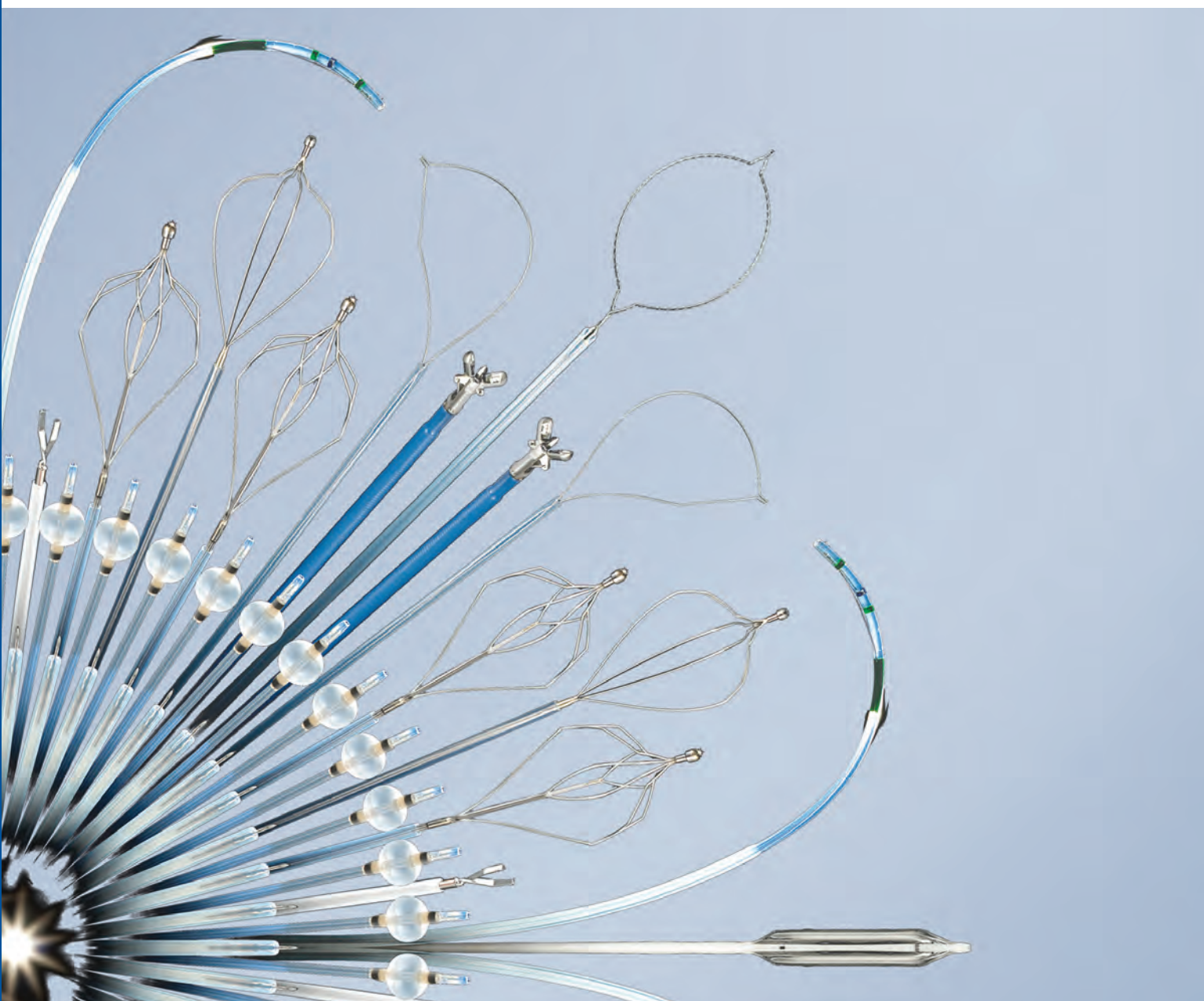


OLYMPUS[®]

Your Vision, Our Future

Endoscopic Devices Product Catalog



Endoscopic Devices

**Your patients trust you to provide the best care.
Who do *you* trust?**

With Olympus as your partner, you'll have access to high-quality endoscopic devices and unique service options to help you effectively diagnose and treat your patients.



TJF-Q180V Duodenoscope

Enhanced with a new, larger display, superb image quality, and a redesigned V-Groove, to securely lock either a 0.025- or 0.035-inch guidewire.

page 22



VisiGlide 0.025-inch Guidewire

Designed with the same stiffness as 0.035-inch guidewire to allow the use of one guidewire for a variety of procedures.

page 9



Multi-3V Plus Extraction Balloon

Made of premium-quality material highly resistant to breaking, potentially reducing overall extraction balloon expenditures.

page 11

Expand your options with endoscopic devices and accessories for:

- ERCP
- Tissue Acquisition
- Foreign Body Retrieval
- Endoscopic Mucosal Resection
- Polypectomy
- Hemostasis and Electrosurgery
- Respiratory Applications
- Enteroscopy
- GI Procedures
- Endoscope Cleaning and Care



EndoJaw 3.2 mm Disposable Biopsy Forceps

Designed with a wide jaw and a slim footprint to maximize clinical effectiveness while ensuring a proper fit for minimal channel damage.

page 52



ESG-100 Electrosurgical Generator

Continuously monitors tissue, reducing the risk of burns while optimizing coagulation effects.

page 124



Cleaning Brushes

Developed with the same exacting precision as Olympus endoscopes to deliver proven cleaning performance.

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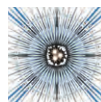
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ERCP

TISSUE ACQUISITION

POLYPECTOMY

HEMOSTASIS

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EMR/EUS

RESPIRATORY

ELECTROSURGICAL
GENERATORS

ENTEROSCOPIC
ACCESSORIES

GI ACCESSORIES &
OTHER PRODUCTS

REFERENCE

Device Nomenclature

Example A:

Catalog numbers with 2 digits following device type (1)

FB – 25 K R – 1
(1) (2) (3) (4) (5)

In this example, (1) FB stands for Biopsy Forceps, (2) 25 is the model number, (3) K indicates that the sheath length is 1550 mm, (4) R indicates rotatability, and (5) 1 indicates reusability

Example B:

Catalog numbers with 3 digits following device type (1)

SD – 2 10 U – 10
(1) (5) (2) (3) (6)

In this example, (1) SD stands for Diathermy Snare, (2) 10 is the model number, (3) U indicates that the sheath length is 2300 mm, (5) 2 indicates single use, and (6) 10 indicates that the loop diameter is 10 mm.

KEY

1. The first two letters in every catalog number, (1), indicate the device type. (See Table 1)
2. The digits in the middle, (2), indicate the exact model within the range of that type.
3. The letters in the code, (3), indicate the working length of the sheath. (See Table 2)
4. Some selected devices will have an additional 'R' (4) after their model reference, which indicates rotatability.
5. As shown in Example A, "1," (5), indicates that the product is reusable, designed for the Olympus "Refined Reprocessing."
5. As shown in Example B, the first digit which follows the device type indicates whether the product is single use or reusable. Even numbers indicate single use. Odd numbers indicate reusability.
6. Selected devices have a number which indicates the specific dimensions of the product.

TABLE 1

FB	Biopsy Forceps
BC	Cytology Brush
BML	Mechanical Lithotripter
FG	Grasping Forceps / Retrieval Baskets
FS	Surgical Scissors / Loop Cutter
PW	Washing Pipe
SD	Diathermy Snare
CD	Coagulation Electrode
FD	Hot Biopsy Forceps
KD	Sphincterotomy Knife
NA	Aspiration Needle
NM	Injection Needle
BW	Cleaning Brush
HX	Clip Fixing/Ligating Device
PR	Cannula
CC	Curette
PBD	Biliary Drainage Tube
B	Balloon Catheter
G	Guide Wire
K	Endoscopic Mucosal Resection

TABLE 2

A	850 mm	R	2050 mm
B	950 mm	S	2150 mm
C	1050 mm	T	2200 mm
D	1150 mm	U	2300 mm
E	1200 mm	V	2400 mm
F	1250 mm	W	2500 mm
G	1300 mm	X	2700 mm
H	1400 mm	Y	2900 mm
J	1450 mm	Z	3000 mm
K	1550 mm	LA	3500 mm
L	1650 mm	LB	4000 mm
M	1700 mm	LD	5000 mm
N	1800 mm	ST	500 mm
P	1900 mm	SW	650 mm
Q	1950 mm	SX	700 mm

Endoscope Specifications

Gastrosopes

Catalog #	Channel ID (mm)	Working Length (cm)
GIF-H180J	2.8	103
GIF-Q180	2.8	103
GIF-N180	2.0	110
GIF-XP180N	2.0	110
GIF-1TQ160	3.7	103
GIF-2TH180	A: 2.8/B: 3.7	103
GIF-XTQ160	6.0	103
GIF-Q160Z	2.8	103

Colonoscopes

Catalog #	Channel ID (mm)	Working Length (cm)
PCF-H180AL/I	3.2	168/133
CF-H180AL/I	3.7	168/133
PCF-Q180AL/I	3.2	168/133
CF-Q180AL/I	3.7	168/133
CF-2T160L/I	A: 3.7/B: 3.2	168/133
CF-Q160ZL/I	3.7	168/133
CF-H180DL/I	3.7	168/133

Single Balloon Enteroscope

Catalog #	Channel ID (mm)	Working Length (cm)
SIF-Q180	2.8	200

Single Balloon Enteroscope Overtube

Catalog #	Insertion Tube OD (mm)	Working Length (cm)
ST-SB1	13.2	132

Duodenoscope

Catalog #	Channel ID (mm)	Working Length (cm)
TJF-Q180V	4.2	124

Video Bronchoscopes

Catalog #	Channel ID (mm)	Working Length (cm)
BF-P180	2.0	60
BF-Q180	2.0	60
BF-Q180-AC	2.0	60
BF-1T180	3.0	60
BF-1TQ180	2.8	60
BF-XP160F	1.2	60
BF-3C160	1.2	60
BF-MP160F	2.0	60
BF-XT160	3.2	60
LTF-160	2.8	27

Ultrasound Endoscopes

Catalog #	Channel ID (mm)	Working Length (cm)
BF-UC180F	2.2	60
GF-UCT180	3.7	125
GF-UC140P-AL5	2.8	125
GF-UCT140-AL5	3.7	125

Endoscope Compatibility

Color Coding and Symbols

As the design of endoscopes and their devices becomes more sophisticated, it is increasingly important that all devices are checked for compatibility with the endoscope before use.

Olympus EndoTherapy products have color coded handles, matching the color indicators on the channel openings of Olympus endoscopes. The color coding is a vital reference to the endoscope's instrument channel diameter. Therefore, by matching a device color coded handle to the channel opening color coding, the correct device can be quickly and easily identified.

The table below gives the color codes and minimum channel diameters through which each device is designed to pass:

White	1.2 mm
Violet	1.7 mm
Blue	2.0 mm
Green	2.6 mm
Yellow	2.8 mm
Orange	3.7 mm
Orange	6.0 mm

Devices of the same color code can differ in length; always verify that the chosen device is long enough for the endoscope.



Autoclavable
Olympus reusable devices designed to be autoclaved for sterilization



Single use only



Supplied sterile



Guidewire compatible



Guidewire compatible



Guidewire compatible



Guidewire compatible

OLYMPUS

EndoTherapy®



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V-SYSTEM ERCP

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V-Holder	22
V-Scope	22

Guidewires

VisiGlide Guidewire



Catalog #	Outer Diameter (in.)	Working Length (cm)	Tip Shape	Package Units
G-240-2527S	0.025	270	Straight	1/Box
G-240-2527A	0.025	270	Angled	1/Box
G-240-2545S	0.025	450	Straight	1/Box
G-240-2545A	0.025	450	Angled	1/Box



25GW

- Specially designed 0.025 in. guidewire features the same stiffness as a 0.035 in. guidewire allowing physicians to use one guidewire for a variety of procedures
- Advanced fluoroscopic and endoscopic markings assist with stricture measurement for precise stent placement
- Terumo Glidewire hydrophilic tip provides “gold-standard” ductal navigation
- Special fluorine coating reduces friction, making device manipulation virtually effortless

Catalog #	Outer Diameter (in.)	Working Length (cm)	Tip Shape	Package Units
G-240-3527S	0.035	270	Straight	1/Box
G-240-3527A	0.035	270	Angled	1/Box
G-240-3545S	0.035	450	Straight	1/Box
G-240-3545A	0.035	450	Angled	1/Box



35GW

- 0.035 in. VisiGlide provides additional shaft support
- Advanced fluoroscopic and endoscopic markings assist with stricture measurement for precise stent placement
- Terumo Glidewire hydrophilic tip provides “gold-standard” ductal navigation
- Special fluorine coating reduces friction, making device manipulation virtually effortless

LinearGuideV Guidewire



Catalog #	Outer Diameter (in.)	Working Length (cm)	Tip Shape	Package Units
G-V210-3527S	0.035	270	Straight	1/Box
G-V210-3527A	0.035	270	Angled	1/Box
G-V210-3545S	0.035	450	Straight	1/Box
G-V210-3545A	0.035	450	Angled	1/Box



35GW

- 50 cm hydrophilic atraumatic tip
- Two-step ring and spiral markings enable physicians to confirm movement and position of the wire within the endoscopic field of view
- Specifically designed to be locked in the V-Groove elevator of the V-Scope
- Floppy tip available in straight and angled configurations

V-System Triple Lumen Sphincterotomes

Catalog #	Working Length (cm)	Distal Tip Outer Diameter (Fr.)	Length-Distal Tip/ Cutting Wire (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
CleverCut3V Triple Lumen Sphincterotomes KD-V411M-0320	170	4.5	03/20	2.8	JF, TJF	1/Box
KD-V411M-0330	170	4.5	03/30	2.8	JF, TJF	1/Box
KD-V411M-0720	170	4.5	07/20	2.8	JF, TJF	1/Box
KD-V411M-0725	170	4.5	07/25	2.8	JF, TJF	1/Box
KD-V411M-0730	170	4.5	07/30	2.8	JF, TJF	1/Box
KD-V411M-1520	170	4.5	15/20	2.8	JF, TJF	1/Box
KD-V411M-1530	170	4.5	15/30	2.8	JF, TJF	1/Box



