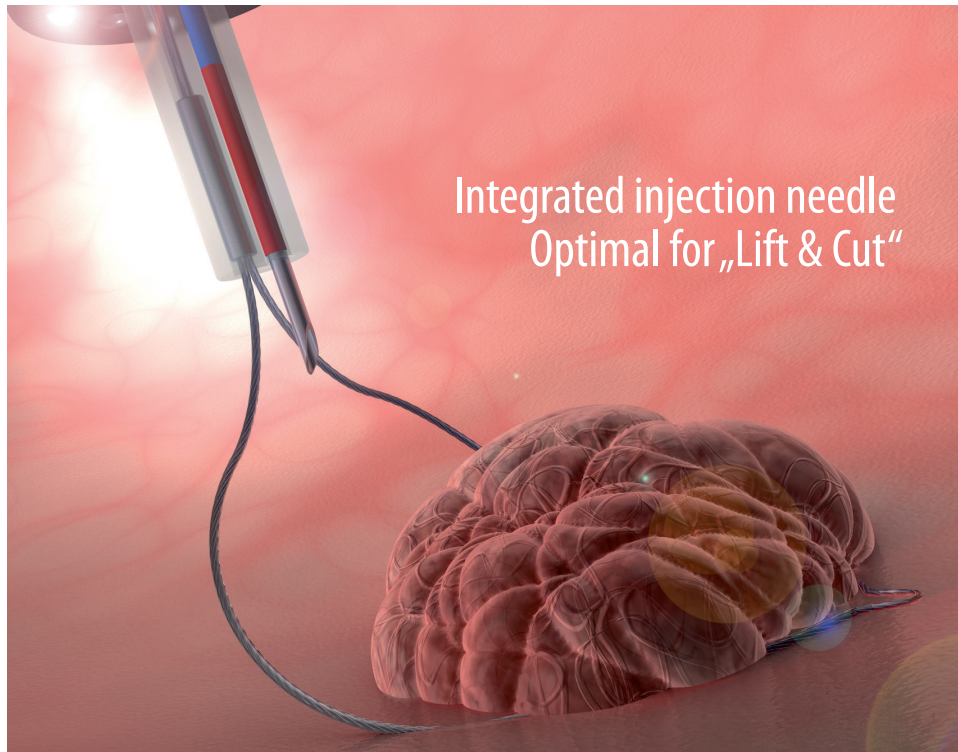


Figure: POL1-H4-15-27-230-OL

## SnareInflator Polypectomy snares with integrated injection needle



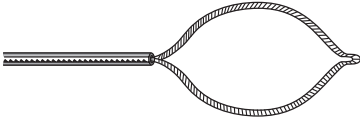
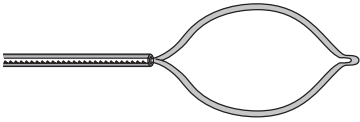
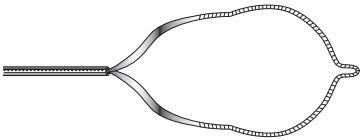
	Product Code	Characteristics	∅ Snare	Needle Length	Length	∅ Working Channel	Unit
	POL1-H4-15-27-230-OL	Oval, CWT	15 mm	5 mm	230 cm	3,2 mm	5
	POL1-H3-22-27-230-OL	Oval, monofil	22 mm	5 mm	230 cm	3,2 mm	5
	POL1-H3-30-27-230-OL	Oval, monofil	30 mm	5 mm	230 cm	3,2 mm	5



# Polypectomy


## Polypectomy snares (Reusable)

134°C

	Product Code	Characteristics	∅ Snare	Length	∅ Working Channel	Unit
	POL2-B1-15-23-220	Oval, braided wire	15 mm	220 cm	2,8 mm	1
	POL2-B1-20-23-220	Oval, braided wire	20 mm	220 cm	2,8 mm	1
	POL2-B1-30-23-220	Oval, braided wire	30 mm	220 cm	2,8 mm	1
	POL2-B9-15-23-220	Oval, monofil	15 mm	220 cm	2,8 mm	1
	POL2-B9-20-23-220	Oval, monofil	20 mm	220 cm	2,8 mm	1
	POL2-B9-30-23-220	Oval, monofil	30 mm	220 cm	2,8 mm	1
	POL2-E1-30-23-220	Oval, combi, proximal strengthened by a flat spring	15   30 mm	220 cm	2,8 mm	1

## Handle for Polypectomy snares (Reusable)

134°C

	Product Code	Characteristics	Lift	Unit
	HAN2-100-OL	Handle, rotatable	100 mm	1

# Polypectomy



#extreme

Precise needle activation and kink-resistant

40% lower injection resistance

Easy handling due to single hand operation

## MANTA



### Impressive precision in extreme positions!


Follows every curve: the flexible Manta injection needle even finds its way through highly convoluted regions of the body and yet retains its extreme precision.

Maximum kink-resistance and single handed operation ease the application. The unique needle design makes the injection of fluids noticeably easier.

# Polypectomy

## MANTA Injection needles



	Product Code	Characteristics	Needle ø   Length	Length	ø Working Channel	Unit
	INJ1-A3-05-5-18-240	Latching mechanism, distal needle guide, suitable with Histoacryl	0,5 mm (25 Gauge)   5 mm	240 cm	2,0 mm	5
	INJ1-A3-07-5-18-240	Latching mechanism, distal needle guide, suitable with Histoacryl	0,7 mm (23 Gauge)   5 mm	240 cm	2,0 mm	5

For many injection needles, applications in the terminal ileum or caecum constitute borderline cases where numerous instruments can no longer be activated reliably. Even 90° angulation of the injection needle by the Albarran lever in a duodenoscope often leads to failure of the instrumentation. In such a case, Manta ensures reliable retraction and extension of the needle, even in sharply angulated device positions, and prevents feared damage to the working channel.

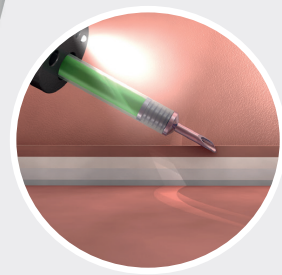


# Polypectomy

## ICUS<sup>2</sup>



20% reduction in friction  
for precision puncture



20% easier piercing

80% less effort when  
administering injections




# INJECTION NEEDLES

\* Compared to previous injection needles

# Polypectomy


lcus<sup>2</sup> Injection needles



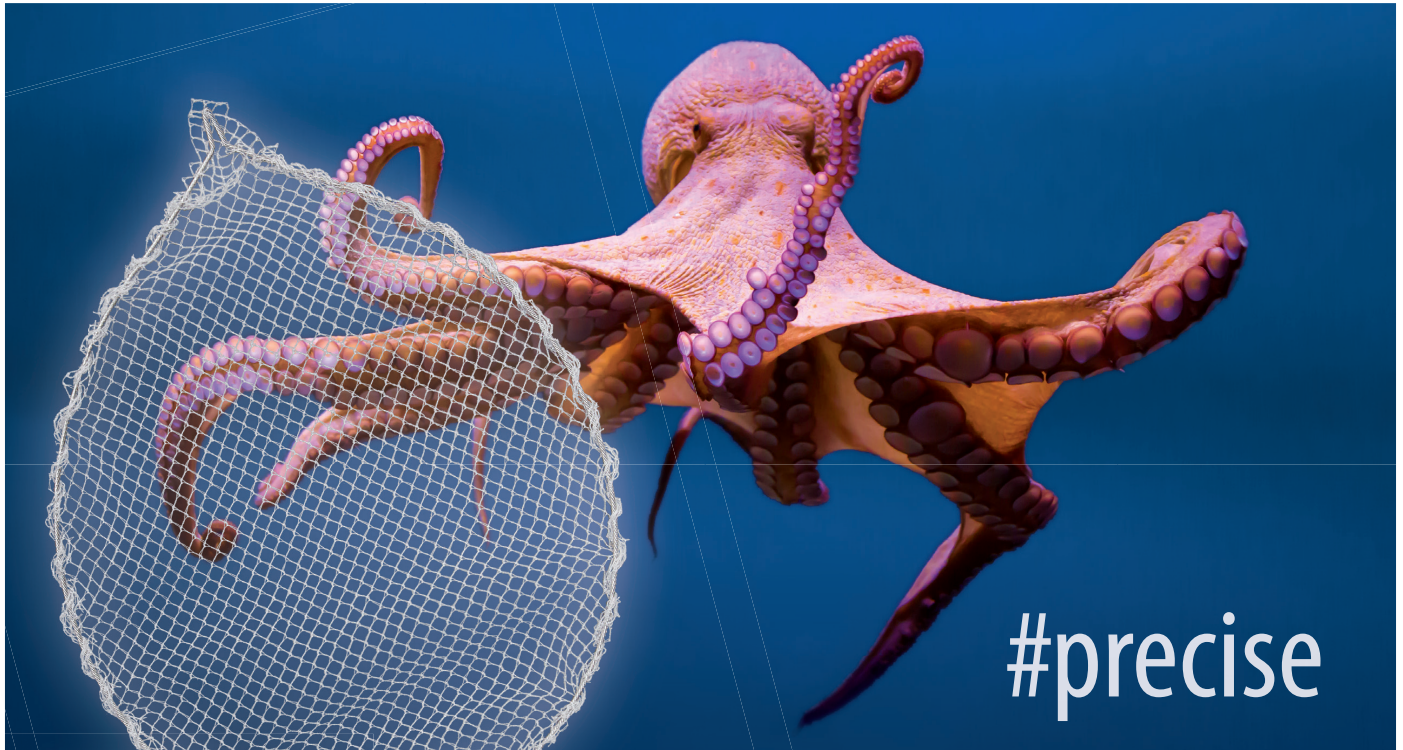
	Product Code	Characteristics	Needle ø   Length	Length	ø Working Channel	Unit
	INJ1-A2-05-3-23-230	Latching mechanism, distal needle guide, suitable with Histoacryl	0,5 mm (25 Gauge)   3 mm	230 cm	2,8 mm	10
	INJ1-A2-07-3-23-230	Latching mechanism, distal needle guide, suitable with Histoacryl	0,7 mm (23 Gauge)   3 mm	230 cm	2,8 mm	10
	INJ1-A2-05-4-23-180	Latching mechanism, distal needle guide, suitable with Histoacryl	0,5 mm (25 Gauge)   4 mm	180 cm	2,8 mm	10
	INJ1-A2-05-4-23-230	Latching mechanism, distal needle guide, suitable with Histoacryl	0,5 mm (25 Gauge)   4 mm	230 cm	2,8 mm	10
	INJ1-A2-07-4-23-180	Latching mechanism, distal needle guide, suitable with Histoacryl	0,7 mm (23 Gauge)   4 mm	180 cm	2,8 mm	10
	INJ1-A2-07-4-23-230	Latching mechanism, distal needle guide, suitable with Histoacryl	0,7 mm (23 Gauge)   4 mm	230 cm	2,8 mm	10
	INJ1-A2-07-5-23-180	Latching mechanism, distal needle guide, suitable with Histoacryl	0,7 mm (23 Gauge)   5 mm	180 cm	2,8 mm	10
	INJ1-A2-07-5-23-230	Latching mechanism, distal needle guide, suitable with Histoacryl	0,7 mm (23 Gauge)   5 mm	230 cm	2,8 mm	10
	INJ1-A2-09-5-23-180	Latching mechanism, distal needle guide, suitable with Histoacryl	0,9 mm (21 Gauge)   5 mm	180 cm	2,8 mm	10
	INJ1-A2-09-5-23-230	Latching mechanism, distal needle guide, suitable with Histoacryl	0,9 mm (21 Gauge)   5 mm	230 cm	2,8 mm	10

lcus<sup>2</sup> Injection needles



	Product Code	Characteristics	Needle ø   length	Length	ø Working Channel	Unit
	INJ1-A1-07-5-18-180	Latching mechanism, distal needle guide, suitable with Histoacryl	0,7 mm (23 Gauge)   5 mm	180 cm	2,0 mm	10
	INJ1-A1-07-5-18-260	Latching mechanism, distal needle guide, suitable with Histoacryl, Balloon Enteroscopy	0,7 mm (23 Gauge)   5 mm	260 cm	2,0 mm	10

# Polypectomy



For polyps & foreign bodies

Stable framed net

Direct rotatability\*

## OCTOPUS

### High volume!

There is no escape: the new Octopus retrieval net takes on polyps and foreign bodies. The sturdy structure of the frame ensures reliable removal.