35GW

- Triple lumen construction
- CleverCut coating
- Constructed to ensure optimal tip orientation
- Monofilament wire
- Precurved, radiopaque tip
- Integrated C-Hook, V-Sheath and V-Marking

Catalog #	Working Length (cm)	Distal Tip Outer Diameter (Fr.)	Length-Distal Tip/ Cutting Wire (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
CleverCut3V Triple Lumen Sphincterotomes Tapered Tip KD-V431M-0720	170	4.0	07/20	2.8	JF, TJF	1/Box
KD-V431M-0730	170	4.0	07/30	2.8	JF, TJF	1/Box



25GW

- Small 4.0 Fr. distal tip for difficult cannulation
- CleverCut coating
- Constructed to ensure optimal orientation
- Monofilament wire
- Precurved, radiopaque tip
- Tapered tip optimized for .025 in. guidewire
- Integrated C-Hook, V-Sheath and V-Marking

V-System Double Lumen Sphincterotomes

Catalog #	Working Length (cm)	Distal Tip Outer Diameter (Fr.)	Length-Distal Tip/ Cutting Wire (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
CleverCut2V Double Lumen Sphincterotomes KD-V211M-0720	170	4.5	07/20	2.8	JF, TJF	1/Box
KD-V211M-0725	170	4.5	07/25	2.8	JF, TJF	1/Box
KD-V211M-0730	170	4.5	07/30	2.8	JF, TJF	1/Box
KD-V211M-1520	170	4.5	15/20	2.8	JF, TJF	1/Box
KD-V211M-1530	170	4.5	15/30	2.8	JF, TJF	1/Box

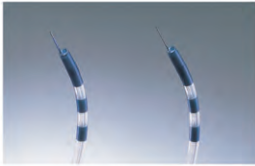


35GW

- Double lumen construction
- CleverCut coating
- Constructed to ensure optimal tip orientation
- Monofilament wire
- Precurved, radiopaque tip
- Integrated C-Hook, V-Sheath and V-Marking

V-System Triple Lumen Needle Knives

Catalog #	Working Length (cm)	Distal Tip Outer Diameter (Fr.)	Needle Knife (mm)	Cutting Length	Coated Length (mm)	Compatible Scopes	Package Units
NeedleCut3V Triple Lumen Needle Knives KD-V451M	170	5.0	5	2	3	JF, TJF	1/Box
KD-V441M	170	5.0	5	5	—	JF, TJF	1/Box



- CleverCut coating designed for consistent 2 mm cutting length
- Triple lumen construction
- Precurved and tapered tip
- Radiopaque marker at sheath tip

V-System Extraction Balloons

Catalog #	Injection Port	Distal Tip Outer Diameter (Fr.)	Balloon Diameter (mm)	Minimum Channel Size (mm)	Package Units
Multi-3V Plus Extraction Balloon B-V233P-A	Above	4.5	8.5, 11.5, 15.0	2.8	1/Box
B-V233P-B	Below	4.5	8.5, 11.5, 15.0	2.8	1/Box
B-V243Q-A	Above	4.5	8.5, 11.5, 15.0	2.8	1/Box
B-V243Q-B	Below	4.5	8.5, 11.5, 15.0	2.8	1/Box
B-V433P-A	Above	4.5	15.0, 18.0, 20.0	2.8	1/Box
B-V433P-B	Below	4.5	15.0, 18.0, 20.0	2.8	1/Box
B-V443Q-A	Above	4.5	15.0, 18.0, 20.0	2.8	1/Box
B-V443Q-B	Below	4.5	15.0, 18.0, 20.0	2.8	1/Box



- Thick high-quality material is highly resistant to breaking, potentially reducing overall extraction balloon spend
- Three pre-measured syringes enable precise, reliable inflation quickly, without having to visually check the markings on the syringe
- Each balloon can be easily adjusted to one of three sizes to suit the anatomical condition of each case: 8.5 mm, 11.5 mm, and 15 mm or 15 mm, 18 mm, and 20 mm
- Choice of distally wire-guided or over-the-wire design to suit virtually every physician's preference

V-System ERCP Cannulae

Catalog #	Working Length (cm)	Distal Tip Diameter (Fr.)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
-----------	---------------------	---------------------------	---------------------------	-------------------	---------------

X-PressV Cross Cut Rounded Tip

PR-V427Q

195

2.5

2.2

JF, TJF

1/Box



35GW

- Cross-cut rounded tip opens during guidewire insertion or contrast injection
- Ideal for smooth cannulation of the minor or constricted papilla
- Platinum radiopaque tip
- Distal markings indicate depth of cannulation
- Integrated C-Hook and V-Marking

Catalog #	Working Length (cm)	Distal Tip Diameter (Fr.)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
-----------	---------------------	---------------------------	---------------------------	-------------------	---------------

StarTip2V Double Lumen

PR-V614M

170

4.5

2.8

JF, TJF

1/Box



35GW

- Dedicated lumen for contrast injection
- Short tapered tip suitable for a wide range of cannulation
- Distal markings indicate depth of cannulation
- Integrated C-Hook and V-Marking

Catalog #	Working Length (cm)	Distal Tip Diameter (Fr.)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
-----------	---------------------	---------------------------	---------------------------	-------------------	---------------

StarTipV Standard Tip

PR-V416Q

195

4.0

2.2

JF, TJF

1/Box



35GW

- Standard tip designed for a wide range of cannulation
- Platinum radiopaque tip
- Distal markings indicate depth of cannulation
- Integrated C-Hook and V-Marking

Catalog #	Working Length (cm)	Distal Tip Diameter (Fr.)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
-----------	---------------------	---------------------------	---------------------------	-------------------	---------------

StarTipV Taper Tip

PR-V434Q

195

4.0

2.2

JF, TJF

1/Box



35GW

- Tapered tip suitable for a wide range of cannulation
- Platinum radiopaque tip
- Distal markings indicate depth of cannulation
- Integrated C-Hook and V-Marking

Catalog #	Working Length (cm)	Distal Tip Diameter (Fr.)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
-----------	---------------------	---------------------------	---------------------------	-------------------	---------------

StarTipV Short Taper Tip

PR-V414Q

195

4.5

2.2

JF, TJF

1/Box



35GW

- Short tapered tip suitable for a wide range of cannulation
- Platinum radiopaque tip
- Distal markings indicate depth of cannulation
- Integrated C-Hook and V-Marking

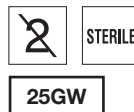
V-System ERCP Cannulae

	Catalog #	Working Length (cm)	Distal Tip Diameter (Fr.)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
StarTipV Ball Tip	PR-V223Q	195	6.0	2.8	JF, TJF	1/Box



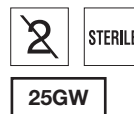
- Ball tip suitable for easy insertion into the papilla
- Ball tip provides radiopaque marking
- Distal markings indicate depth of cannulation
- Integrated C-Hook and V-Marking

	Catalog #	Working Length (cm)	Distal Tip Diameter (Fr.)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
StarTipV Short Taper Tip	PR-V418Q	195	3.5	2.2	JF, TJF	1/Box



- Short tapered tip suitable for a wide range of cannulation
- Small 3.5 Fr. distal tip
- Platinum radiopaque tip
- Distal markings indicate depth of cannulation
- Integrated C-Hook and V-Marking
- .025 in. guidewire compatible

	Catalog #	Working Length (cm)	Distal Tip Diameter (Fr.)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
StarTipV Taper Tip	PR-V435Q	195	3.5	2.2	JF, TJF	1/Box



- Tapered tip suitable for a wide range of cannulation
- Small 3.5 Fr. distal tip
- Platinum radiopaque tip
- Distal markings indicate depth of cannulation
- Integrated C-Hook and V-Marking
- .025 in. guidewire compatible

	Catalog #	Working Length (cm)	Distal Tip Diameter (Fr.)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
StarTipV Long Taper Tip	PR-V420Q	195	3.5	2.2	JF, TJF	1/Box



- Long taper tip suitable for cannulation of the major or minor papilla
- Small 3.5 Fr. distal tip
- Platinum radiopaque tip
- Distal markings indicate depth of cannulation
- Integrated C-Hook and V-Marking
- .025 in. guidewire compatible

V-System Stone Retrieval Baskets

V-SYSTEM
ERCP

SINGLE USE

Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
-----------	---------------------	--------------------	---------------------------	-------------------	---------------

FlowerBasketV Rotatable

FG-V421PR

190

20.0

2.8

JF, TJF

1/Box



STERILE

- Eight-wire construction for the retrieval of small and medium stones
- Rotatable, so stones can be easily captured
- Bullet-shaped tip for easy insertion
- Integrated V-Marking
- Includes C-Hook for optional control
- Siliconized basket wires help open and close basket smoothly

Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
-----------	---------------------	--------------------	---------------------------	-------------------	---------------

FlowerBasketV Wire-guided

FG-V431P

190

20.0

3.7

JF, TJF

1/Box



STERILE

35GW

- Eight-wire construction for the retrieval of small and medium stones
- Wire-guided basket for improved insertion into the bile duct
- Integrated V-Marking
- Includes C-Hook for optional control
- Siliconized basket wires help open and close basket smoothly

Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
-----------	---------------------	--------------------	---------------------------	-------------------	---------------

TetraCatchV Rotatable

FG-V422PR

190

22.0

2.8

JF, TJF

1/Box



STERILE

- Four-wire construction for versatile stone retrieval
- Rotatable, so stones can be easily captured
- Bullet-shaped tip for easy insertion
- Integrated V-Marking
- Includes C-Hook for optional control
- Siliconized basket wires help open and close basket smoothly

Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
-----------	---------------------	--------------------	---------------------------	-------------------	---------------

TetraCatchV Wire-guided

FG-V432P

190

22.0

3.7

JF, TJF

1/Box



STERILE

35GW

- Four-wire construction for versatile stone retrieval
- Wire-guided basket for improved insertion into the bile duct
- Integrated V-Marking
- Includes C-Hook for optional control
- Siliconized basket wires help open and close basket smoothly

V-System Cytology Brush

	Catalog #	Working Length (cm)	Brush Length Diameter (mm)	Minimum Channel Size (mm)	Compatible Scopes	Sheath Design	Package Units
BrushMaster V	BC-V600P-3010	190	10.0/3.0	3.2	JF, TJF	distally wire-guided	1/Box



- Improved fluoroscopic visibility with distal wire-guided design for excellent stricture passage and precisely targeted brushing
- Dual radiopaque markers at each end of the brush
- Distal wireguided design
- Brush adjuster function
- V-Marking
- C-Hook

X-Suit Biliary Metal Stents

	Catalog #	Stent Outer Diameter (mm)	Stent Length (cm)	Delivery Catheter (Fr.)	Minimum Channel Size (mm)	Working Length (cm)	Package Units
X-Suit NIR Uncovered Metal Stent	SME-200P-08040	8	4	7.5	3.2	190	1/Box
	SME-200P-08060	8	6	7.5	3.2	190	1/Box
	SME-200P-08080	8	8	7.5	3.2	190	1/Box
	SME-200P-08100	8	10	7.5	3.2	190	1/Box
	SME-200P-10040	10	4	7.5	3.2	190	1/Box
	SME-200P-10060	10	6	7.5	3.2	190	1/Box
	SME-200P-10080	10	8	7.5	3.2	190	1/Box
	SME-200P-10100	10	10	7.5	3.2	190	1/Box

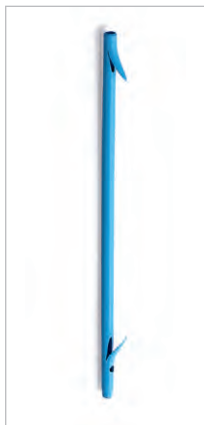


- Exceptional Anatomic Conformability
 - Narrow strut rings for exceptional flexibility
 - Wide strut rings for superior radial support
- Designed for easy placement at a precisely targeted position
- Virtually no foreshortening
- Radiopaque markers for enhanced fluoroscopic visibility
- Unique closed cell construction for optimal wall apposition
- Streamlined surface and high durability

SINGLE USE

V-System Polyethylene Biliary Stents

	Catalog #	Size (Fr.)	Length (cm)	Shape	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Polyethylene Biliary Stents Straight	PBD-200-0703	7.0	3.0	Straight	2.8	JF, TJF	1/Box
	PBD-200-0705	7.0	5.0	Straight	2.8	JF, TJF	1/Box
	PBD-200-0707	7.0	7.0	Straight	2.8	JF, TJF	1/Box
	PBD-200-0709	7.0	9.0	Straight	2.8	JF, TJF	1/Box
	PBD-200-0712	7.0	12.0	Straight	2.8	JF, TJF	1/Box
	PBD-200-0715	7.0	15.0	Straight	2.8	JF, TJF	1/Box
	PBD-200-0803	8.5	3.0	Straight	3.2	JF, TJF	1/Box
	PBD-200-0805	8.5	5.0	Straight	3.2	JF, TJF	1/Box
	PBD-200-0807	8.5	7.0	Straight	3.2	JF, TJF	1/Box
	PBD-200-0809	8.5	9.0	Straight	3.2	JF, TJF	1/Box
	PBD-200-0812	8.5	12.0	Straight	3.2	JF, TJF	1/Box
	PBD-200-0815	8.5	15.0	Straight	3.2	JF, TJF	1/Box
	PBD-200-1003	10.0	3.0	Straight	4.2	JF, TJF	1/Box
	PBD-200-1005	10.0	5.0	Straight	4.2	JF, TJF	1/Box
	PBD-200-1007	10.0	7.0	Straight	4.2	JF, TJF	1/Box
	PBD-200-1009	10.0	9.0	Straight	4.2	JF, TJF	1/Box
	PBD-200-1012	10.0	12.0	Straight	4.2	JF, TJF	1/Box
	PBD-200-1015	10.0	15.0	Straight	4.2	JF, TJF	1/Box