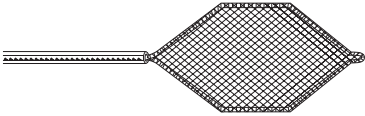
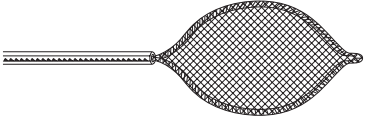
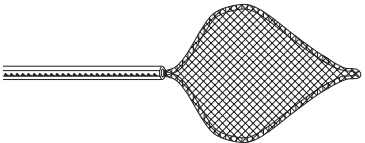
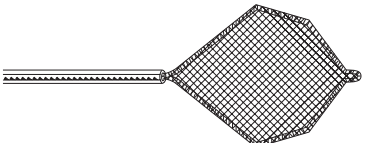
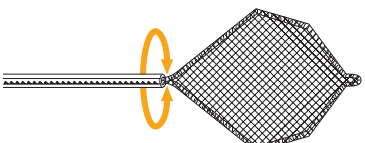
Versatility in use, it can be used for several foreign bodies – due to its reservoir function. Direct rotatability and a high degree of flexibility facilitate the process.

\*FOR1-N3-30-220

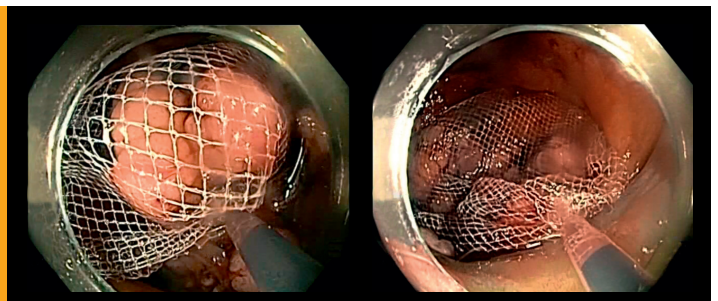
# Polypectomy

## OCTOPUS Foreign body retrieval net



	Product Code	Characteristics	Volume Net	Length	ø Working Channel	Unit
	FOR1-N1-20-180	Hexagonal, framed, paediatric	3 cm <sup>3</sup>	180 cm	2,0 mm	5
	FOR1-N1-30-220	Oval, framed	6 cm <sup>3</sup>	220 cm	2,8 mm	5
	FOR1-N1-40-220	Reservoir function, framed	8 cm <sup>3</sup>	220 cm	2,8 mm	5
	FOR1-N2-30-220	Kite, framed	6 cm <sup>3</sup>	220 cm	2,8 mm	5
	FOR1-N3-30-220	Kite, framed, rotatable	6 cm <sup>3</sup>	220 cm	2,8 mm	5




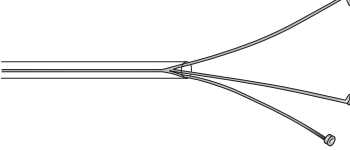
Owing to a new reservoir design Octopus enables easy and reliable recovery of multiple objects simultaneously. Whereby 1:1 rotatability facilitates manoeuvring during foreign body recovery. The extremely sturdy net reliably maintains its position and does not slip.



# Polypectomy

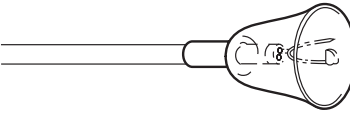
## Foreign body forceps



	Product Code	Characteristics	Opening width	ø Tube	Length	ø Working Channel	Unit
	FOR1-A1-23-230	Alligator, metal spring, coated	9 mm	2,3 mm	230 cm	2,8 mm	5
	FOR1-A2-23-230	Hybrid jaw configuration alligator/rat tooth, metal spring, coated	9 mm	2,3 mm	230 cm	2,8 mm	10
	FOR1-A2-23-260	Hybrid jaw configuration alligator/rat tooth, metal spring, coated Balloon Enteroscopy	8 mm	2,3 mm	260 cm	2,8 mm	5
	FOR1-P1-18-230	Pelican, coated, Paediatrics	9 mm	1,8 mm	230 cm	2,0 mm	5
	FOR1-P1-23-230	Pelican, coated	15,5 mm	2,3 mm	230 cm	2,8 mm	5
	FOR1-H3-23-230	Three-arm grasping forceps, PTFE catheter	-	2,3 mm	230 cm	2,8 mm	5

## Protection cap



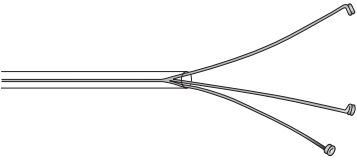
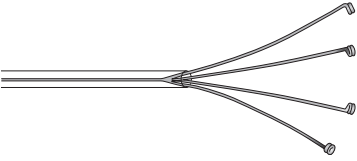
	Product Code	Characteristics	Unit
	WS0420000	Foreign body protection cap	10



# Polypectomy

## Foreign body forceps (Reusable)

134°C

	Product Code	Characteristics	ø Tube	Length	ø Working Channel	Unit
	FOR2-H3-23-230	Three-arm grasping forceps, PTFE catheter	2,3 mm	230 cm	2,8 mm	1
	FOR2-J3-23-230	Four-arm grasping forceps, PTFE catheter	2,3 mm	230 cm	2,8 mm	1

# Polypectomy



#mindful

Safe and simple removing of specimens

Unrestricted suction function

Two removable strainers

## KOALA



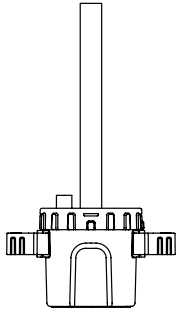
## Continuity in use!

Of course it cannot handle two kilos of eucalyptus, but it can manage countless polyps cleanly and safely. The two removable strainers of the koala polyp trap facilitate easy removal of tissue specimens

and therefore protect against contamination with biomaterial. The suction function is limitless throughout the procedure.

# Polypectomy

## KOALA Polyptrap

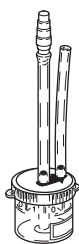


Product Code	Characteristics	Unit
TRP1-S2	2 integrated strainers, white	25
TRP1-S4	2 integrated strainers, white and 2 additional strainers, grey	25

**Minimised contamination risk**  
 On account of the two integrated strainers of the new Koala it is no longer necessary to deposit a contaminated strainer outside the system. That minimises contamination with biomaterial, and hence the infection risk.



## Polyptraps

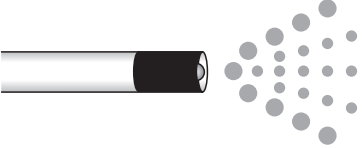



Product Code	Characteristics	Unit
MIS1-POLYPTRAP	4 chambers, connecting tubes to suction pump   endoscope	10
MIS1-POLYPTRAP50	4 chambers, connecting tubes to suction pump   endoscope	50

# Polypectomy

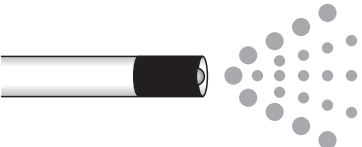
## Spray catheter



	Product Code	Characteristics	Length	∅ Working Channel	Unit
	SPE1-C6-18-220	Spray catheter	220 cm	2,0 mm	10
					

## Spray catheter (Reusable)

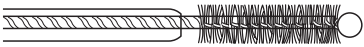
134°C

	Product Code	Characteristics	Length	∅ Working Channel	Unit
	SPE2-C6-18-220	Spray catheter	220 cm	2,0 mm	1

# Polypectomy

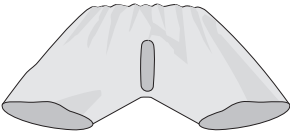
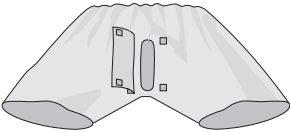
## Cytology brushes



	Product Code	Characteristics	ø Brush	Length	ø Working Channel	Unit
	WS0372512	Bronchoscopy, handle, 1 lumen, distal protection ball	2,5 mm	120 cm	2,0 mm	5
	WS0373016	Gastroscopy, handle, 1 lumen, distal protection ball	3,0 mm	160 cm	2,8 mm	5
	WS0373022	Colonoscopy, handle, 1 lumen, distal protection ball	3,0 mm	220 cm	2,8 mm	5

## Colonoscopy examination pants



	Product Code	Characteristics	Unit
	MIS1-COLO-PANTS1	Colonoscopy examination pants, dark blue, fleece, including elastic, slit, Bermuda (width 61 cm   length 65 cm)	100
	MIS1-COLO-PANTS	Colonoscopy examination pants, dark blue, fleece, including elastic, slit with hook-and-loop cover, prolonged waistline, Bermuda (width 70 cm   length 60 cm)	100
	MIS1-COLO-PANTS-XXL	Colonoscopy examination pants, dark blue, fleece, including elastic, slit with hook-and-loop cover, prolonged waistline, Bermuda (width 85 cm   length 70 cm)	10

# Buried-Bumper-Therapy



Multidimensional cutting  
for precise excision of the retaining plate

Accurate positioning facilitates the  
star-shaped incision of the mucosa

## FLAMINGO

### Buried-bumper syndrome? Complete flexibility!

Inspired by nature, extremely versatile and effective: The novel Flamingo-kit – a system to meet the therapeutic challenges of the buried-bumper syndrome.

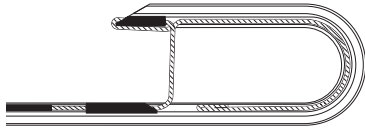
A simple yet precise excision of the PEG's retaining plate, thanks to the unique cutting wire design, which allows multidimensional cutting.