	Catalog #	Size (Fr.)	Length (cm)	Shape	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Polyethylene Biliary Stents Proximal Bend	PBD-201-0705	7.0	5.0	Proximal Bend	2.8	JF, TJF	1/Box
	PBD-201-0707	7.0	7.0	Proximal Bend	2.8	JF, TJF	1/Box
	PBD-201-0709	7.0	9.0	Proximal Bend	2.8	JF, TJF	1/Box
	PBD-201-0712	7.0	12.0	Proximal Bend	2.8	JF, TJF	1/Box
	PBD-201-0715	7.0	15.0	Proximal Bend	2.8	JF, TJF	1/Box
	PBD-201-0805	8.5	5.0	Proximal Bend	3.2	JF, TJF	1/Box
	PBD-201-0807	8.5	7.0	Proximal Bend	3.2	JF, TJF	1/Box
	PBD-201-0809	8.5	9.0	Proximal Bend	3.2	JF, TJF	1/Box
	PBD-201-0812	8.5	12.0	Proximal Bend	3.2	JF, TJF	1/Box
	PBD-201-0815	8.5	15.0	Proximal Bend	3.2	JF, TJF	1/Box
	PBD-201-1005	10.0	5.0	Proximal Bend	4.2	JF, TJF	1/Box
	PBD-201-1007	10.0	7.0	Proximal Bend	4.2	JF, TJF	1/Box
	PBD-201-1009	10.0	9.0	Proximal Bend	4.2	JF, TJF	1/Box
	PBD-201-1012	10.0	12.0	Proximal Bend	4.2	JF, TJF	1/Box
	PBD-201-1015	10.0	15.0	Proximal Bend	4.2	JF, TJF	1/Box



V-System Polyethylene Biliary Stents

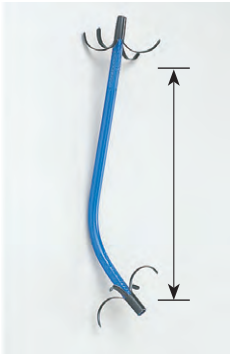
	Catalog #	Size (Fr.)	Length (cm)	Shape	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Polyethylene Biliary Stents Center Bend	PBD-202-0705	7.0	5.0	Center Bend	2.8	JF, TJF	1/Box
	PBD-202-0707	7.0	7.0	Center Bend	2.8	JF, TJF	1/Box
	PBD-202-0709	7.0	9.0	Center Bend	2.8	JF, TJF	1/Box
	PBD-202-0712	7.0	12.0	Center Bend	2.8	JF, TJF	1/Box
	PBD-202-0715	7.0	15.0	Center Bend	2.8	JF, TJF	1/Box
	PBD-202-0805	8.5	5.0	Center Bend	3.2	JF, TJF	1/Box
	PBD-202-0807	8.5	7.0	Center Bend	3.2	JF, TJF	1/Box
	PBD-202-0809	8.5	9.0	Center Bend	3.2	JF, TJF	1/Box
	PBD-202-0812	8.5	12.0	Center Bend	3.2	JF, TJF	1/Box
	PBD-202-0815	8.5	15.0	Center Bend	3.2	JF, TJF	1/Box
	PBD-202-1005	10.0	5.0	Center Bend	4.2	JF, TJF	1/Box
	PBD-202-1007	10.0	7.0	Center Bend	4.2	JF, TJF	1/Box
	PBD-202-1009	10.0	9.0	Center Bend	4.2	JF, TJF	1/Box
	PBD-202-1012	10.0	12.0	Center Bend	4.2	JF, TJF	1/Box
	PBD-202-1015	10.0	15.0	Center Bend	4.2	JF, TJF	1/Box



	Catalog #	Size (Fr.)	Length (cm)	Shape	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Polyethylene Biliary Stents Pigtail Shape	PBD-203-0703	7.0	3.0	Pigtail	2.8	JF, TJF	1/Box
	PBD-203-0704	7.0	4.0	Pigtail	2.8	JF, TJF	1/Box
	PBD-203-0707	7.0	7.0	Pigtail	2.8	JF, TJF	1/Box
	PBD-203-0710	7.0	10.0	Pigtail	2.8	JF, TJF	1/Box
	PBD-203-0715	7.0	15.0	Pigtail	2.8	JF, TJF	1/Box

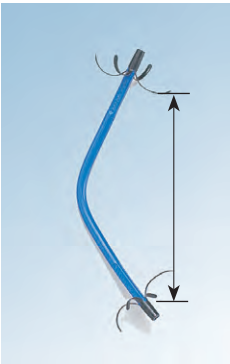


V-System Biliary Stents - Double Layer Single

	Catalog #	Size (Fr.)	Length (cm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Proximal Bend  <p>Length measured between barbs</p>	PBD-421-1004	10.0	4.0	4.2	TJF	1/Box
	PBD-421-1005	10.0	5.0	4.2	TJF	1/Box
	PBD-421-1006	10.0	6.0	4.2	TJF	1/Box
	PBD-421-1007	10.0	7.0	4.2	TJF	1/Box
	PBD-421-1008	10.0	8.0	4.2	TJF	1/Box
	PBD-421-1009	10.0	9.0	4.2	TJF	1/Box
	PBD-421-1010	10.0	10.0	4.2	TJF	1/Box
	PBD-421-1011	10.0	11.0	4.2	TJF	1/Box
	PBD-421-1012	10.0	12.0	4.2	TJF	1/Box
	PBD-421-1013	10.0	13.0	4.2	TJF	1/Box
	PBD-421-1014	10.0	14.0	4.2	TJF	1/Box
	PBD-421-1015	10.0	15.0	4.2	TJF	1/Box




- Optimal stent stiffness and elasticity
- Proximal bend

	Catalog #	Size (Fr.)	Length (cm)	Minimum Channel Size (mm)	Compatible Instruments	Package Units
Center Bend  <p>Length measured between barbs</p>	PBD-422-1003	10.0	3.0	4.2	TJF	1/Box
	PBD-422-1004	10.0	4.0	4.2	TJF	1/Box
	PBD-422-1005	10.0	5.0	4.2	TJF	1/Box
	PBD-422-1006	10.0	6.0	4.2	TJF	1/Box
	PBD-422-1007	10.0	7.0	4.2	TJF	1/Box
	PBD-422-1008	10.0	8.0	4.2	TJF	1/Box
	PBD-422-1009	10.0	9.0	4.2	TJF	1/Box
	PBD-422-1010	10.0	10.0	4.2	TJF	1/Box
	PBD-422-1011	10.0	11.0	4.2	TJF	1/Box
	PBD-422-1012	10.0	12.0	4.2	TJF	1/Box
	PBD-422-1013	10.0	13.0	4.2	TJF	1/Box
	PBD-422-1014	10.0	14.0	4.2	TJF	1/Box
PBD-422-1015	10.0	15.0	4.2	TJF	1/Box	




- Optimal stent stiffness and elasticity
- Center bend

V-System Disposable Stent Introducer Sets

	Catalog #	Applicable Stent Size (Fr.)	Guide Catheter Length (cm)	Package Units
Conventional Stent Introducer 	MAJ-1416	7.0	N/A	1/Box
	MAJ-1417	8.5	220	1/Box
	MAJ-1418	8.5	320	1/Box
	MAJ-1419	10.0	220	1/Box
	MAJ-1420	10.0	320	1/Box







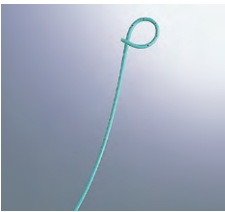
- Conventional insertion kit for the step-by-step placement of biliary stents

	Catalog #	Applicable Stent Size (Fr.)	Guide Catheter Length (cm)	Package Units
Pre-Assembled One Action Introducer 	MAJ-1421	8.5	209	1/Box
	MAJ-1422	10.0	209	1/Box



- Pre-assembled for quick and convenient stent placement
- Platinum chip in the distal end for visibility

V-System EndoNasal Biliary Drainage

Catalog #	Drainage tube Maximum Insertion Portion Diameter (Fr.)	Applicable to	Stent Configuration	Total Length (cm)	COMPATIBLE GUIDEWIRE		Minimum Channel Size (mm)	Package Units
					Insertion Portion Diameter (mm)	Total Length (cm)		
Long Alpha								
 PBD-V811W-05	5	Right hepatic duct	Long alpha type	255	0.89	450	2.2	1/Box
PBD-V811W-06	6	Right hepatic duct	Long alpha type	255	0.89	450	2.8	1/Box
PBD-V811W-07	7	Right hepatic duct	Long alpha type	255	0.89	450	2.8	1/Box
Reverse Alpha								
 PBD-V812W-05	5	Left hepatic duct	Reverse alpha type	255	0.89	450	2.2	1/Box
PBD-V812W-06	6	Left hepatic duct	Reverse alpha type	255	0.89	450	2.8	1/Box
PBD-V812W-07	7	Left hepatic duct	Reverse alpha type	255	0.89	450	2.8	1/Box
Pigtail Alpha								
 PBD-V813W-05	5	Common bile duct	Pigtail alpha type	255	0.89	450	2.2	1/Box
PBD-V813W-06	6	Common bile duct	Pigtail alpha type	255	0.89	450	2.8	1/Box
PBD-V813W-07	7	Common bile duct	Pigtail alpha type	255	0.89	450	2.8	1/Box
Short Alpha								
 PBD-V814W-05	5	Common bile duct	Short alpha type	255	0.89	450	2.2	1/Box
PBD-V814W-06	6	Common bile duct	Short alpha type	255	0.89	450	2.8	1/Box
PBD-V814W-07	7	Common bile duct	Short alpha type	255	0.89	450	2.8	1/Box
Pigtail								
 PBD-V803W-05	5	Common bile duct	Pigtail type	255	0.89	450	2.2	1/Box
PBD-V803W-06	6	Common bile duct	Pigtail type	255	0.89	450	2.8	1/Box
PBD-V803W-07	7	Common bile duct	Pigtail type	255	0.89	450	2.8	1/Box



35GW

- Multiple configurations for specific anatomy
- Multiple sizes for specific situations
- Radiopaque markers for position confirmation

Mechanical Lithotriptors

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
LithoCrushV Bullet Tip	BML-V232QR-26	195	26	3.2	JF, TJF	1/Box
	BML-V232QR-30	195	30	3.2	JF, TJF	1/Box
	BML-V242QR-30	195	30	4.2	JF, TJF	1/Box



- Double sheath construction
- Smooth injection
- Wide opening basket to optimize grasping capability
- Excellent crushing force
- Bullet tip
- Rotatable, so stones can be easily captured

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
LithoCrushV Wire-guided	BML-V442QR-30	195	30	4.2	TJF	1/Box



- Single sheath construction
- Wide opening basket to optimize grasping capability
- Excellent crushing force
- Wire-guided distal tip to improve insertion into the bile duct
- Rotatable, so stones can be easily captured

	Catalog #	Description	Price
Autoclavable LithoCrushV Handle	MAJ-441	Autoclavable handle for BML-V232/242/442QR	1/Box



V-System V-Holder

Catalog #	Package Units
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**V-Holder
ERCP Exchange Device**

H-V100

1/Box



- Designed to enhance ERCP device exchanges
- Allows guidewire and catheter to be exchanged with a single motion
- Compatible with V-System devices containing a C-Hook
- Reusable/Autoclavable

V-System V-Scope

Catalog #	Working Length (cm)	Distal End O.D. (mm) / Insertion Tube O.D. (mm)	Bending Section	Instrument Channel (mm)	Package Units
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**Evis Exera II
Duodenoscope**

TJF-Q180V

124

13.7/11.3

Up 120°
Down 90°
Right 110°
Left 90°

4.2

1/Box



- Unique dual locking mechanism for efficient short guidewire exchange in combination with dedicated V-System ERCP devices
- Secure guidewire locking of .025 and .035 inch guidewires
- Superb image quality with exceptionally sharp, crisp details and large display size
- Narrow Band Imaging (NBI) enhances observation of the mucosa and capillaries
- Fully compatible with the CV-160 and 140; (CV-180 is required for NBI)

OLYMPUS

EndoTherapy®

ERCP



ERCP

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ERCP



ERCP

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Guidewires

VisiGlide Guidewire



Catalog #	Outer Diameter (in.)	Working Length (cm)	Tip Shape	Package Units
G-240-2527S	0.025	270	Straight	1/Box
G-240-2527A	0.025	270	Angled	1/Box
G-240-2545S	0.025	450	Straight	1/Box
G-240-2545A	0.025	450	Angled	1/Box



25GW

- Specially designed 0.025 in. guidewire features the same stiffness as a 0.035 in. guidewire allowing physicians to use one guidewire for a variety of procedures
- Advanced fluoroscopic and endoscopic markings assist with stricture measurement for precise stent placement
- Terumo Glidewire hydrophilic tip provides “gold-standard” ductal navigation
- Special fluorine coating reduces friction, making device manipulation virtually effortless

Catalog #	Outer Diameter (in.)	Working Length (cm)	Tip Shape	Package Units
G-240-3527S	0.035	270	Straight	1/Box
G-240-3527A	0.035	270	Angled	1/Box
G-240-3545S	0.035	450	Straight	1/Box
G-240-3545A	0.035	450	Angled	1/Box



35GW

- 0.035 in. VisiGlide provides additional shaft support
- Advanced fluoroscopic and endoscopic markings assist with stricture measurement for precise stent placement
- Terumo Glidewire hydrophilic tip provides “gold-standard” ductal navigation
- Special fluorine coating reduces friction, making device manipulation virtually effortless