# Buried-Bumper-Therapy

## FLAMINGO Kit



Product Code	Characteristics	Cutting Length	Length	Accepted Guide Wire	Unit
POL3-P1-40-30-30	Flamingo kit consisting of:				1
	1 Flamingo for 15Fr PEG probe, 2 lumen, CWT, rotatable	6   10 mm	30 cm	.035"	
	1 Foreign body forceps, alligator/rat tooth	-	230 cm	-	
	1 Guide wire, hydrophilic tip	-	120 cm	-	



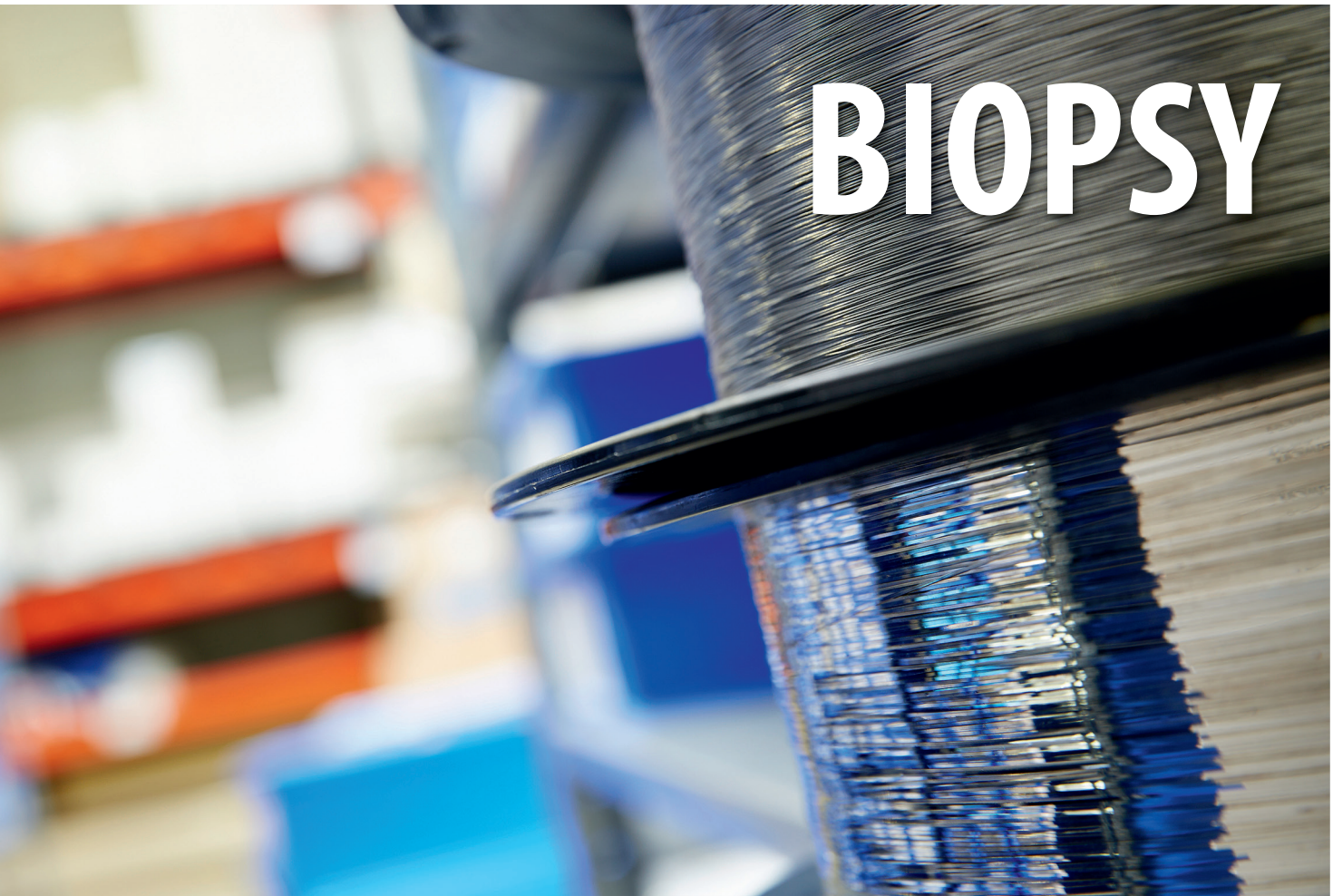
### PUSH TECHNIQUE

- 1** Exploration with the PEG probe using a guide wire
- 2** Cutting the PEG probe free with the **Flamingo** by making a star-shaped incision
- 3** Removal of the PEG probe from the stomach with the foreign body forceps





# BIOPSY



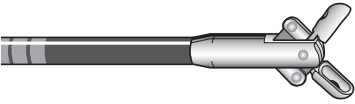
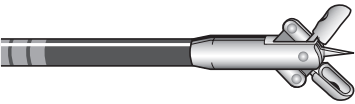
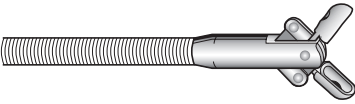
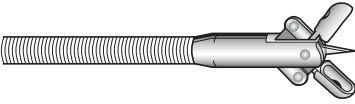
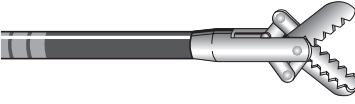
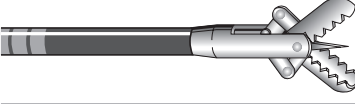
EndoBite<sup>2</sup>

# Biopsy



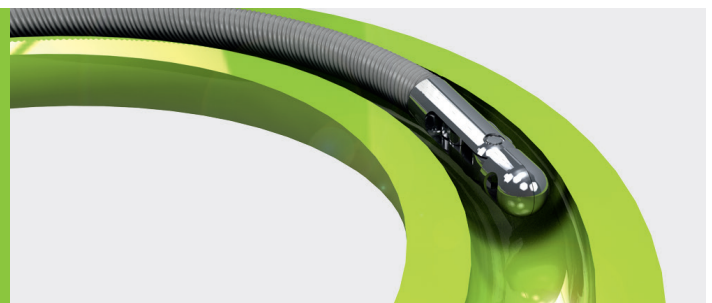
**EndoBite<sup>2</sup>**

## EndoBite<sup>2</sup> Biopsy forceps

	Product Code	Characteristics	∅ Jaws	Length	∅ Working Channel	Unit
	BI01-C4-18-120	Oval jaws, coated, Bronchoscopy	1,8 mm	120 cm	2,0 mm	10
	BI01-C4-18-180	Oval jaws, coated, Paediatrics	1,8 mm	180 cm	2,0 mm	10
	BI01-C4-18-260	Oval jaws, coated, Balloon Enteroscopy	1,8 mm	260 cm	2,0 mm	10
	BI01-C4-23-180	Oval jaws, mono pull wire, coated	2,3 mm	180 cm	2,8 mm	10
	BI01-C4-23-230	Oval jaws, mono pull wire, coated	2,3 mm	230 cm	2,8 mm	10
	BI01-D4-23-180	Oval jaws, mono pull wire, coated, spike	2,3 mm	180 cm	2,8 mm	10
	BI01-D4-23-230	Oval jaws, mono pull wire, coated, spike	2,3 mm	230 cm	2,8 mm	10
	BI01-C3-23-180	Oval jaws, mono pull wire	2,3 mm	180 cm	2,8 mm	10
	BI01-C3-23-230	Oval jaws, mono pull wire	2,3 mm	230 cm	2,8 mm	10
	BI01-D3-23-180	Oval jaws, mono pull wire, spike	2,3 mm	180 cm	2,8 mm	10
	BI01-D3-23-230	Oval jaws, mono pull wire, spike	2,3 mm	230 cm	2,8 mm	10
	BI01-G4-23-180	Alligator, mono pull wire, coated	2,3 mm	180 cm	2,8 mm	10
	BI01-G4-23-230	Alligator, mono pull wire, coated	2,3 mm	230 cm	2,8 mm	10
	BI01-H4-23-180	Alligator, mono pull wire, coated, spike	2,3 mm	180 cm	2,8 mm	10
	BI01-H4-23-230	Alligator, mono pull wire, coated, spike	2,3 mm	230 cm	2,8 mm	10

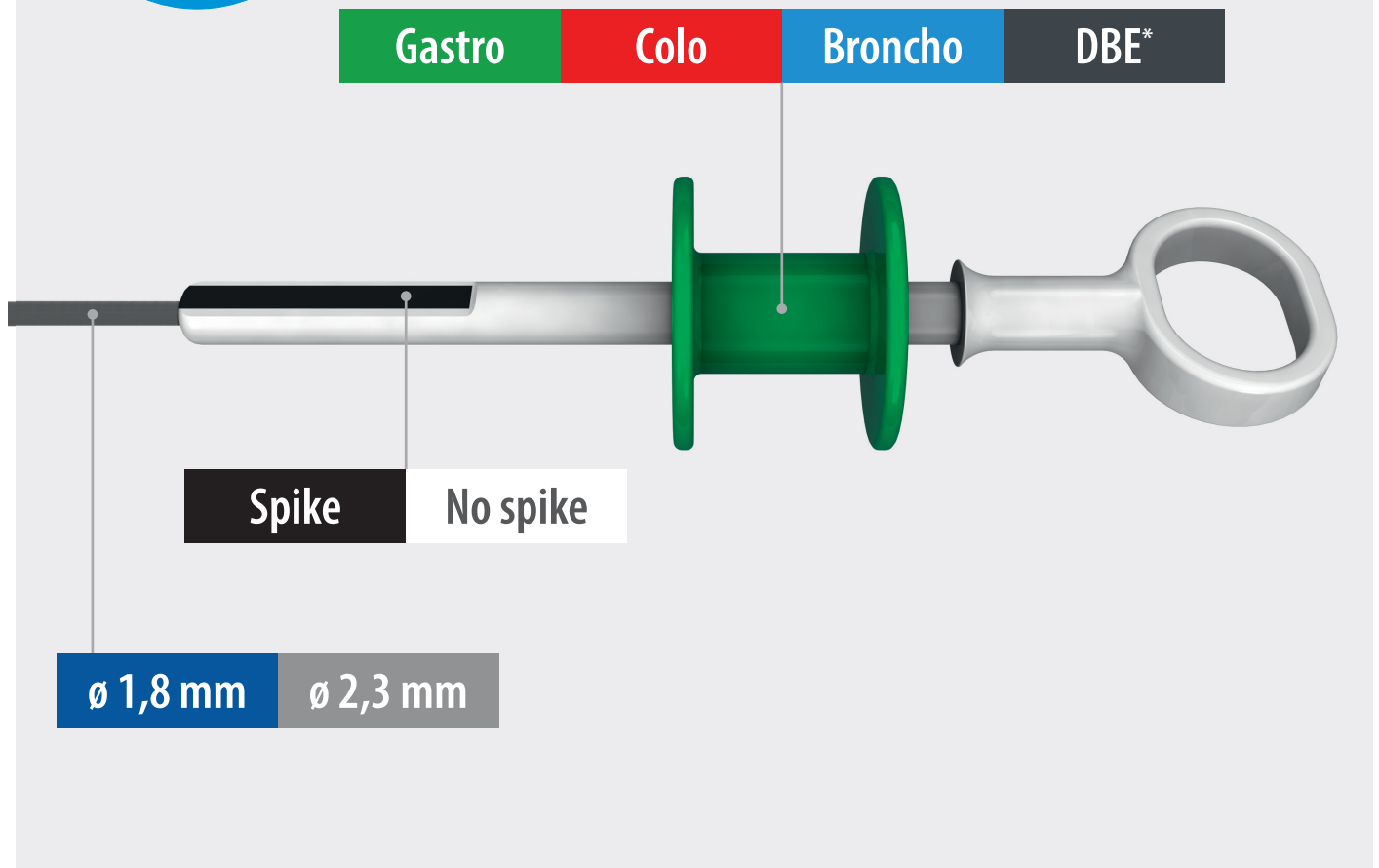
### EndoBite<sup>2</sup> with mono pull wire

Ensures large sizes of sample material ideal for histological assessment because the cut surfaces are completely closed, even if the position of the endoscope is challenging. The mono pull wire prevents the branches from tilting and thus protects the working channel against wear and damage.