LinearGuideV Guidewire



Catalog #	Outer Diameter (in.)	Working Length (cm)	Tip Shape	Package Units
G-V210-3527S	0.035	270	Straight	1/Box
G-V210-3527A	0.035	270	Angled	1/Box
G-V210-3545S	0.035	450	Straight	1/Box
G-V210-3545A	0.035	450	Angled	1/Box



35GW

- 50 cm hydrophilic atraumatic tip
- Two-step ring and spiral markings enable physicians to confirm movement and position of the wire within the endoscopic field of view
- Specifically designed to be locked in the V-Groove elevator of the V-Scope
- Floppy tip available in straight and angled configurations

Triple Lumen Sphincterotomes

ERCP

SINGLE USE

FlowCut Triple Lumen with CleverCut Coating



Catalog #	Working Length (cm)	Distal Tip Outer Diameter (Fr.)	Length-Distal Tip/Cutting Wire (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
KD-411Q-0320	195	4.5	03/20	2.8	JF, TJF	1/Box
KD-411Q-0720	195	4.5	07/20	2.8	JF, TJF	1/Box
KD-411Q-0730	195	4.5	07/30	2.8	JF, TJF	1/Box



35GW

- Triple lumen catheter construction
- CleverCut coating on the proximal end of the cutting wire
- Lumens arranged to provide optimal orientation of the cutting wire
- Smooth injection of contrast medium through dedicated lumen

FlowCut Triple Lumen Tapered Tip with CleverCut Coating



Catalog #	Working Length (cm)	Distal Tip Outer Diameter (Fr.)	Length-Distal Tip/Cutting Wire (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
KD-431Q-0720	195	4.0	07/20	2.8	JF, TJF	1/Box
KD-431Q-0730	195	4.0	07/30	2.8	JF, TJF	1/Box



25GW

- Triple lumen catheter construction
- CleverCut coating on the proximal end of the cutting wire
- Tapered tip ideal for strictures and cannulation of the major or minor papilla
- Lumens arranged to provide optimal orientation of the tip and cutting wire
- Smooth injection of contrast medium through dedicated lumen

Double Lumen Sphincterotomes

CleverCut Double Lumen Straight



Catalog #	Working Length (cm)	Distal Tip Outer Diameter (Fr.)	Length-Distal Tip/Cutting Wire (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
KD-210Q-0720	195	4.5	07/20	2.8	JF, TJF	1/Box
KD-210Q-0725	195	4.5	07/25	2.8	JF, TJF	1/Box
KD-210Q-0730	195	4.5	07/30	2.8	JF, TJF	1/Box
KD-210Q-0735	195	4.5	07/35	2.8	JF, TJF	1/Box


All preassembled with sealing cap for contrast injection with guidewire in place



35GW

- Double lumen catheter construction
- CleverCut coating on the proximal end of the cutting wire
- Stabilizing wires for optimal orientation of the tip and cutting wire
- Straight distal tip design

Sphincterotomes


	Catalog #	Working Length (cm)	Distal Tip Outer Diameter (Fr.)	Length-Distal Tip/Cutting Wire (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
CleverCut Double Lumen Precurved 	KD-211Q-0720	195	4.5	07/20	2.8	JF, TJF	1/Box
	KD-211Q-0725	195	4.5	07/25	2.8	JF, TJF	1/Box
	KD-211Q-0730	195	4.5	07/30	2.8	JF, TJF	1/Box
	KD-211Q-0735	195	4.5	07/35	2.8	JF, TJF	1/Box
	KD-211Q-1520	195	4.5	15/20	2.8	JF, TJF	1/Box

All preassembled with sealing cap for contrast injection with guidewire in place

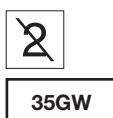


- Double lumen catheter construction
- CleverCut coating on the proximal end of the cutting wire
- Stabilizing wires for optimal orientation of the tip and cutting wire
- Precurved distal tip design


ERCP Cannulae

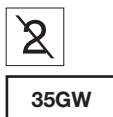
	Catalog #	Working Length (cm)	Diameter Tube/Distal Tip (Fr.)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Swing Tip Bendable Tip 	PR-233Q	195	9.0/4.0	3.2	JF, TJF	1/Box

Sealing Cap (MH-544) included



- Deflectable tip cannula
- Tip can be deflected 90° when handle is pulled and 30° when handle is pushed
- Platinum radiopaque tip
- Enhanced cannulation to CBD and left hepatic duct

	Catalog #	Working Length (cm)	Diameter Tube/Distal Tip (Fr.)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
X-Press 	PR-427Q	195	5.5/2.5	2.2	JF, TJF	6/Box



- Cross-cut tip opens during guidewire insertion or contrast injection
- Ideal for smooth cannulation of the minor or constricted papilla
- Platinum radiopaque tip
- Distal markings indicate depth of cannulation

ERCP SINGLE USE

ERCP Cannulae

ERCP

SINGLE USE

	Catalog #	Working Length (cm)	Diameter Tube/ Distal Tip (Fr.)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Short Tapered Tip	PR-414Q	195	5.5/4.5	2.2	JF, TJF	6/Box



35GW

- Short tapered tip suitable for a wide range of cannulation
- Platinum radiopaque tip
- Distal markings indicate depth of cannulation

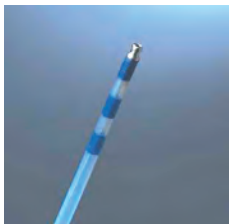
	Catalog #	Working Length (cm)	Diameter Tube/ Distal Tip (Fr.)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Standard Beveled Tip	PR-416Q	195	5.5/4.0	2.2	JF, TJF	6/Box



35GW

- Standard tip suitable for a wide range of cannulation
- Platinum radiopaque tip
- Distal markings indicate depth of cannulation

	Catalog #	Working Length (cm)	Diameter Tube/ Distal Tip (Fr.)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Minor Papilla - Metal Tip	PR-229Q	195	6.0/6.0	3.2	JF, TJF	6/Box



35GW

- Metal tip suitable for cannulation of the minor papilla
- Metal tip provides radiopaque markings
- Distal markings indicate depth of cannulation
- Sealing cap (MH-544) included

	Catalog #	Working Length (cm)	Diameter Tube/ Distal Tip (Fr.)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Short Tapered Tip	PR-418Q	195	5.5/3.5	2.2	JF, TJF	6/Box



35GW

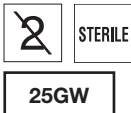
- Short tapered tip suitable for cannulation of a constricted papilla
- Platinum radiopaque tip
- Distal markings indicate depth of cannulation
- 0.025 in. guidewire compatible

ERCP Cannulae

ERCP

SINGLE USE

	Catalog #	Working Length (cm)	Diameter Tube/ Distal Tip (Fr.)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Long Tapered Tip	PR-420Q	195	5.5/3.0	2.2	JF, TJF	6/Box



- Long tapered tip suitable for wide range of cannulation
- Platinum radiopaque tip
- Distal markings indicate depth of cannulation
- 0.025 in. guidewire compatible

	Catalog #	Working Length (cm)	Diameter Tube/ Distal Tip (Fr.)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Minor Papilla - Metal Tip	PR-231Q	195	5.5/2.5	2.2	JF, TJF	6/Box
	PR-232Q	195	5.5/2.5	2.2	JF, TJF	6/Box



Distal Tip Length: PR-231Q - 1.3 mm, PR-232Q - 2.0 mm

- Small 2.5 Fr. tip suitable for cannulation of the minor papilla
- Metal tip provides radiopaque markings
- Distal markings indicate depth of cannulation

ERCP Cannula Tips



PR-233Q
Swing Tip



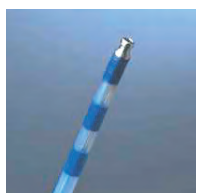
PR-427Q
X-Press



PR-414Q
Short Tapered Tip



PR-416Q
Standard Beveled Tip



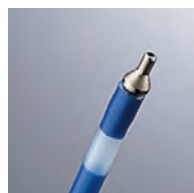
PR-229Q
Minor Papilla
Metal Tip



PR-418Q
Short Tapered Tip



PR-420Q
Long Tapered Tip



PR-231Q
Minor Papilla
Metal Tip

Needle Knife

Catalog #	Working Length (cm)	Distal Tip Outer Diameter (Fr.)	Knife Length (mm)	Knife Diameter (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
-----------	---------------------	---------------------------------	-------------------	---------------------	---------------------------	-------------------	---------------

Needle Knife Triple Lumen



KD-441Q

195

5.0

5

0.2

2.8

JF, TJF

1/Box



STERILE

35GW

- Triple lumen catheter construction
- Outstanding injection performance
- 5 mm optimal needle length
- Great cut with thinner cutting wire

Extraction Balloons

Catalog #	Injection Port	Distal Tip Outer Diameter (Fr.)	Balloon Diameter (mm)	Minimum Channel Size (mm)	Package Units
-----------	----------------	---------------------------------	-----------------------	---------------------------	---------------

Multi-3™ Triple Lumen



B-230Q-A

Above

5.0

8.5, 11.5, 15

2.8

1/Box

B-230Q-B

Below

5.0

8.5, 11.5, 15

2.8

1/Box



STERILE

35GW

- Multiple balloon sizing of 8.5 mm, 11.5 mm and 15 mm with one device
- Triple lumen catheter construction
- Three premeasured syringes for precise inflation
- Working length: 190 cm

Catalog #	Working Length (cm)	Balloon Injection Port	Minimum Diameter (mm)	Channel Size (mm)	Package Units
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Extraction Balloon



B5-2Q

195

Above

11

2.0

1/Box

B7-2LA

350

Above

13

2.8

1/Box

B7-2Q

195

Above

13

2.8

1/Box



STERILE

- Double lumen catheter construction
- 0.021 in. guidewire compatible (B5-2Q)
- 0.035 in. guidewire compatible (B7 series)

Stone Retrieval Baskets

ERCP

SINGLE USE

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
FlowerBasket with Pin-Vise Handle for small stones	FG-401Q	195	20.0	2.8	JF, TJF	1/Box



- Eight-wire construction for small stones
- Lower shape design for the capture and removal of small and large stones
- Bullet-shaped tip for easy insertion

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Stiff Wire Pin-Vise Handle	FG-402Q	195	22.0	2.8	JF, TJF	1/Box



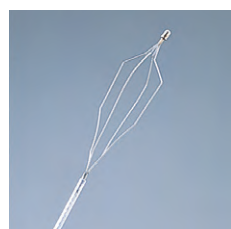
- Four-wire construction
- Stiff wire
- Bullet-shaped tip for easy insertion

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Soft Wire Pin-Vise Handle	FG-403Q	195	22.0	2.8	JF, TJF	1/Box



- Four-wire construction
- Soft wire
- Bullet-shaped tip for easy insertion

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Four-Wire Basket	FG-33W	250	10.0	1.7	CHF-B20	2/Box



- Four-wire basket
- Ideal for the retrieval of stones in the common bile duct
- Ideal for small channel scopes

Mechanical Lithotriptors

ERCP

	Working Catalog #	Opening Length (cm)	Minimum Width (mm)	Compatible Channel Size (mm)	Package Scopes	Units
LithoCrush	BML-201Q.B	195	30	4.2	TJF	1/Box



- Double sheath construction
- Smooth insertion
- Wide opening basket to optimize grasping capability
- Injection port for contrast media
- Requires MAJ-440 reusable handle

	Catalog #	Description	Package Units
Emergency Lithotriptor Handle	BML-110A-1	Emergency lithotriptor handle set	1/Box
	MAJ-403	Replacement coil sheath	1/Box



Compatible Baskets FG-18Q-1/22Q-1/23Q-1/301Q/401Q/402Q/403Q, BML-3Q-1/4Q-1/201Q/202Q/203Q/204Q and V-Basket

Set includes handle and coil sheath



- Emergency device used in the event of basket impaction
- Compatible with all Olympus lithotriptors and retrieval baskets
- Emergency use only. See device instructions for use.