# Biopsy

**NEW**  
WITH COLOUR CODE



\* Double Balloon Enteroscopy





Includes medwork BIOpin:  
For easy removal of specimen



## Biopsy forceps (macro forceps)



	Product Code	Characteristics	∅ Jaws	Length	∅ Working Channel	Unit
	AMHBFJ2.8*2300	Alligator, mono pull wire, coated, macro forceps	2,8 mm	230 cm	3,2 mm	10
	AMHBFK2.8*2300	Alligator, mono pull wire, coated, macro forceps, spike	2,8 mm	230 cm	3,2 mm	10



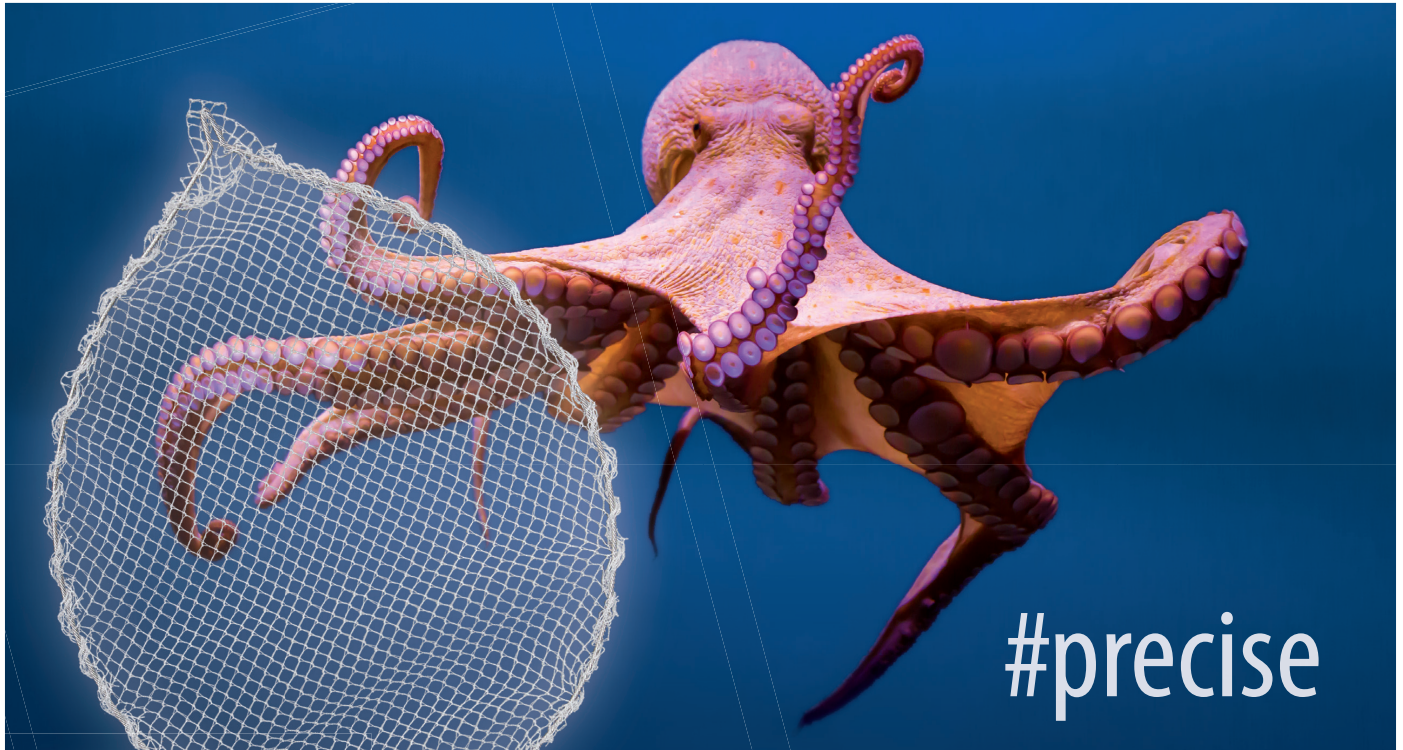
# FOREIGN BODY



OCTOPUS FLAMINGO

Foreign Body Retrieval Nets	66
Protection Cap	68
Foreign Body Forceps	68
BBS Therapy	70

# Foreign Body



For polyps & foreign bodies

Stable framed net

Direct rotatability\*

## OCTOPUS

### High volume!

There is no escape: the new Octopus retrieval net takes on polyps and foreign bodies. The sturdy structure of the frame ensures reliable removal.

Versatility in use, it can be used for several foreign bodies – due to its reservoir function. Direct rotatability and a high degree of flexibility facilitate the process.

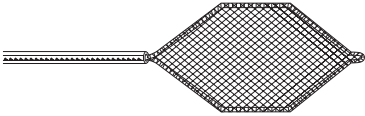
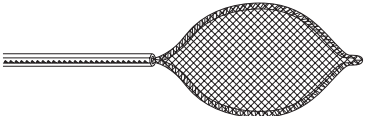
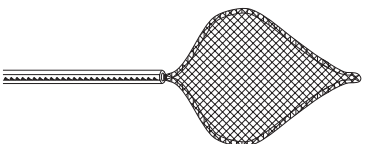
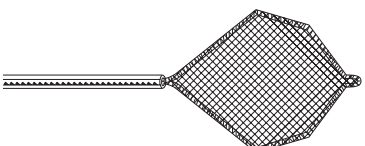
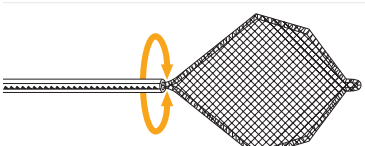
\*FOR1-N3-30-220



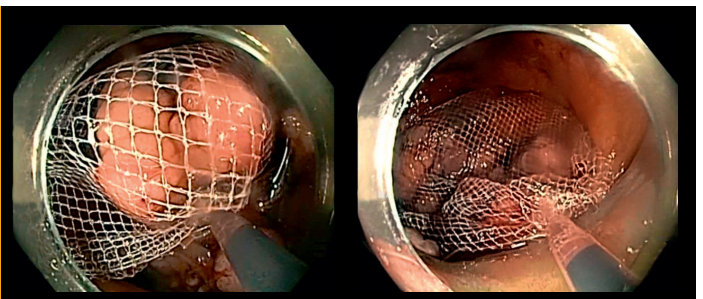
# Foreign Body

## OCTOPUS Foreign body retrieval net



	Product Code	Characteristics	Volume Net	Length	∅ Working Channel	Unit
	FOR1-N1-20-180	Hexagonal, framed, Paediatrics	3 cm <sup>3</sup>	180 cm	2,0 mm	5
	FOR1-N1-30-220	Oval, framed	6 cm <sup>3</sup>	220 cm	2,8 mm	5
	FOR1-N1-40-220	Reservoir function, framed	8 cm <sup>3</sup>	220 cm	2,8 mm	5
	FOR1-N2-30-220	Kite, framed	6 cm <sup>3</sup>	220 cm	2,8 mm	5
	FOR1-N3-30-220	Kite, framed, rotatable	6 cm <sup>3</sup>	220 cm	2,8 mm	5

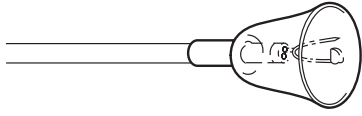
Owing to a new reservoir design Octopus enables easy and reliable recovery of multiple objects simultaneously. Whereby 1:1 rotatability facilitates manoeuvring during foreign body recovery. The extremely sturdy net reliably maintains its position and does not slip.



# Foreign Body

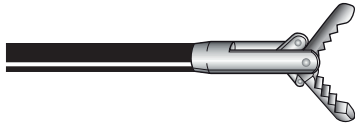




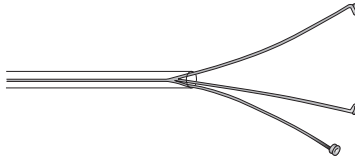
## Foreign body protection cap



	Product Code	Characteristics	Unit
	WS0420000	Foreign body protection cap	10

## Foreign body forceps

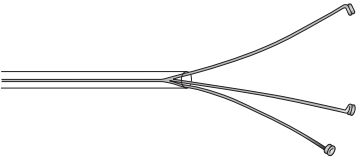
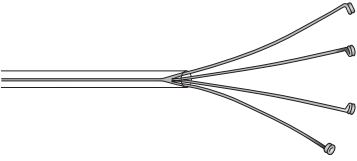


	Product Code	Characteristics	Opening width	ø Tube	Length	ø Working Channel	Unit
	FOR1-A1-23-230	Alligator, metal spring, coated	9 mm	2,3 mm	230 cm	2,8 mm	5
	FOR1-A2-23-230	Hybrid jaw configuration alligator/rat tooth, metal spring, coated	9 mm	2,3 mm	230 cm	2,8 mm	10
	FOR1-A2-23-260	Hybrid jaw configuration alligator/rat tooth, metal spring, coated Balloon Enteroscopy	8 mm	2,3 mm	260 cm	2,8 mm	5
	FOR1-P1-18-230	Pelican, coated, Paediatrics	9 mm	1,8 mm	230 cm	2,0 mm	5
	FOR1-P1-23-230	Pelican, coated	15,5 mm	2,3 mm	230 cm	2,8 mm	5
	FOR1-H3-23-230	Three-arm grasping forceps, PTFE catheter	-	2,3 mm	230 cm	2,8 mm	5

# Foreign Body

## Foreign body forceps (Reusable)

134°C

	Product Code	Characteristics	∅ Tube	Length	∅ Working Channel	Unit
	FOR2-H3-23-230	Three-arm grasping forceps, PTFE catheter	2,3 mm	230 cm	2,8 mm	1
	FOR2-J3-23-230	Four-arm grasping forceps, PTFE catheter	2,3 mm	230 cm	2,8 mm	1

# Buried-Bumper-Therapy



#flexible

Multidimensional cutting  
for precise excision of the retaining plate

Accurate positioning facilitates the  
star-shaped incision of the mucosa

## FLAMINGO

### Buried-bumper syndrome? Complete flexibility!

Inspired by nature, extremely versatile and effective: The novel Flamingo-kit – a system to meet the therapeutic challenges of the buried-bumper syndrome.

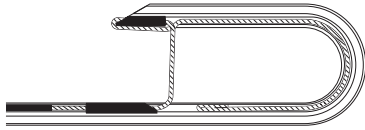
A simple yet precise excision of the PEG's retaining plate, thanks to the unique cutting wire design, which allows multidimensional cutting.

# Buried-Bumper-Therapy

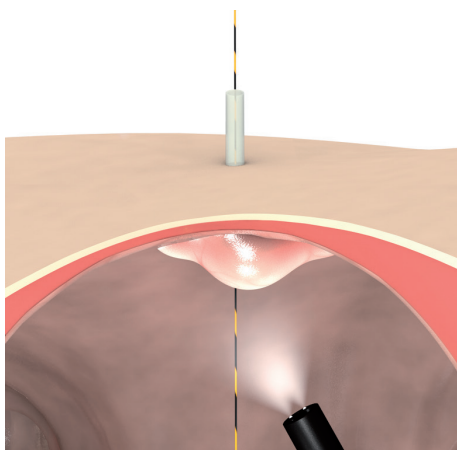
## FLAMINGO Kit



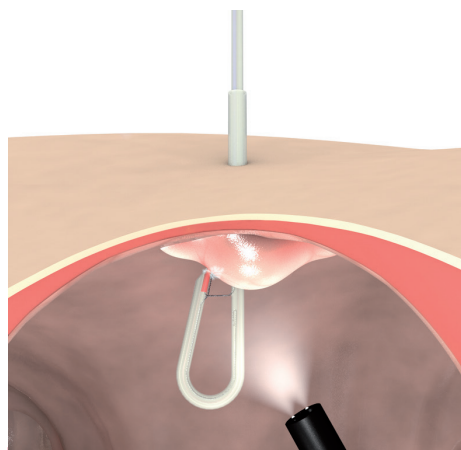
Product Code	Characteristics	Cutting Length	Length	Accepted Guide Wire	Unit
POL3-P1-40-30-30	Flamingo kit consisting of:				1
	1 Flamingo for 15Fr PEG probe, 2 lumen, CWT, rotatable	6   10 mm	30 cm	.035"	
	1 Foreign body forceps, alligator/rat tooth	-	230 cm	-	
	1 Guide wire, hydrophilic tip	-	120 cm	-	



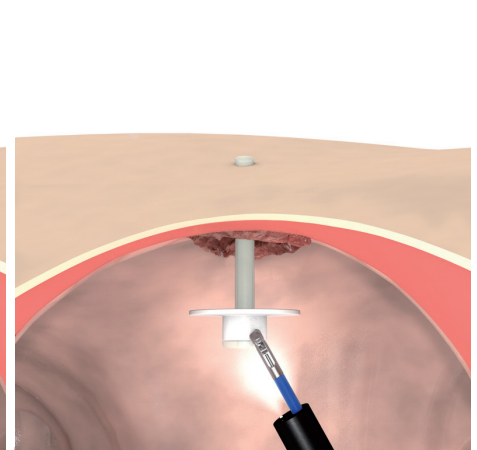
### PUSH TECHNIQUE



**1** Exploration with the PEG probe using a guide wire



**2** Cutting the PEG probe free with the **Flamingo** by making a star-shaped incision



**3** Removal of the PEG probe from the stomach with the foreign body forceps





# HEMOSTASIS & LIGATION

MANTA

lcus<sup>2</sup>

clipmaster

Injection Needles 74  
Clip Applicators 79

# Hemostasis & Ligation



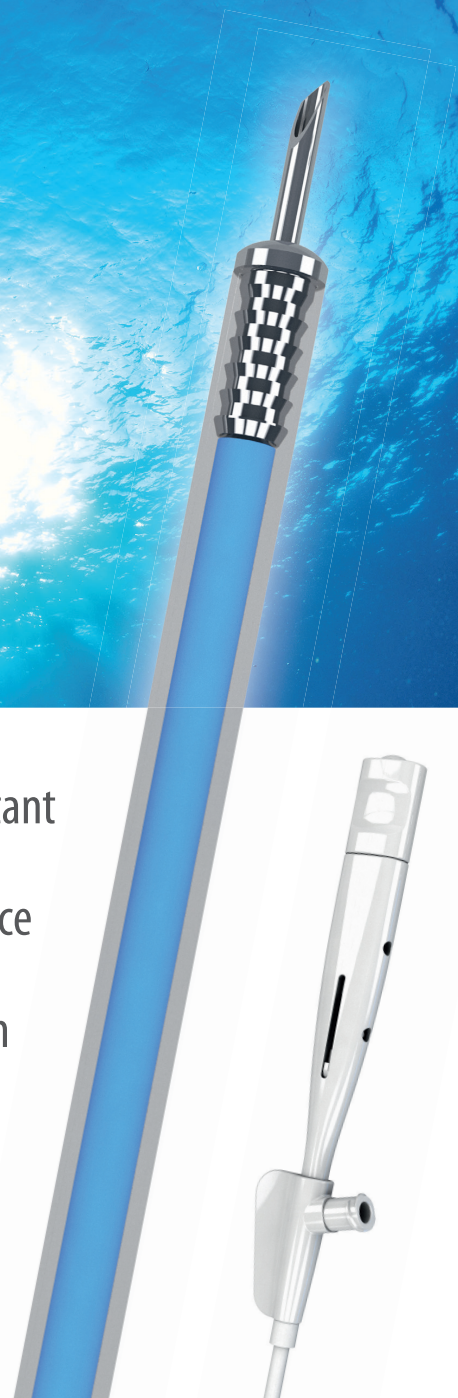
#extreme

Precise needle activation and kink-resistant

40% lower injection resistance

Easy handling due to single hand operation

## MANTA



### Impressive precision in extreme positions!

Follows every curve: the flexible Manta injection needle even finds its way through highly convoluted regions of the body and yet retains its extreme precision.


Maximum kink-resistance and single handed operation ease the application. The unique needle design makes the injection of fluids noticeably easier.



# Hemostasis & Ligation

## MANTA Injection needles



	Product Code	Characteristics	Needle ø   Length	Length	ø Working Channel	Unit
	INJ1-A3-05-5-18-240	Latching mechanism, distal needle guide, suitable with Histoacryl	0,5 mm (25 Gauge)   5 mm	240 cm	2,0 mm	5
	INJ1-A3-07-5-18-240	Latching mechanism, distal needle guide, suitable with Histoacryl	0,7 mm (23 Gauge)   5 mm	240 cm	2,0 mm	5

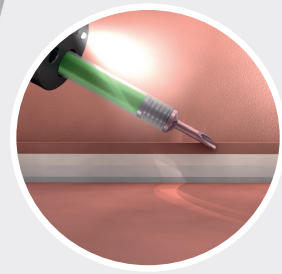
For many injection needles, applications in the terminal ileum or caecum constitute borderline cases where numerous instruments can no longer be activated reliably. Even 90° angulation of the injection needle by the Albarran lever in a duodenoscope often leads to failure of the instrumentation. In such a case, Manta ensures reliable retraction and extension of the needle, even in sharply angulated device positions, and prevents feared damage to the working channel.



# Hemostasis & Ligation



20% reduction in friction  
for precision puncture



20% easier piercing

80% less effort when  
administering injections




icus<sup>2</sup>

# Hemostasis & Ligation

**lcus<sup>2</sup>** Injection needles



	Product Code	Characteristics	Needle ø   Length	Length	ø Working Channel	Unit
	INJ1-A2-05-3-23-230	Latching mechanism, distal needle guide, suitable with Histoacryl	0,5 mm (25 Gauge)   3 mm	230 cm	2,8 mm	10
	INJ1-A2-07-3-23-230	Latching mechanism, distal needle guide, suitable with Histoacryl	0,7 mm (23 Gauge)   3 mm	230 cm	2,8 mm	10
	INJ1-A2-05-4-23-180	Latching mechanism, distal needle guide, suitable with Histoacryl	0,5 mm (25 Gauge)   4 mm	180 cm	2,8 mm	10
	INJ1-A2-05-4-23-230	Latching mechanism, distal needle guide, suitable with Histoacryl	0,5 mm (25 Gauge)   4 mm	230 cm	2,8 mm	10
	INJ1-A2-07-4-23-180	Latching mechanism, distal needle guide, suitable with Histoacryl	0,7 mm (23 Gauge)   4 mm	180 cm	2,8 mm	10
	INJ1-A2-07-4-23-230	Latching mechanism, distal needle guide, suitable with Histoacryl	0,7 mm (23 Gauge)   4 mm	230 cm	2,8 mm	10
	INJ1-A2-07-5-23-180	Latching mechanism, distal needle guide, suitable with Histoacryl	0,7 mm (23 Gauge)   5 mm	180 cm	2,8 mm	10
	INJ1-A2-07-5-23-230	Latching mechanism, distal needle guide, suitable with Histoacryl	0,7 mm (23 Gauge)   5 mm	230 cm	2,8 mm	10
	INJ1-A2-09-5-23-180	Latching mechanism, distal needle guide, suitable with Histoacryl	0,9 mm (21 Gauge)   5 mm	180 cm	2,8 mm	10
	INJ1-A2-09-5-23-230	Latching mechanism, distal needle guide, suitable with Histoacryl	0,9 mm (21 Gauge)   5 mm	230 cm	2,8 mm	10

## Proven reliable needle guidance


No matter whether it is a case of injection-supported polypectomy or haemostasis, **lcus<sup>2</sup>** permits precision injection thanks to easier piercing behaviour and smoother functioning. In future, have confidence in proven reliable needle guidance and thereby protect your working channel.

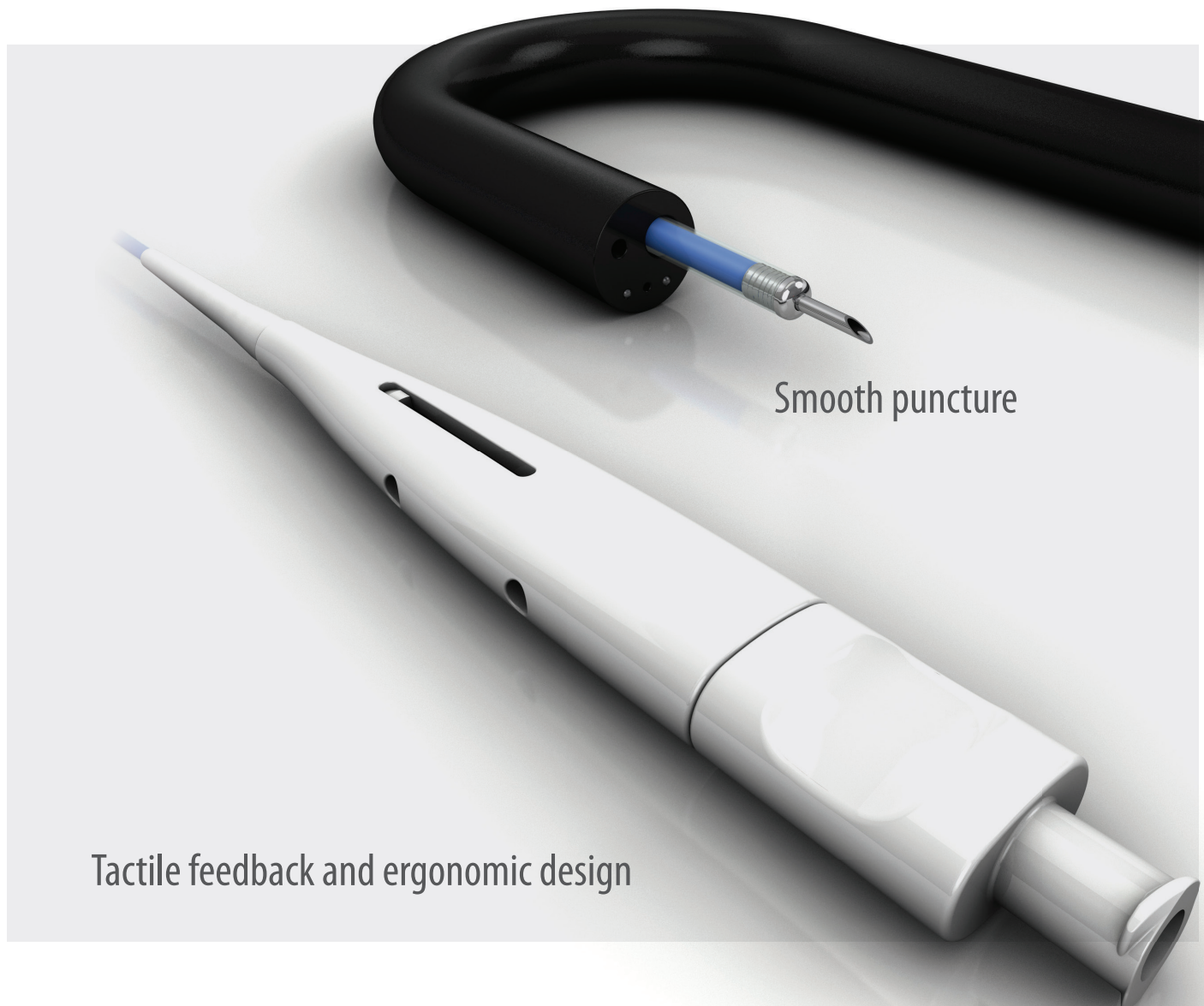


# Hemostasis & Ligation

## ICUS Injection needles



	Product Code	Characteristics	Needle ø   length	Length	ø Working Channel	Unit
	INJ1-A1-07-5-18-180	Latching mechanism, distal needle guide, suitable with Histoacryl	0,7 mm (23 Gauge)   5 mm	180 cm	2,0 mm	10
	INJ1-A1-07-5-18-260	Latching mechanism, distal needle guide, suitable with Histoacryl, Balloon Enteroscopy	0,7 mm (23 Gauge)   5 mm	260 cm	2,0 mm	10



Smooth puncture

Tactile feedback and ergonomic design

# Hemostasis & Ligation



Compact clip design providing easier lesion accessibility for multiple clip placement

Unique clip jaw design with excellent compression force

**Clipmaster®**

## New clipmaster clip applicator

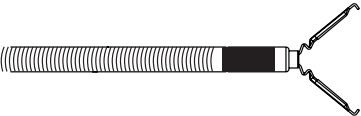
The new clipmaster offers simple and safe haemostasis. With dedicated, 90°-angled hook design as well as pointed and overlapping jaws, effective tissue traction is ensured.