SINGLE USE

Polyethylene Biliary Stents

ERCP

SINGLE USE

Polyethylene Biliary Stents Proximal Bend



STERILE

Catalog #	Size (Fr.)	Length (cm)	Minimum Shape	Channel Size (mm)	Compatible Scopes	Package Units
PBD-201-0705	7.0	5.0	Proximal Bend	2.8	JF, TJF	1/Box
PBD-201-0707	7.0	7.0	Proximal Bend	2.8	JF, TJF	1/Box
PBD-201-0709	7.0	9.0	Proximal Bend	2.8	JF, TJF	1/Box
PBD-201-0712	7.0	12.0	Proximal Bend	2.8	JF, TJF	1/Box
PBD-201-0715	7.0	15.0	Proximal Bend	2.8	JF, TJF	1/Box
PBD-201-0805	8.5	5.0	Proximal Bend	3.2	JF, TJF	1/Box
PBD-201-0807	8.5	7.0	Proximal Bend	3.2	JF, TJF	1/Box
PBD-201-0809	8.5	9.0	Proximal Bend	3.2	JF, TJF	1/Box
PBD-201-0812	8.5	12.0	Proximal Bend	3.2	JF, TJF	1/Box
PBD-201-0815	8.5	15.0	Proximal Bend	3.2	JF, TJF	1/Box
PBD-201-1005	10.0	5.0	Proximal Bend	4.2	JF, TJF	1/Box
PBD-201-1007	10.0	7.0	Proximal Bend	4.2	JF, TJF	1/Box
PBD-201-1009	10.0	9.0	Proximal Bend	4.2	JF, TJF	1/Box
PBD-201-1012	10.0	12.0	Proximal Bend	4.2	JF, TJF	1/Box
PBD-201-1015	10.0	15.0	Proximal Bend	4.2	JF, TJF	1/Box

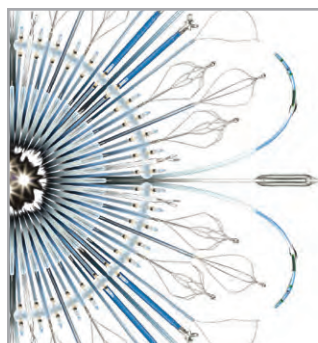
Polyethylene Biliary Stents

ERCP

Polyethylene Biliary Stents Straight



Catalog #	Size (Fr.)	Length (cm)	Shape	Minimum Channel Size (mm)	Compatible Scopes	Package Units
PBD-200-0703	7.0	3.0	Straight	2.8	JF, TFJ	1/Box
PBD-200-0705	7.0	5.0	Straight	2.8	JF, TJF	1/Box
PBD-200-0707	7.0	7.0	Straight	2.8	JF, TJF	1/Box
PBD-200-0709	7.0	9.0	Straight	2.8	JF, TJF	1/Box
PBD-200-0712	7.0	12.0	Straight	2.8	JF, TJF	1/Box
PBD-200-0715	7.0	15.0	Straight	2.8	JF, TJF	1/Box
PBD-200-0803	8.5	3.0	Straight	2.8	JF, TJF	1/Box
PBD-200-0805	8.5	5.0	Straight	3.2	JF, TJF	1/Box
PBD-200-0807	8.5	7.0	Straight	3.2	JF, TJF	1/Box
PBD-200-0809	8.5	9.0	Straight	3.2	JF, TJF	1/Box
PBD-200-0812	8.5	12.0	Straight	3.2	JF, TJF	1/Box
PBD-200-0815	8.5	15.0	Straight	3.2	JF, TJF	1/Box
PBD-200-1003	10.0	3.0	Straight	4.2	JF, TJF	1/Box
PBD-200-1005	10.0	5.0	Straight	4.2	JF, TJF	1/Box
PBD-200-1007	10.0	7.0	Straight	4.2	JF, TJF	1/Box
PBD-200-1009	10.0	9.0	Straight	4.2	JF, TJF	1/Box
PBD-200-1012	10.0	12.0	Straight	4.2	JF, TJF	1/Box
PBD-200-1015	10.0	15.0	Straight	4.2	JF, TJF	1/Box



FACTOID

A typical colon houses over 700 species of bacteria.

SINGLE USE

Polyethylene Biliary Stents

ERCP

SINGLE USE

Polyethylene Biliary Stents Center Bend



Catalog #	Size (Fr.)	Length (cm)	Shape	Minimum Channel Size (mm)	Compatible Scopes	Package Units
PBD-202-0705	7.0	5.0	Center Bend	2.8	JF, TJF	1/Box
PBD-202-0707	7.0	7.0	Center Bend	2.8	JF, TJF	1/Box
PBD-202-0709	7.0	9.0	Center Bend	2.8	JF, TJF	1/Box
PBD-202-0712	7.0	12.0	Center Bend	2.8	JF, TJF	1/Box
PBD-202-0715	7.0	15.0	Center Bend	2.8	JF, TJF	1/Box
PBD-202-0805	8.5	5.0	Center Bend	3.2	JF, TJF	1/Box
PBD-202-0807	8.5	7.0	Center Bend	3.2	JF, TJF	1/Box
PBD-202-0809	8.5	9.0	Center Bend	3.2	JF, TJF	1/Box
PBD-202-0812	8.5	12.0	Center Bend	3.2	JF, TJF	1/Box
PBD-202-0815	8.5	15.0	Center Bend	3.2	JF, TJF	1/Box
PBD-202-1005	10.0	5.0	Center Bend	4.2	JF, TJF	1/Box
PBD-202-1007	10.0	7.0	Center Bend	4.2	JF, TJF	1/Box
PBD-202-1009	10.0	9.0	Center Bend	4.2	JF, TJF	1/Box
PBD-202-1012	10.0	12.0	Center Bend	4.2	JF, TJF	1/Box
PBD-202-1015	10.0	15.0	Center Bend	4.2	JF, TJF	1/Box



Polyethylene Biliary Stents Pigtail Shape



Catalog #	Size (Fr.)	Length (cm)	Shape	Minimum Channel Size (mm)	Compatible Scopes	Package Units
PBD-203-0703	7.0	3.0	Pigtail	2.8	JF, TJF	1/Box
PBD-203-0704	7.0	4.0	Pigtail	2.8	JF, TJF	1/Box
PBD-203-0707	7.0	7.0	Pigtail	2.8	JF, TJF	1/Box
PBD-203-0710	7.0	10.0	Pigtail	2.8	JF, TJF	1/Box
PBD-203-0715	7.0	15.0	Pigtail	2.8	JF, TJF	1/Box

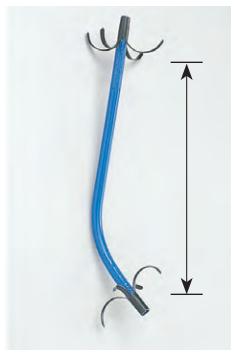


Biliary Stents - Double Layer Single

ERCP

SINGLE USE

Proximal Bend



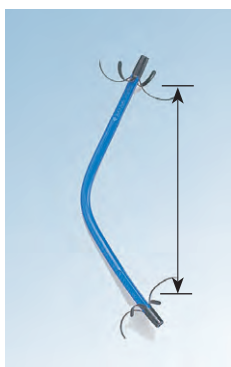
Length measured between barbs

Catalog #	Size (Fr.)	Length (cm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
PBD-421-1004	10.0	4.0	4.2	TJF	1/Box
PBD-421-1005	10.0	5.0	4.2	TJF	1/Box
PBD-421-1006	10.0	6.0	4.2	TJF	1/Box
PBD-421-1007	10.0	7.0	4.2	TJF	1/Box
PBD-421-1008	10.0	8.0	4.2	TJF	1/Box
PBD-421-1009	10.0	9.0	4.2	TJF	1/Box
PBD-421-1010	10.0	10.0	4.2	TJF	1/Box
PBD-421-1011	10.0	11.0	4.2	TJF	1/Box
PBD-421-1012	10.0	12.0	4.2	TJF	1/Box
PBD-421-1013	10.0	13.0	4.2	TJF	1/Box
PBD-421-1014	10.0	14.0	4.2	TJF	1/Box
PBD-421-1015	10.0	15.0	4.2	TJF	1/Box



- Unique double layer construction for minimal bile adhesion/accumulation
- Optimal stent stiffness and elasticity
- Proximal bend

Center Bend



Length measured between barbs

Catalog #	Size (Fr.)	Length (cm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
PBD-422-1003	10.0	3.0	4.2	TJF	1/Box
PBD-422-1004	10.0	4.0	4.2	TJF	1/Box
PBD-422-1005	10.0	5.0	4.2	TJF	1/Box
PBD-422-1006	10.0	6.0	4.2	TJF	1/Box
PBD-422-1007	10.0	7.0	4.2	TJF	1/Box
PBD-422-1008	10.0	8.0	4.2	TJF	1/Box
PBD-422-1009	10.0	9.0	4.2	TJF	1/Box
PBD-422-1010	10.0	10.0	4.2	TJF	1/Box
PBD-422-1011	10.0	11.0	4.2	TJF	1/Box
PBD-422-1012	10.0	12.0	4.2	TJF	1/Box
PBD-422-1013	10.0	13.0	4.2	TJF	1/Box
PBD-422-1014	10.0	14.0	4.2	TJF	1/Box
PBD-422-1015	10.0	15.0	4.2	TJF	1/Box





- Unique double layer construction for minimal bile adhesion/accumulation
- Optimal stent stiffness and elasticity
- Center bend

Disposable Stent Introducer Sets

ERCP
SINGLE USE

	Catalog #	Applicable Stent Size (Fr.)	Guide Catheter Length (cm)	Package Units
Conventional Stent Introducer	MAJ-1416	7.0	N/A	1/Box
	MAJ-1417	8.5	220	1/Box
	MAJ-1418	8.5	320	1/Box
	MAJ-1419	10.0	220	1/Box
	MAJ-1420	10.0	320	1/Box







STERILE

- Conventional insertion kit for step-by-step placement of biliary stents

	Catalog #	Applicable Stent Size (Fr.)	Guide Catheter Length (cm)	Package Units
Pre-Assembled One Action Introducer	MAJ-1421	8.5	209	1/Box
	MAJ-1422	10.0	209	1/Box





STERILE

- Pre-assembled for quick and convenient stent placement
- Platinum chip in the distal end for visibility

Pancreatic Stents

	Catalog #	Size (Fr.)	Stent Length (cm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Straight	PBD-230-0702	7.0	2.0	3.2	JF, TJF	1/Box
	PBD-230-0704	7.0	4.0	3.2	JF, TJF	1/Box
	PBD-230-0706	7.0	6.0	3.2	JF, TJF	1/Box
	PBD-230-0708	7.0	8.0	3.2	JF, TJF	1/Box



35GW

- Soft material and contoured design
- Straight shape

	Catalog #	Size (Fr.)	Stent Length (cm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
S Shape	PBD-234-0706	7.0	6.0	3.2	JF, TJF	1/Box
	PBD-234-0708	7.0	8.0	3.2	JF, TJF	1/Box
	PBD-234-0710	7.0	10.0	3.2	JF, TJF	1/Box
	PBD-234-0712	7.0	12.0	3.2	JF, TJF	1/Box



35GW

- Soft material and contoured design
- S shape

Balloon Dilator

	Catalog #	Balloon Diameter (mm)	Balloon Length (mm)	Catheter (Fr.)	Catheter Length (cm)	Minimum Channel Size (mm)	Package Units
MaxPass Biliary Balloon Dilator	B-400N-0420	4	20	6	180	2.8	1/Box
	B-400N-0440	4	40	6	180	2.8	1/Box
	B-400N-0620	6	20	6	180	2.8	1/Box
	B-400N-0640	6	40	6	180	2.8	1/Box
	B-400N-0830	8	30	6	180	2.8	1/Box




35GW

- Quick deflation time
- Unique compact shape when deflated
- Maximum pressure, 12 ATM
- Balloon contour with shorter tapered sections
- Transparent balloon

	Catalog #	Syringe Volume (cc)	Maximum Pressure (ATM)	Package Units
MaxPass Inflation Device	MAJ-1381	20	15	1/Box



X-Suit Biliary Metal Stents

	Catalog #	Stent Outer Diameter (mm)	Stent Length (cm)	Delivery Catheter (Fr.)	Minimum Channel Size (mm)	Working Length (cm)	Package Units
X-Suit NIR Uncovered Metal Stent 	SME-200P-08040	8	4	7.5	3.2	190	1/Box
	SME-200P-08060	8	6	7.5	3.2	190	1/Box
	SME-200P-08080	8	8	7.5	3.2	190	1/Box
	SME-200P-08100	8	10	7.5	3.2	190	1/Box
	SME-200P-10040	10	4	7.5	3.2	190	1/Box
	SME-200P-10060	10	6	7.5	3.2	190	1/Box
	SME-200P-10080	10	8	7.5	3.2	190	1/Box
	SME-200P-10100	10	10	7.5	3.2	190	1/Box



35GW

- Exceptional Anatomic Conformability
 - Narrow strut rings for exceptional flexibility
 - Wide strut rings for superior radial support
- Designed for easy placement at a precisely targeted position
- Virtually no foreshortening
- Radiopaque markers for enhanced fluoroscopic visibility
- Unique closed cell construction for optimal wall apposition
- Streamlined surface and high durability

Cytology Brushes

ERCP

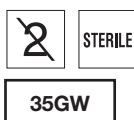
SINGLE USE

	Catalog #	Working Length (cm)	Brush Length/ Diameter (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Bullet Tip with Injection Port	BC-23Q	195	6.0/2.4	2.2	JF, TJF	3/Box



- Bullet-shaped distal tip
- Radiopaque sheath
- Injection port for contrast media

	Catalog #	Working Length (cm)	Brush Length/ Diameter (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Wire-Guided with Injection Port	BC-24Q	195	6.0/2.4	2.2	JF, TJF	3/Box



- Wire-guided
- Radiopaque sheath
- Injection port for contrast media

For an easy, reliable, multiple-size extraction balloon, see page 11.

Multi-3V Plus Extraction Balloon



ERCP Cannulae

ERCP

REUSABLE

	Catalog #	Working Length (cm)	Diameter Tube/ Distal Tip (Fr.)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Metal Ball Tip	PR-24Q-1	195	6.0/6.0	3.2	JF, TJF	1/Box



Sealing cap (MH-544) included



35GW

- Suitable for cannulation of the minor papilla
- Ball tip for easy insertion

	Catalog #	Working Length (cm)	Diameter Tube/ Distal Tip (Fr.)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Long Tapered Tip	PR-310Q-1.B	195	5.5/3.0	2.2	JF, TJF	1/Box



25GW

- Long tapered tip suitable for wide range of cannulation
- Platinum radiopaque tip
- Distal markings indicate depth of cannulation
- .025 in. guidewire compatible

	Catalog #	Description	Package Units
Replacement Parts for Reusable Cannulae	MH-544	Autoclavable sealing cap for all ERCP cannulae	1/Box



Sphincterotomes

ERCP

**Pull Type
with Stabilizing Wire**



Catalog #	Working Length	Length-Distal Tip/ Cutting Wire (mm)	Distal Tip Outer Diameter (Fr.)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
KD-16Q-1.B	195	00/20	6.0	2.2	JF, TJF	1/Box
KD-17Q-1.B	195	00/30	6.0	2.2	JF, TJF	1/Box
KD-18Q-1.B	195	07/20	6.0	2.2	JF, TJF	1/Box
KD-19Q-1.B	195	07/25	6.0	2.2	JF, TJF	1/Box
KD-20Q-1.B	195	07/30	6.0	2.2	JF, TJF	1/Box
KD-21Q-1.B	195	07/35	6.0	2.2	JF, TJF	1/Box
KD-22Q-1.B	195	15/30	6.0	2.2	JF, TJF	1/Box
KD-30Q-1.B	195	02/20	6.0	2.2	JF, TJF	1/Box

Includes 2 body wires



- Provides wide array of options
- Pull type sphincterotome
- Distal tip stabilizer to ensure the desired cutting position
- MH-263 KD handle required

REUSABLE

Sphincterotomes

REUSABLE

	Catalog #	Working Length (cm)	Length-Distal Tip/ Cutting Wire (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Pull and Push Type with Stabilizing Wires	KD-28Q-1.B	195	06/20	2.2	JF, TJF	1/Box



Includes 2 body wires

- Actuated by push or pull operation
- Distal tip stabilizer to ensure the desired cutting position

	Catalog #	Working Length (cm)	Length-Distal Tip/ Cutting Wire (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Push Type with Stabilizing Wires	KD-27Q-1.B	195	06/15	2.0	JF, TJF	1/Box



Includes 2 body wires

- Push type for slow cutting action

	Catalog #	Description	Package Units
Accessory Parts for Reusable Sphincterotomes	MH-263	KD three-ring handle for sphincterotomes	1/Box
	MH-969	Active cord for Olympus ES Units (except UES-30)	1/Box
	MAJ-860	Active cord for Olympus UES-30, Valley Lab, Bovie, ERBE, ConMed, Burdick SU-7 and Neo Med EMS units	1/Box



KD Handle



Active Cord

Needle Knives

ERCP

REUSABLE

	Catalog #	Working Length (cm)	Knife Length (mm)	Minimum Diameter (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Needle Type	KD-10Q-1.B	195	3.0	0.4	2.0	JF, TJF	1/Box



Includes 2 main bodies



- MH-263 KD handle required

	Catalog #	Working Length (cm)	Knife Length (mm)	Knife Diameter (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Flat Type	KD-11Q-1.B	195	3.0	0.7 Flat	2.0	JF, TJF	1/Box



Includes 2 main bodies



- Flat blade needle knife
- MH-263 KD handle required

	Catalog #	Description	Package Units
Replacement Parts for Pre-Cutting Knives	MH-263	Three-ring handle for pre-cutting knives	1/Box
	MH-969	Active cord for Olympus ES Units (except UES-30)	1/Box
	MAJ-860	Active cord for Olympus UES-30, Valley Lab, Bovie, ERBE, ConMed, Burdick SU-7 and Neo Med EMS units	1/Box



KD Handle



Active Cord

Stone Retrieval Baskets

ERCP

REUSABLE

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Four-Wire Basket with Three-Ring Handle	FG-18Q-1	195	22.0	2.0	JF, TJF	1/Box



- Four-wire construction
- Soft wire
- Bullet-shaped tip for easy insertion
- Fits 2 mm channel
- Handle (MA-479) not included

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Hard Wire Basket with Pin-Vise Handle	FG-22Q-1	195	22.0	2.8	JF, TJF	1/Box



- Four-wire construction
- Hard wire
- Bullet-shaped tip for easy insertion

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Soft Wire Basket with Pin-Vise Handle	FG-23Q-1	195	22.0	2.8	JF, TJF	1/Box



- Four-wire construction
- Soft wire
- Bullet-shaped tip for easy insertion

Stone Retrieval Baskets

ERCP

REUSABLE

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
FlowerBasket with Pin-Vise Handle	FG-301Q	195	20.0	2.8	JF, TJF	1/Box



- Eight-wire construction
- Flower shape design for the capture and removal of small and large stones
- Bullet-shaped tip for easy insertion

	Catalog #	Description	Package Units
Replacement Part for Stone Retrieval Basket with Three-Ring Handle	MA-479	Handle for FG-18Q-1 basket	1/Box



FG Handle

Mechanical Lithotriptors

REUSABLE
ERCP

Emergency Lithotripter Handle

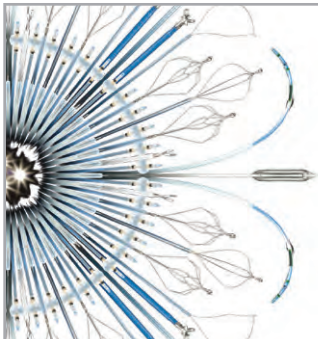


Catalog #	Description	Package Units
BML-110A-1	Emergency lithotripter handle set	1/Box
MAJ-403	Replacement coil sheath	1/Box

Compatible Baskets FG-18Q-1/22Q-1/23Q-1/301Q/401Q/402Q/403Q, BML-3Q-1/4Q-1/201Q/202Q/203Q/204Q
Set includes handle and coil sheath



- Emergency device used in the event of basket impaction
- Compatible with all Olympus lithotriptors and baskets



FACTOID

The pancreas is a yellowish organ about 7 inches long.

Biopsy Forceps - Biliary

ERCP

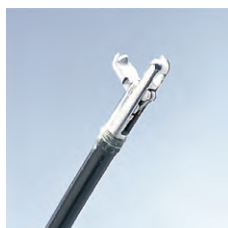
REUSABLE

	Catalog #	Working Length (cm)	Cup Opening (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Static Jaw Fenestrated with Coated Sheath	FB-45Q-1	195	2.6	2.2	JF, TJF	1/Box



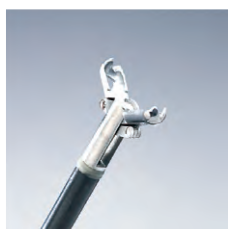
- Single side open to facilitate biopsy when approached tangentially

	Catalog #	Working Length (cm)	Cup Opening (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Static Jaw Fenestrated Rat Tooth with Coated Sheath	FB-46Q-1	195	2.6	2.2	JF, TJF	1/Box



- Single side open to facilitate biopsy when approached tangentially
- Rat tooth at the distal portion of the cup

	Catalog #	Working Length (cm)	Cup Opening (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Swing Jaw Fenestrated Rat Tooth with Coated Sheath	FB-39Q-1	195	3.4	2.2	JF, TJF, GIF	1/Box
	FB-40Q-1	195	6.5	3.2	JF, TJF, GIF	1/Box



- Swing jaws for easier targeting of biopsy sites
- Fenestrated cup for larger tissue samples
- Rat tooth design minimizes slippage during biopsy

	Catalog #	Working Length (cm)	Cup Opening (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Elongated Cup for 1.2 Channel Scope	FB-44U-1/SO	230	4.2	1.2	CHF-BP30	1/Box


*Special Order Item



OLYMPUS

EndoTherapy®

TISSUE ACQUISITION



TISSUE ACQUISITION

(Biopsy & Sampling)

Biopsy Forceps	51-54, 58-62
Cytology Brushes	56
Biopsy Forceps-Hot	55, 64
Endoscopic Ultrasound	
FNA Needles	57
Biopsy Forceps-Biliary	63

TISSUE ACQUISITION



TISSUE ACQUISITION (Biopsy & Sampling)

Biopsy Forceps	51-54, 58-62
Cytology Brushes	56
Biopsy Forceps-Hot	55, 64
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Biopsy Forceps-Biliary	63

Biopsy Forceps - For 2.8 mm Scope Channels

TISSUE ACQUISITION
SINGLE USE

Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Sheath Color	Compatible Scopes	Package Units
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EndoJaw Alligator Jaw-Step

FB-210K.A	155	7.2	2.8	Gray	GIF	20/Box
FB-210U.A	230	7.2	2.8	Blue	CF, PCF	20/Box

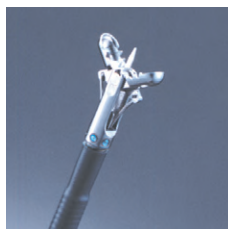


- Specially designed to minimize damage to the endoscope
- Stainless steel construction

Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Sheath Color	Compatible Scopes	Package Units
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EndoJaw Alligator Jaw-Step with Needle

FB-220K.A	155	7.2	2.8	Gray	GIF	20/Box
FB-220U.A	230	7.2	2.8	Blue	CF, PCF	20/Box



- Specially designed to minimize damage to the endoscope
- Stainless steel construction

Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Sheath Color	Compatible Scopes	Package Units
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EndoJaw Standard Oval

FB-230K.A	155	7.2	2.8	Gray	GIF	20/Box
FB-230U.A	230	7.2	2.8	Blue	CF, PCF	20/Box



- Specially designed to minimize damage to the endoscope
- Stainless steel construction

Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Sheath Color	Compatible Scopes	Package Units
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EndoJaw Standard Oval with Needle

FB-240K.A	155	7.2	2.8	Gray	GIF	20/Box
FB-240U.A	230	7.2	2.8	Blue	CF, PCF	20/Box



- Specially designed to minimize damage to the endoscope
- Stainless steel construction

Biopsy Forceps - For 3.2 mm Scope Channels

TISSUE ACQUISITION

SINGLE USE

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Sheath Color	Compatible Scopes	Package Units
EndoJaw Alligator Jaw-Step	FB-214U	230	7.7	3.2	Blue	PCF	20/Box



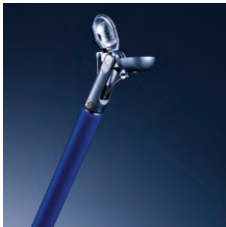
- Specially designed to minimize damage to the endoscope
- Stainless steel construction

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Sheath Color	Compatible Scopes	Package Units
EndoJaw Alligator Jaw-Step with Needle	FB-224U	230	7.7	3.2	Blue	PCF	20/Box



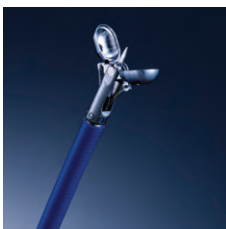
- Specially designed to minimize damage to the endoscope
- Stainless steel construction

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Sheath Color	Compatible Scopes	Package Units
EndoJaw Standard Oval	FB-234U	230	7.7	3.2	Blue	PCF	20/Box



- Specially designed to minimize damage to the endoscope
- Stainless steel construction

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Sheath Color	Compatible Scopes	Package Units
EndoJaw Standard Oval with Needle	FB-244U	230	7.7	3.2	Blue	PCF	20/Box



- Specially designed to minimize damage to the endoscope
- Stainless steel construction

Biopsy Forceps - For 3.7 mm Scope Channels

Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Sheath Color	Compatible Scopes	Package Units
EndoJaw Alligator Jaw-Step FB-212U	230	8.5	3.7	Blue	GIF, CF	5/Box



- Specially designed to minimize damage to the endoscope
- Stainless steel construction

Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Sheath Color	Compatible Scopes	Package Units
EndoJaw Alligator Jaw-Step with Needle FB-222U	230	8.5	3.7	Blue	GIF, CF	5/Box



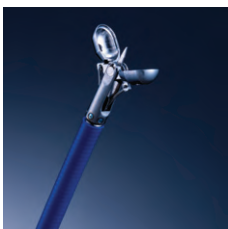
- Specially designed to minimize damage to the endoscope
- Stainless steel construction

Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Sheath Color	Compatible Scopes	Package Units
EndoJaw Standard Oval FB-232U	230	8.5	3.7	Blue	GIF, CF	5/Box



- Specially designed to minimize damage to the endoscope
- Stainless steel construction

Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Sheath Color	Compatible Scopes	Package Units
EndoJaw Standard Oval with Needle FB-242U	230	8.5	3.7	Blue	GIF, CF	5/Box



- Specially designed to minimize damage to the endoscope
- Stainless steel construction

TISSUE ACQUISITION
SINGLE USE

Biopsy Forceps - For 2.0 mm Scope Channels

TISSUE ACQUISITION

SINGLE USE

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Sheath Color	Compatible Scopes	Package Units
EndoJaw Alligator Jaw-Step	FB-211D.A	115	5.0	2.0	Green	BF	20/Box
	FB-211K.A	155	5.0	2.0	Gray	GIF	20/Box



- Specially designed to minimize damage to the endoscope
- Stainless steel construction

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Sheath Color	Compatible Scopes	Package Units
EndoJaw Alligator Jaw-Step with Needle	FB-221D.A	115	5.0	2.0	Green	BF	20/Box
	FB-221K.A	155	5.0	2.0	Gray	GIF	20/Box



- Specially designed to minimize damage to the endoscope
- Stainless steel construction

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Sheath Color	Compatible Scopes	Package Units
EndoJaw Standard Oval	FB-231D.A	115	5.0	2.0	Green	BF	20/Box
	FB-231K.A	155	5.0	2.0	Gray	GIF	20/Box



- Specially designed to minimize damage to the endoscope
- Stainless steel construction

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Sheath Color	Compatible Scopes	Package Units
EndoJaw Standard Oval with Needle	FB-241D.A	115	5.0	2.0	Green	BF	20/Box
	FB-241K.A	155	5.0	2.0	Gray	GIF	20/Box



- Specially designed to minimize damage to the endoscope
- Stainless steel construction

Biopsy Forceps-Hot

Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Sheath Color	Compatible Scopes	Package Units
EndoJaw Alligator Jaw-Step FD-210U	230	7.2	2.8	Blue	GIF, CF, PCF	5/Box



- Specially designed to minimize damage to the endoscope
- Stainless steel construction
- Smooth insertion capability

Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Sheath Color	Compatible Scopes	Package Units
EndoJaw Standard Oval FD-230U	230	7.2	2.8	Blue	GIF, CF, PCF	5/Box



- Specially designed to minimize damage to the endoscope
- Stainless steel construction
- Smooth insertion capability

Catalog #	Description	Package Units
Active Cord MH-969	Active cord for Olympus ES Units (except UES-30)	1/Box
MAJ-860	Active cord for Olympus UES-30, Valley Lab, Bovie, ERBE, ConMed, Burdick SU-7 and Neo Med EMS units	1/Box



As the creator of endoscopy clipping, Olympus is committed to further improving the reliability and efficiency of hemostatic clipping procedures. For additional information, see page 75.