Compact clip design helps to maintain tissue defect access during multiple clip placements.

# Hemostasis & Ligation

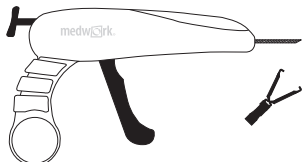

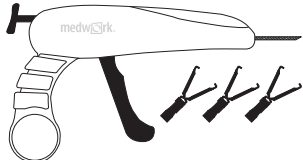

## NEW Clip applicator



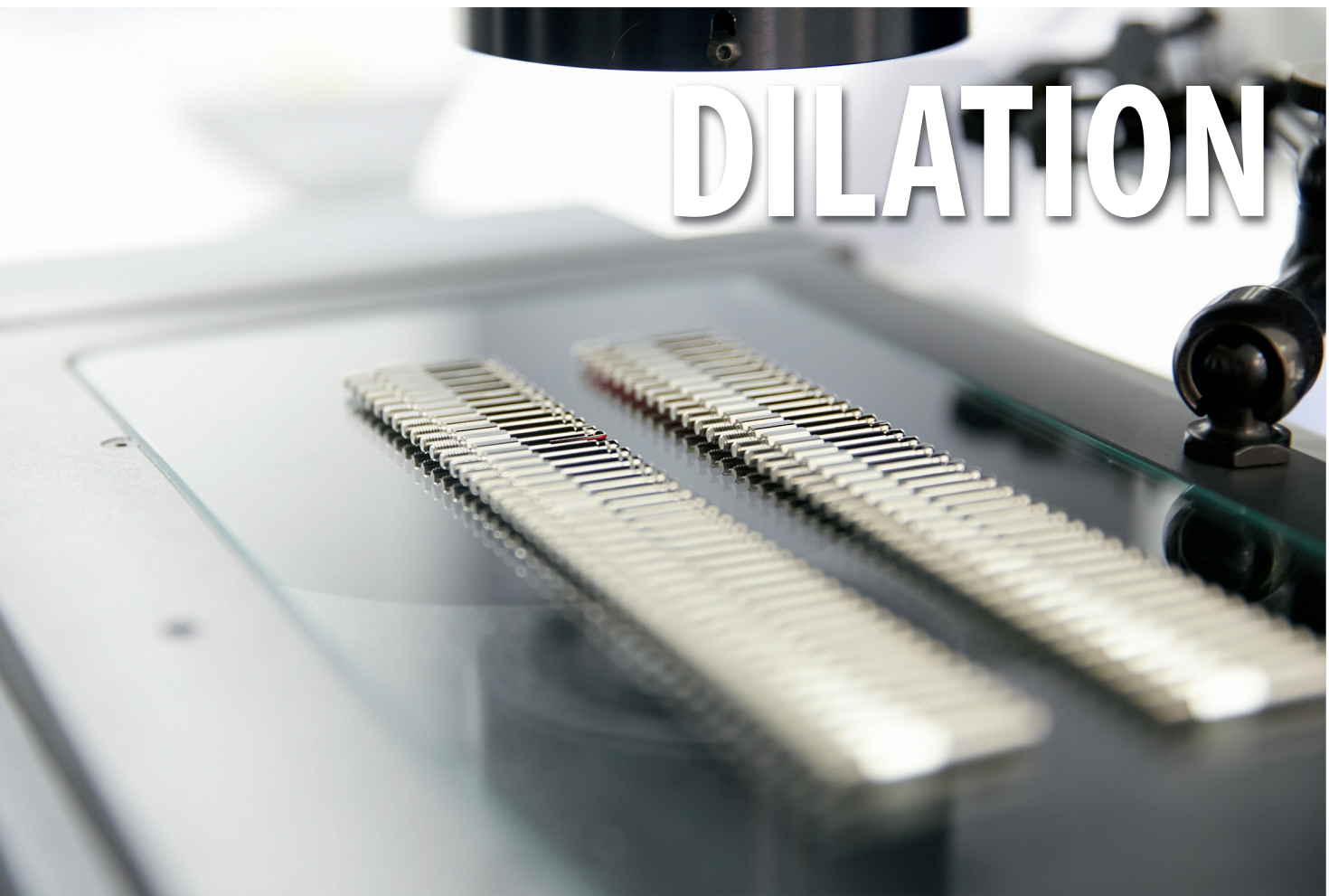
	Product Code	Characteristics	Opening Width	Length	ø Working Channel	Unit
	SPE1-X9-26-230	Coated, 360° positioning	12 mm	210 cm	2,8 mm	10

## Clip applicators



	Product Code	Characteristics	Opening Width	Length	ø Working Channel	Unit
	SPE1-X1-26-220	 1 Clip preloaded, 360° positioning	12 mm	206 cm	2,8 mm	2
	SPE1-X3-26-220	 3 Clips preloaded, 360° positioning	12 mm	206 cm	2,8 mm	2

# DILATION



Dilation Balloons 82  
Insufflation Device 83

# Dilation

easyCure®: For guide wires  $\geq 200$  cm

Conservative approach

Outstanding radiological visibility

# DILATION BALLOONS

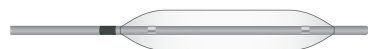


# Dilation



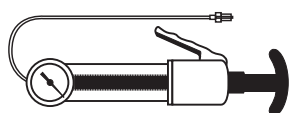
## Dilation balloons

Working Length 230 cm



Product Code	Characteristics	ø Balloon	Length Balloon	Accepted Guide Wire	ø Working Channel	Unit
DIL1-A1-06-40-23-35	2 Radiopaque markings, tapered catheter (2,3   1,8 mm), for short and long wire technique	6 mm	40 mm	.035" ≥ 200 cm	2,8 mm	2
DIL1-A1-08-40-23-35	2 Radiopaque markings, tapered catheter (2,3   1,8 mm), for short and long wire technique	8 mm	40 mm	.035" ≥ 200 cm	2,8 mm	2
DIL1-A1-10-40-23-35	2 Radiopaque markings, tapered catheter (2,3   1,8 mm), for short and long wire technique	10 mm	40 mm	.035" ≥ 200 cm	2,8 mm	2
DIL1-A1-12-60-23-35	2 Radiopaque markings, for short and long wire technique	12 mm	60 mm	.035" ≥ 200 cm	2,8 mm	2
DIL1-A1-14-60-23-35	2 Radiopaque markings, for short and long wire technique	14 mm	60 mm	.035" ≥ 200 cm	2,8 mm	2
DIL1-A1-16-60-23-35	2 Radiopaque markings, for short and long wire technique	16 mm	60 mm	.035" ≥ 200 cm	2,8 mm	2
DIL1-A1-18-60-23-35	2 Radiopaque markings, for short and long wire technique	18 mm	60 mm	.035" ≥ 200 cm	2,8 mm	2
DIL1-A1-20-60-23-35	2 Radiopaque markings, for short and long wire technique	20 mm	60 mm	.035" ≥ 200 cm	3,2 mm	2

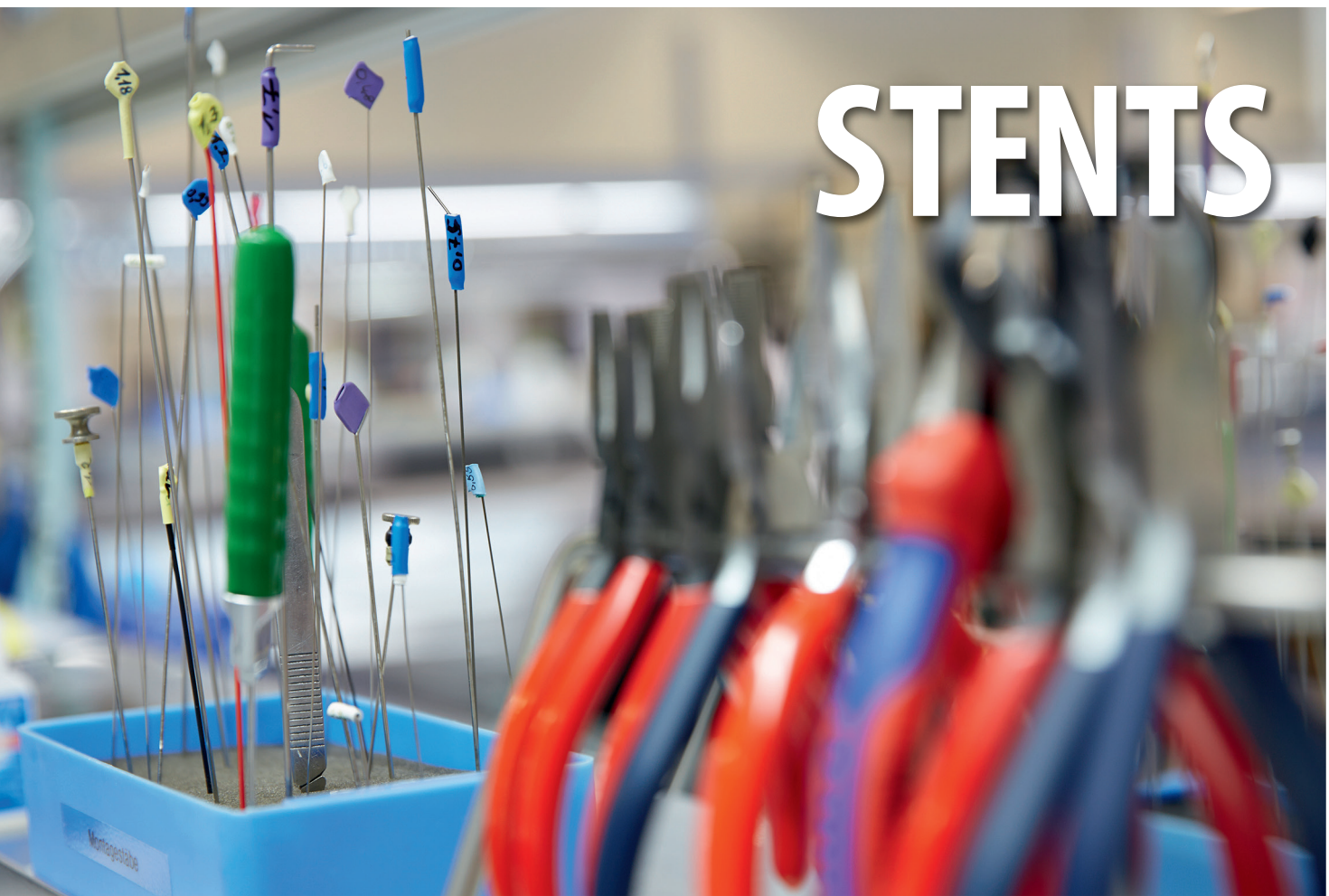
## Insufflation device



Product Code	Characteristics	Unit
DIL1-B1-60	60 ml volume, 12 Atm maximum pressure	1



# STENTS



GPS Wire

# Stents



Guide wires

Precise exploration

Stable instrument guidance

Smooth transition between tip and coating

## GPS Wire

### Arrive safely

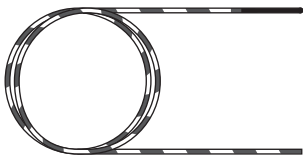
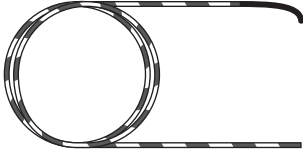
The atraumatic tip of the GI Probing Scout ensures conservative exploration. The sturdy sheath reliably guides therapy instruments to their destination. A smooth transition

between the hydrophilic tip and the coating enhances the precision control of your instruments. In addition, handling is facilitated by the newly designed insertion aid.