QuickClip2



TISSUE ACQUISITION
SINGLE USE

Cytology Brushes

TISSUE ACQUISITION
SINGLE USE

Cytology Brushes for Pulmonary with Covered Sheath



Catalog #	Working Length (cm)	Brush Length/ Outer Diameter (mm)	Bristle Diameter (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
BC-202D-1210	115	10.0/1.2	0.064	2.0	BF	10/Box
BC-202D-2010	115	10.0/2.0	0.064	2.0	BF	10/Box
BC-202D-3010	115	10.0/3.0	0.064	2.0	BF	10/Box
BC-202D-5010	115	10.0/5.0	0.064	2.0	BF	10/Box
BC-203D-2006	115	6.0/2.0	0.064	1.2	BF	5/Box



- Brush for specimen collection
- Thick control wire

Cytology Brushes for Pulmonary with Uncovered Sheath



Catalog #	Working Length (cm)	Brush Length/ Outer Diameter (mm)	Bristle Diameter (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
BC-201C-1006	105	6.0/1.0	0.12	1.2	BF	6/Box



- Brush for specimen collection
- Thick control wire

Bullet Tip with Injection Port



Catalog #	Working Length (cm)	Brush Length/ Outer Diameter (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
BC-23Q	195	6.0/2.4	2.2	JF, TJF	3/Box



- Brush for specimen collection
- Thick control wire

Wire Guided with Injection Port



Catalog #	Working Length (cm)	Brush Length/ Outer Diameter (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
BC-24Q	195	6.0/2.4	2.2	JF, TJF	3/Box



35GW

- Brush for specimen collection
- Thick control wire

Endoscopic Ultrasound FNA Needles

	Catalog #	Working Length (cm)	Needle Gauge/Length	Minimum Channel Size (mm)	Package Units
EZ Shot	NA-200H-8022	140	22G/8 cm	2.0	5/Box



STERILE

- Includes 5 fully-assembled needle sets (handle, sheath, stylet) and syringes
- Excellent needle tip visibility
- Adjustable needle projection (0 – 8 cm)
- Outstanding puncture capability

TISSUE ACQUISITION
SINGLE USE

Biopsy Forceps

TISSUE ACQUISITION

REUSABLE

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Standard Fenestrated	FB-19C-1	105	4.0	2.0	BF	1/Box
	FB-19K-1	155	4.0	2.0	GIF	1/Box
	FB-19N-1	180	4.0	2.0	JF	1/Box
	FB-25K-1	155	4.8	2.8	GIF	1/Box
	FB-26N-1	180	5.5	2.8	JF, TJF	1/Box
	FB-28U-1	230	4.8	2.8	CF, PCF	1/Box
	FB-28Z-1	300	4.8	2.8	SIF	1/Box



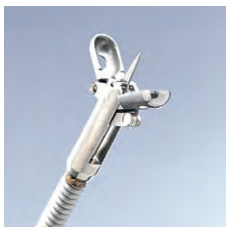
	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Standard Fenestrated, Rotatable	FB-19CR-1	105	4.0	2.0	BF	1/Box
	FB-19KR-1	155	4.0	2.0	GIF	1/Box
	FB-25KR-1	155	4.8	2.8	GIF	1/Box



	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Fenestrated Elongated with Needle	FB-22C-1	105	5.0	2.6	BF	1/Box
	FB-24E-1	120	7.3	2.8	Sig	1/Box
	FB-24K-1	155	7.3	2.8	GIF	1/Box
	FB-24Q-1	195	7.3	2.8	CF, PCF	1/Box
	FB-24U-1	230	7.3	2.8	CF, PCF	1/Box



	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Fenestrated Elongated with Needle, Rotatable	FB-24KR-1	155	7.3	2.8	GIF	1/Box



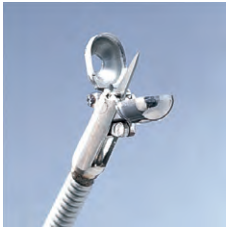
Biopsy Forceps

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Standard Fenestrated with Needle	FB-23K-1	155	5.0	2.8	GIF	1/Box
	FB-34C-1	105	4.4	2.0	BF	1/Box
	FB-34K-1	155	4.4	2.0	GIF	1/Box



- Standard fenestrated with needle

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Large Cup Fenestrated with Needle	FB-50K-1	155	7.0	3.7	GIF	1/Box
	FB-50Q-1	195	7.0	3.7	CF	1/Box
	FB-50U-1	230	7.0	3.7	CF	1/Box
	FB-51K-1	155	12.0	6.0	GIF	1/Box



- Large cup fenestrated with needle

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Large Cup with Needle	FB-13K-1	155	8.0	3.7	GIF	1/Box
	FB-13U-1	230	8.0	3.7	CF	1/Box



- Large cup with needle

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Rat Tooth Elongated Cup	FB-56D-1	115	7.3	1.2	BF, CHF-CB70, CHF-CB30L, CHF-P20	1/Box



- Rat tooth elongated cup

TISSUE ACQUISITION
REUSABLE

Biopsy Forceps

TISSUE ACQUISITION
REUSABLE

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Fenestrated Elongated Cup	FB-20C-1	105	5.0	2.6	BF	1/Box
	FB-21C-1	105	5.4	2.0	BF	1/Box
	FB-21K-1	155	5.4	2.0	GIF	1/Box
	FB-35C-1	105	7.3	2.8	BF	1/Box



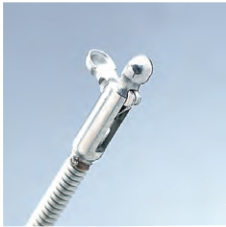
- Fenestrated elongated cup

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Fenestrated Alligator Jaw	FB-36C-1	105	7.3	2.8	BF	1/Box
	FB-36K-1	155	7.3	2.8	GIF	1/Box



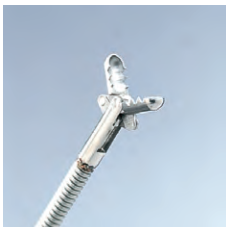
- Fenestrated alligator jaw

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Static Jaw	FB-11K-1	155	3.5	2.8	GIF	1/Box



- Static jaw

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Alligator Jaw	FB-15C-1	105	5.5	2.0	BF	1/Box
	FB-15K-1	155	5.5	2.0	GIF	1/Box



- Alligator jaw

Biopsy Forceps

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Fenestrated Rat Tooth	FB-37K-1	155	6.5	2.8	GIF	1/Box
	FB-37U-1	230	6.5	2.8	CF, PCF	1/Box
	FB-38W-1	250	4.1	1.7	CHF	1/Box



- Fenestrated rat tooth

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Fenestrated Rat Tooth Alligator Jaw	FB-53K-1	155	5.5	2.8	GIF	1/Box
	FB-53U-1	230	5.5	2.8	CF, PCF	1/Box
	FB-52C-1	105	5.0	2.0	BF	1/Box
	FB-52K-1	155	5.0	2.0	GIF	1/Box



- Swing jaw for targeting biopsy sites
- Fenestrated cup
- Rat tooth design

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Fenestrated Rat Tooth Alligator Jaw, Rotatable	FB-53KR-1	155	5.5	2.8	GIF	1/Box



- Swing jaw for targeting biopsy sites
- Fenestrated cup
- Rat tooth design
- Rotatable

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Fenestrated Rat Tooth Alligator Jaw, Elongated Cup	FB-54K-1	155	7.3	2.8	GIF	1/Box
	FB-54Q-1	195	7.3	2.8	CF, PCF	1/Box
	FB-54U-1	230	7.3	2.8	CF, PCF	1/Box



- Swing jaw for targeting biopsy sites
- Fenestrated cup
- Rat tooth design
- Elongated cup

TISSUE ACQUISITION
REUSABLE

Biopsy Forceps

TISSUE ACQUISITION
REUSABLE

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Fenestrated Rat Tooth Alligator Jaw, Elongated Cup, Rotatable	FB-54KR-1	155	7.3	2.8	GIF	1/Box



- Swing jaw for targeting biopsy sites
- Fenestrated cup
- Rat tooth design
- Elongated cup
- Rotatable

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Fenestrated Rat Tooth Alligator Jaw, Elongated Cup with Needle	FB-55K-1	155	7.3	2.8	GIF	1/Box
	FB-55Q-1	195	7.3	2.8	CF, PCF	1/Box
	FB-55U-1	230	7.3	2.8	CF, PCF	1/Box



- Swing jaw for targeting biopsy sites
- Fenestrated cup
- Rat tooth design
- Elongated cup with needle

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Fenestrated Rat Tooth Alligator Jaw, Elongated Cup with Needle, Rotatable	FB-55CR-1	105	7.3	2.8	BF	1/Box
	FB-55KR-1	155	7.3	2.8	GIF	1/Box



- Swing jaw for targeting biopsy sites
- Fenestrated cup
- Rat tooth design minimizes slippage during biopsy
- Elongated cup with needle
- Rotatable

Biopsy Forceps - Biliary

TISSUE ACQUISITION
REUSABLE

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Static Jaw Fenestrated	FB-45Q-1	195	3.0	2.2	JF, TJF	1/Box



- Side open to facilitate biopsy when approached tangentially
- Static jaw fenestrated

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Static Jaw Fenestrated Rat Tooth	FB-46Q-1	195	2.6	2.2	JF, TJF	1/Box



- Side open to facilitate biopsy when approached tangentially
- Static jaw fenestrated
- Rat tooth

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Swing Jaw Fenestrated Rat Tooth	FB-39Q-1	195	3.4	2.2	JF, TJF, GIF	1/Box
	FB-40Q-1	195	6.5	3.2	JF, TJF, GIF	1/Box



- Swing jaw for targeting biopsy sites
- Fenestrated cup
- Rat tooth design minimizes slippage during biopsy

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Elongated Cup for 1.2 Channel Scope	FB-44U-1/S0	230	4.2	1.2	CHF-BP30	1/Box



Biopsy Forceps - Hot

Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
FD-1L-1.B	165	7.8	2.8	GIF	1/Box
FD-1U-1.B	230	7.8	2.8	CF, PCF	1/Box
FD-1Z-1/S0*	300	7.8	2.8	SIF	1/Box *
FD-2U-1.B	230	8.6	3.7	CF	1/Box
FD-6C-1.B	105	5.0	2.6	BF	1/Box
FD-7C-1.B	105	4.0	2.0	BF	1/Box

Hot Biopsy Forceps



Includes 1 main body
*Special Order Item



Catalog #	Description	Package Units
MH-264	FD Handle	1/Box
MH-969	Active cord for Olympus ES Units (except UES-30)	1/Box
MAJ-860	Active cord for Olympus UES-30, Valley Lab, Bovie, ERBE, ConMed, Burdick SU-7 and Neo Med EMS units	1/Box

Replacement Parts for Reusable Hot Biopsy Forceps



FD Handle



Active Cord

TISSUE ACQUISITION
REUSABLE

OLYMPUS

EndoTherapy®

POLYPECTOMY



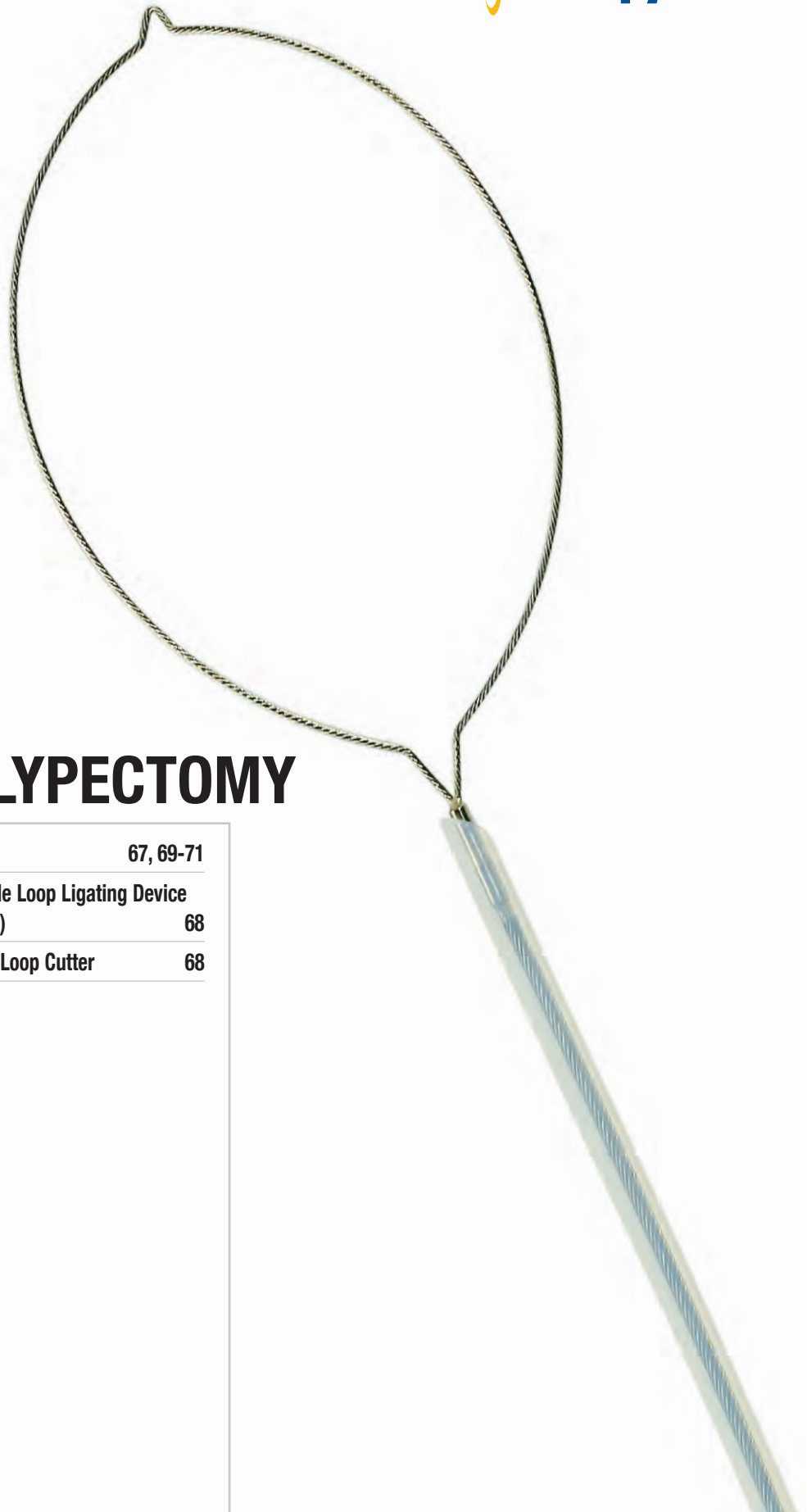
POLYPECTOMY

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POLYPECTOMY

POLYPECTOMY

Snares	67, 69-71
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Snares

Catalog #	Working Length (cm)	Loop Diameter (mm)	Wire Diameter (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
SnareMaster Soft Oval Snare SD-240U-10	230	10	0.40	2.8	GIF, CF, PCF	10/Box
SD-240U-15	230	15	0.40	2.8	GIF, CF, PCF	10/Box
SD-240U-25	230	25	0.40	2.8	GIF, CF, PCF	10/Box