# Stents


## GPS Wire with hydrophilic coated tip



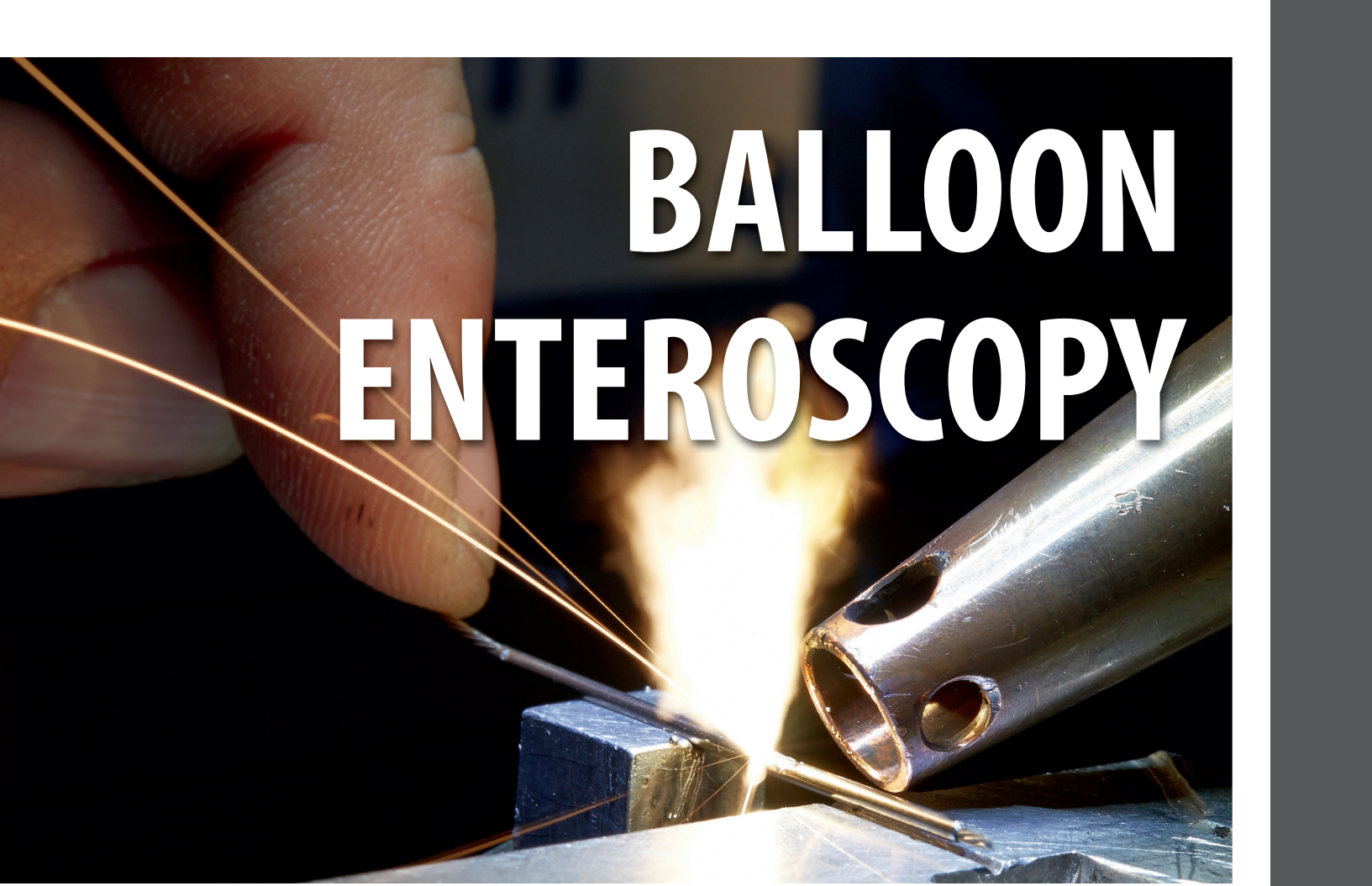
	Product Code	Characteristics	Diameter	Length	Unit
	WIR1-S6-35-260	Staight, Nitinol, insulated, green/white	.035"	260 cm	5
	WIR1-S6-35-450	Staight, Nitinol, insulated, green/white	.035"	450 cm	5
	WIR1-J6-35-260	J-Tip, Nitinol, insulated, green/white	.035"	260 cm	5
	WIR1-J6-35-450	J-Tip, Nitinol, insulated, green/white	.035"	450 cm	5

## Guide wires



	Product Code	Characteristics	Diameter	Length	Unit
	WIR1-F7-35-260	Straight, Nitinol, coated, extra stiff	.035"	260 cm	2
	WIR1-F7-35-400	Straight, Nitinol, coated, extra stiff	.035"	400 cm	2





# BALLOON ENTEROSCOPY

AXS\_tome MANTA lcus EndoBite<sup>2</sup> RACoon Brush

Sphincterotomes	90	Biopsy Forceps	93
ERCP-Cannula	91	Polypectomy Snares	94
Stone Extraction Baskets	91	Cleaning Brush	95
Injection Needles	92	Guide Wire	96

# Balloon Enteroscopy



## Conservative and safe approach

Our multi-stage catheter ensures stability during probing. Precision control of the catheter and reliable 11 o'clock orientation facilitate a conservative biliary approach. Owing to a smooth guidewire transition to the micro-tip it is possible to minimise tissue irritation and reduce the risk of complications.



## AXS\_tome Sphincterotomes (2 lumen)




	Product Code	Characteristics	Cutting Length	Accepted Guide Wire	∅ Working Channel	Unit
	PAP1-D2-30-21-0L	Micro-Tip, CWT	30 mm	.021"	2,0 mm	2
	PAP1-N2-20-21-0L	B II, CWT	20 mm	.021"	2,0 mm	2



# Balloon Enteroscopy

## ERCPCannula



	Product Code	Characteristics	Length	Accepted Guide Wire	ø Working Channel	Unit
	CAN1-B3-18-260-35	Filiform, 1 lumen, radiopaque marking	260 cm	.035"	2,0 mm	2

## Stone extraction baskets



	Product Code	Characteristics	ø Basket	Length	ø Working Channel	Unit
	BAS1-C1-20-18-260	Half twisted	20 mm	260 cm	2,0 mm	2
	BAS1-C2-25-23-260	Half twisted	25 mm	260 cm	2,8 mm	2

ATTENTION: medwork products of the BAS series are perfectly suited for use with other system products in this series. Please note that when combined with products / instruments from other manufacturers substantial functional limitations may occur. A liability of medwork for such cases is excluded.

# Balloon Enteroscopy




## Impressive precision in extreme positions!

Follows every curve: the flexible Manta injection needle even finds its way through highly convoluted regions of the body and yet retains its extreme precision.

Maximum kink-resistance and single handed operation ease the application. The unique needle design makes the injection of fluids noticeably easier.

## MANTA Injection needles




	Product Code	Characteristics	Needle ø   Length	Length	ø Working Channel	Unit
	INJ1-A3-05-5-18-240	Latching mechanism, distal needle guide, suitable with Histoacryl	0,5 mm (25 Gauge)   5 mm	240 cm	2,0 mm	5
	INJ1-A3-07-5-18-240	Latching mechanism, distal needle guide, suitable with Histoacryl	0,7 mm (23 Gauge)   5 mm	240 cm	2,0 mm	5

# Balloon Enteroscopy

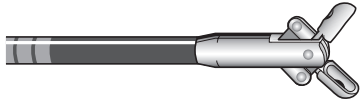
## ICUS Injection needles



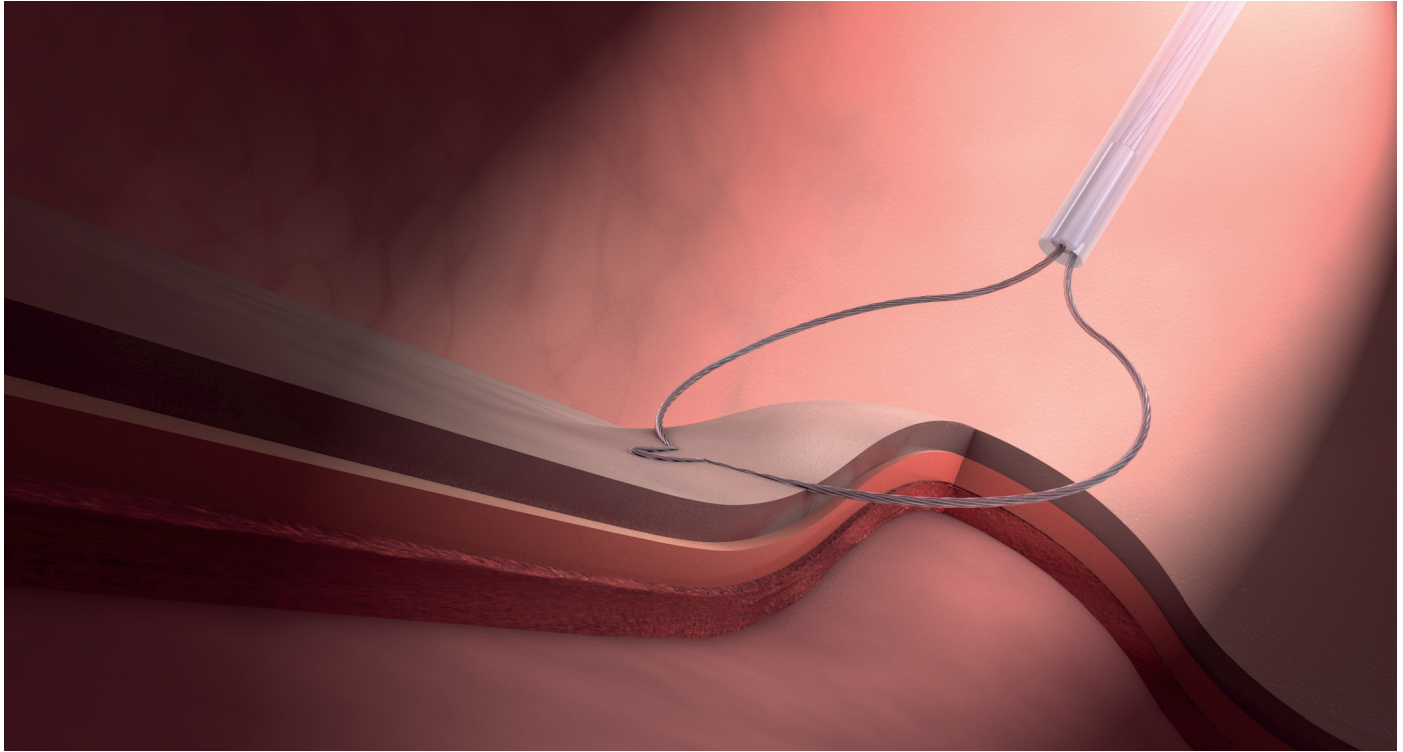
	Product Code	Characteristics	Needle ø   length	Length	ø Working Channel	Unit
	INJ1-A1-07-5-18-260	Latching mechanism, distal needle guide, suitable with Histoacryl	0,7 mm (23 Gauge)   5 mm	260 cm	2,0 mm	10

## EndoBite<sup>2</sup> Biopsy forceps



	Product Code	Characteristics	ø Jaws	Length	ø Working Channel	Unit
	BI01-C4-18-260	Oval jaws, coated	1,8 mm	260 cm	2,0 mm	10

# Balloon Enteroscopy



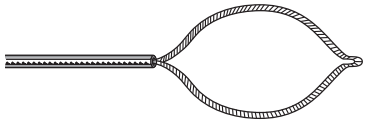
## Compacted Wire Technology (CWT)

Compacted Wire Technology combines the benefits of a mono-filament snare with those of a braided snare:

- ✓ Easier positioning with flat lesions
- ✓ Sparing tissue ablation

## Polypectomy snares (CWT)



	Product Code	Characteristics	∅ Snare	Length	∅ Working Channel	Unit
	POL1-B1-10-23-260-OL	Convex	10 mm	260 cm	2,8 mm	10
	POL1-B1-15-23-260-OL	Convex	15 mm	260 cm	2,8 mm	10
	POL1-B1-20-23-260-OL	Convex	20 mm	260 cm	2,8 mm	10
	POL1-B1-30-23-260-OL	Convex	30 mm	260 cm	2,8 mm	10

# Balloon Enteroscopy




## Conscientious and reliable cleaning

Raccoon cleaning brushes ensure optimal force transmission when cleaning your endoscope. The distal protection head reliably

guards the working channel. The dense brush structure makes cleaning even more efficient.

## RACCOON Brush Cleaning brush




	Product Code	Characteristics	ø Brush	Length	ø Working Channel	Unit
	CLE1-C2-30-16-280	2 Brushes	3 mm	280 cm	2,0 - 2,8 mm	10

# Balloon Enteroscopy

## Guide Wire



	Product Code	Characteristics	Diameter	Length	Unit
	WIR1-F1-21-500	Straight, Nitinol, coated	.021"	500 cm	2

# ACCESSORIES



KOALA RACoon Brush SHEPHERD FROG JAZZ

Polytraps	98	Biopsy Valves	104
Cleaning Brushes	100	Spray Catheters	105
Endoscope Protector	102	Endoscope Valve Kit	106
Lavage Catheters	103	Bite Blocks	107
		Miscellaneous	108

# Accessories



#mindful

Safe and simple removing of specimens

Unrestricted suction function

Two removable strainers

## KOALA



## Continuity in use!

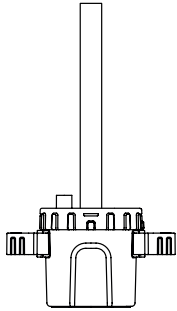
Of course it cannot handle two kilos of eucalyptus, but it can manage countless polyps cleanly and safely. The two removable strainers of the koala polyp trap facilitate easy removal of tissue specimens

and therefore protect against contamination with biomaterial. The suction function is limitless throughout the procedure.



# Accessories

## KOALA Polyptrap



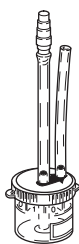
Product Code	Characteristics	Unit
TRP1-S2	2 integrated strainers, white	25
TRP1-S4	2 integrated strainers, white and 2 additional strainers, grey	25

### Minimised contamination risk

On account of the two integrated strainers of the new Koala it is no longer necessary to deposit a contaminated strainer outside the system. That minimises contamination with biomaterial, and hence the infection risk.



## Polyptraps



Product Code	Characteristics	Unit
MIS1-POLYPTRAP	4 chambers, connecting tubes to suction pump   endoscope	10
MIS1-POLYPTRAP50	4 chambers, connecting tubes to suction pump   endoscope	50

# Accessories



#clean



Protection head guards the working channel

Enhanced cleaning efficiency thanks to dense bristles

Optimal force transmission

## RACCOON Brush

### Conscientious and reliable cleaning

Raccoon cleaning brushes ensure optimal force transmission when cleaning your endoscope. The distal protection head reliably

guards the working channel. The dense brush structure makes cleaning even more efficient.

# Accessories

## RACoon Brush Cleaning brushes



	Product Code	Characteristics	ø Brush	Length	ø Working Channel	Unit
	CLE1-B1-30-16-100	For bronchoscope, 1 brush	3 mm	100 cm	2,0 - 2,8 mm	50
	CLE1-B2-30-16-100	For bronchoscope, 2 brushes	3 mm	100 cm	2,0 - 2,8 mm	50
	CLE1-G1-30-16-180	For gastroscope, 1 brush	3 mm	180 cm	2,0 - 2,8 mm	50
	CLE1-G1-50-18-180	For gastroscope, 1 brush	5 mm	180 cm	2,0 - 4,8 mm	50
	CLE1-G2-50-18-180	For gastroscope, 2 brushes	5 mm	180 cm	2,0 - 4,8 mm	50
	CLE1-C1-50-18-230	For colonoscope, 1 brush	5 mm	230 cm	2,0 - 4,8 mm	50
	CLE1-C1-65-18-230	For colonoscope, 1 brush	6 mm	230 cm	2,0 - 4,8 mm	50
	CLE1-C2-30-16-280	For colonoscope, 2 brushes	3 mm	280 cm	2,0 - 4,8 mm	10
	CLE1-C2-50-18-230	For colonoscope, 2 brushes	5 mm	230 cm	2,0 - 4,8 mm	50
	CLE1-C3-50-18-230	For colonoscope, 3 brushes	5 mm	230 cm	2,0 - 2,8 mm	50
	CLE1-V2-012	For endoscope valve intake	11 mm   5 mm	12 cm	-	10
	CLE1-V2-012-50	For endoscope valve intake	11 mm   5 mm	12 cm	-	50
		CLE1-C4-18-230	For colonoscope, 1 brush, distal protection ball	5 mm	230 cm	2,0 - 4,8 mm
CLE1-C6-18-230		For colonoscope, 2 brushes, distal protection ball	5 mm	230 cm	2,0 - 4,8 mm	50
CLE1-D2-18-230		For colonoscope and endoscope valve intake, 2 brushes, distal protection ball	10 mm   5 mm	230 cm	2,0 - 4,8 mm	50

## Cleaning brushes colonoscope kit



	Product Code	Characteristics	ø Working Channel	Unit
	CLE1-KIT2-COLO	Cleaning brushes colonoscope kit including:		50
		1 CLE1-C6-18-230 For colonoscope, 2 brushes, distal protection ball 1 CLE1-V2-016 For endoscope valve intake	2,0 - 4,8 mm	

# Accessories



Optimal protection for your endoscope

Four colours, numerous options  
for individual marking

Hygienic individual packaging

## SHEPHERD



### The reliable companion for any endoscopy


The medwork Shepherd products effectively prevent damage to the distal end of your flexible endoscopes.

With their soft foam material, your endoscope is protected at all times - during transport or storage.

# Accessories


## SHEPHERD Endoscope protector



	Product Code	Characteristics	ø Outer	ø Inner	Length	Unit
	SHP1-U1	Four colors	37 mm	4 - 10 mm	14 cm	50

## Lavage catheters



	Product Code	Characteristics	Length	ø Working Channel	Unit
	SPE1-B5-18-120	LL-connector	120 cm	2,0 mm	5
	SPE1-B5-21-120	LL-connector	120 cm	2,8 mm	5

# Accessories



#safe

Optimised tightness

Less friction

Easy to open and close

# FROG



## Protects and seals tight!

Grips as tight as a frog's suction pad: the novel Frog Biopsy Valve seals especially tight, yet remains easy to open and close.

Less friction allows quicker and less complicated insertion of instruments. Supplied in a practical, space saving dispenser with mounting option.

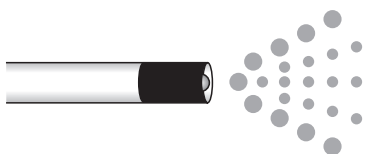
# Accessories

## FROG Biopsy valves



Product Code	Characteristics	Unit
VAL1-F1-100	For Olympus and Fujifilm endoscopes	100
VAL1-P1-100	For Pentax endoscopes	100

## Spray catheters



Product Code	Characteristics	Length	ø Working Channel	Unit
SPE1-B6-18-120	Spray catheter	120 cm	2,0 mm	10
SPE1-C6-18-220	Spray catheter	220 cm	2,0 mm	10



# Accessories



The only disposable valve kit  
recommended by **FUJIFILM**  
for ELUXEO 700 series

## JAZZ

### The advantages at a glance

- ✓ Protection against infection and cross contamination for patient and user
- ✓ Reducing time and effort in the endoscope reprocessing
- ✓ No risks induced by cleaning, drying and storage
- ✓ Fast and reliable patient documentation due to additional label with product data
- ✓ Perfect valve operation - every time



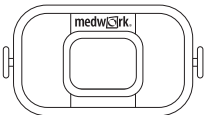

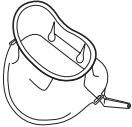


# Accessories



Figure: BYT1-A3-20

## Bite blocks



	Product Code	Characteristics	ø Inner	Unit
	BYT1-A3-20	Standard, white, with OEKO TEX® strap	 20 mm	100
	BYT1-B1-16	With oxygen connection, light blue, without strap	16 mm	10
	BYT1-B3-16	With oxygen connection, light blue, with OEKO TEX® strap	 16 mm	10
	BYT1-B3-16-100	With oxygen connection, light blue, with OEKO TEX® strap	 16 mm	100

# Accessories



Safety for patient and user

Ergonomic controls

Reliability in every procedure

## #reliableandsafe

When speed is essential you want the complete endoscope valve kit at hand in an instant. One packaging unit contains: Air/water valve, suction valve and biopsy valve.



### Traceability

Fast and reliable patient documentation due to additional self-adhesive label with product data

## JAZZ Endoscope valve kit for FUJIFILM 700 series

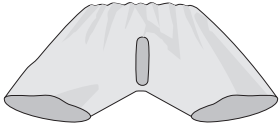
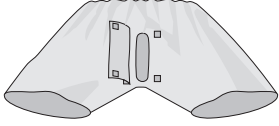
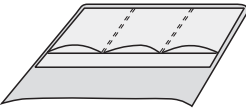
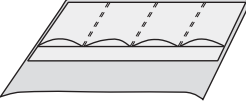


	Product Code	Characteristics	Unit
	VAL1-G7-50	Disposable endoscope valve kit for Fujifilm endoscopes (700 series endoscopes), consisting of: air/water valve, suction valve and biopsy valve FROG	50

# Accessories


## Miscellaneous



	Product Code	Characteristics	Unit
	MIS1-COLO-PANTS1	Colonoscopy examination pants, dark blue, fleece, including elastic, slit, Bermuda (width 61 cm   length 65 cm)	100
	MIS1-COLO-PANTS	Colonoscopy examination pants, dark blue, fleece, including elastic, slit with hook-and-loop cover, prolonged waistline, Bermuda (width 70 cm   length 60 cm)	100
	MIS1-COLO-PANTS-XXL	Colonoscopy examination pants, dark blue, fleece, including elastic, slit with hook-and-loop cover, prolonged waistline, Bermuda (width 85 cm   length 70 cm)	10
	MIS1-TOWEL-3	ERCP towel, sterile, with 3 transparent insertion bags (30 x 26 cm), 75 x 90 cm	10
	MIS1-TOWEL-4	ERCP towel, sterile, with 4 transparent insertion bags (30 x 20 cm), 75 x 90 cm	10

## Product clip (Reusable)

134°C

	Product Code	Characteristics	Unit
	MIS2-PRO-CLIP	Reusable product clip for fixation and reprocessing of flexible accessories, autoclavable up to 134°C, opening width 0-10 mm	20