*Active cord not included



- Pliable oval snare wire
- 10 mm, 15 mm and 25 mm sizes available
- Oval shape
- 0.40 mm wire diameter

Catalog #	Working Length (cm)	Loop Diameter (mm)	Wire Diameter (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
SnareMaster Oval Snare SD-210U-10	230	10	0.47	2.8	GIF, CF, PCF	10/Box
SD-210U-15	230	15	0.47	2.8	GIF, CF, PCF	10/Box
SD-210U-25	230	25	0.47	2.8	GIF, CF, PCF	10/Box



*Active cord not included



- Stiff snare wire
- Oval shape
- 10 mm, 15 mm and 25 mm sizes available

Catalog #	Working Length (cm)	Loop Diameter (mm)	Wire Diameter (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
SnareMaster Crescent Snare SD-221L-25	165	25	0.30	2.0	GIF	10/Box
SD-221U-25	230	25	0.30	2.0	CF, PCF	10/Box



*Active cord not included



- Pliable snare wire for EMR
- Crescent shape

Catalog #	Working Length (cm)	Loop Diameter (mm)	Wire Diameter (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
SnareMaster Spiral Snare SD-230U-20	230	20	0.48	2.8	GIF, CF, PCF	10/Box



*Active cord not included



- Designed for minimal slippage on mucosa or flat lesion
- Spiral snare wire

*For information on Active cord see page 69.

POLYPECTOMY

SINGLE USE

Detachable Loop Ligating Device

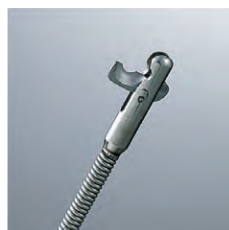
Catalog #	Working Length (cm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
PolyLoop	HX-400U-30	230	GIF, CF	5/Box



- Convenient pre-assembled, disposable design
- Easy, unassisted operation

Reusable Loop Cutter

Catalog #	Working Length (cm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
FS-5L-1	165	2.8	GIF	1/Box
FS-5Q-1	195	2.8	GIF, CF	1/Box
FS-5U-1	230	2.8	GIF, CF	1/Box



- Designed to endoscopically remove the Olympus detachable loop
- Not a suture cutter

For secure, slip-free capturing of the target area; resection of a wider area; and faster, easier, more accurate resection, see the products on page 97.

EMR Kit Endoscopic Mucosal Resection



POLYPECTOMY
SINGLE USE/REUSABLE

Snares

Catalog #	Working Length (cm)	Loop Diameter (mm)	Wire Diameter (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
SD-9L-1.B	165	25	0.47	2.8	GIF	1/Box
SD-9U-1.B	230	25	0.47	2.8	CF, PCF	1/Box
SD-9Z-1/SO	300	25	0.47	2.8	SIF	1/Box *
SD-11L-1.B	165	25	0.43	2.8	GIF	1/Box
SD-11U-1.B	230	25	0.43	2.8	CF, PCF	1/Box

Oval Snare



Includes 2 wires and 2 tubes (SD handle and Active cord not included)

*Special Order Item only – Includes 1 wire and 1 tube



- Stiff snare wire
- Oval shape

Catalog #	Description	Package Units
MH-264	SD handle	1/Box
MH-969	Active cord for Olympus ES Units (except UES-30)	1/Box
MAJ-860	Active cord for Olympus UES-30, Valley Lab, Bovie, ERBE, ConMed, Burdick SU-7 and Neo Med EMS units	1/Box
MAJ-013	SD-9L/11L-1 Tube	1/Box
MAJ-014	SD-9L-1 Wire	1/Box
MAJ-015	SD-9U/11U-1 Tube	1/Box
MAJ-016	SD-9U-1 Wire	1/Box
MAJ-018	SD-11U-1 Wire	1/Box

Parts for Reusable Polypectomy Snares



SD handle



Active Cord



POLYPECTOMY

REUSABLE

Snares

Catalog #	Working Length (cm)	Loop Diameter (mm)	Wire Diameter (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
SD-12U-1.B	230	15	0.47	2.8	CF, PCF	1/Box
SD-13U-1.B	230	15	0.43	2.8	CF, PCF	1/Box

Mini Oval Snare



Includes 2 wires and 2 tubes (SD handle and Active cord not included)



- Stiff wire
- Mini oval shape for resection of small polyps

Catalog #	Description	Package Units
MH-264	SD handle	1/Box
MH-969	Active cord for Olympus ES Units (except UES-30)	1/Box
MAJ-860	Active cord for Olympus UES-30, Valley Lab, Bovie, ERBE, ConMed, Burdick SU-7 and Neo Med EMS units	1/Box
MAJ-013	SD-12L/13L-1 Tube	1/Box
MAJ-015	SD-12U/13U-1 Tube	1/Box
MAJ-020	SD-12U-1 Wire	1/Box
MAJ-021	SD-13L-1 Wire	1/Box
MAJ-022	SD-13U-1 Wire	1/Box

Parts for Reusable Polypectomy Snares



SD handle



Active Cord



POLYPECTOMY

REUSABLE

Snares

	Catalog #	Working Length (cm)	Loop Diameter (mm)	Wire Diameter (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Crescent Snare	SD-7C-1.B	105	23	0.30	2.0	BF	1/Box *
	SD-7P-1.B	190	23	0.30	2.0	GIF, JF	1/Box *
	SD-18C-1.B	105	13	0.30	2.0	BF	1/Box *



* Includes 2 wires and 2 tubes (SD handle and Active cord not included)



- Crescent shape

	Catalog #	Package Description	Units
Parts for Reusable Crescent Polypectomy Snares	MH-264	SD handle	1/Box
	MH-969	Active cord for Olympus ES Units (except UES-30)	1/Box
	MAJ-860	Active cord for Olympus UES-30, Valley Lab, Bovie, ERBE, ConMed, Burdick SU-7 and Neo Med EMS units	1/Box
	MA-430	SD-5L/6L-1 Loading wire	1/Box
	MA-431	SD-5U/6U-1 Loading wire	1/Box
	MAJ-217	SD-5L-1 Tube	1/Box
	MAJ-219	SD-5U-1 Tube	1/Box
	MAJ-377	SD-7C/18C-1 Tube	1/Box
	MAJ-010	SD-7P-1 Tube	1/Box
	MAJ-218	SD-5U-1 Wire	1/Box
	MAJ-557	SD-7C-1 Wire	1/Box
MAJ-011	SD-7P-1 Wire	1/Box	



SD handle



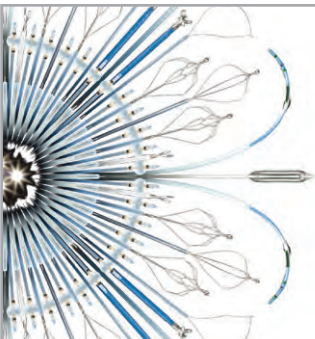
Active Cord



POLYPECTOMY

REUSABLE

NOTES:



FACTOID

It takes four hours for food to digest in the stomach.

OLYMPUS

EndoTherapy®



HEMOSTASIS

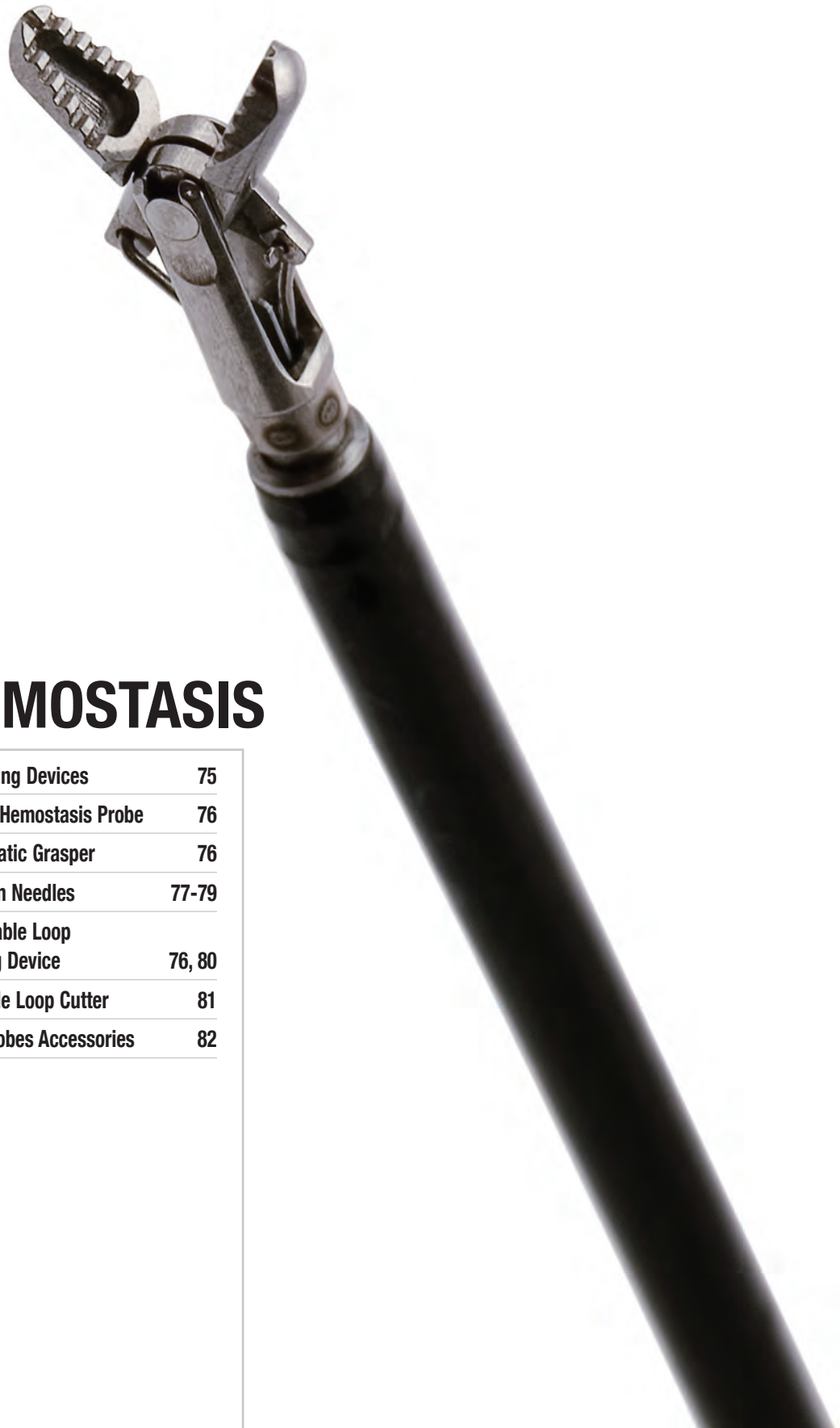
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HEMOSTASIS

HEMOSTASIS

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Rotatable Single Use Clip Fixing Devices

Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
QuickClip2 HX-201LR-135.A	165	9.0	2.8	GIF	20/Box
HX-201LR-135.B	165	9.0	2.8	GIF	5/Box
HX-201UR-135.A	230	9.0	2.8	GIF, CF	20/Box
HX-201UR-135.B	230	9.0	2.8	GIF, CF	5/Box



- Improved for easier maximum opening operation
- 1-1 rotation mechanism to ensure targeting
- Low profile design for easy maneuverability

Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
QuickClip2Long HX-201LR-135L.A	165	11.0	2.8	GIF	20/Box
HX-201LR-135L.B	165	11.0	2.8	GIF	5/Box
HX-201UR-135L.A	230	11.0	2.8	GIF, CF	20/Box
HX-201UR-135L.B	230	11.0	2.8	GIF, CF	5/Box



- Longer clip length for increased clip opening width
- Improved for easier maximum opening operation
- 1-1 rotation mechanism to ensure targeting

Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
QuickClip2 for Enteroscopy HX-201YR-135	270	9.0	2.8	GIF, CF, SIF	5/Box



- Able to insert at maximum scope angle
- Rotation mechanism to ensure targeting
- Low profile design

HEMOSTASIS

SINGLE USE

Bipolar Hemostasis Probe

	Catalog #	Working Length (cm)	Plug Type	Minimum Channel Size (mm)	Compatible Scopes	Package Units
BiCOAG	CD-B610LA	350	Single	3.7	GIF, CF, SIF	1/Box
	CD-B612LA	350	Dual	3.7	GIF, CF, SIF	1/Box
	CD-B620LA	350	Single	2.8	GIF, CF, SIF	1/Box
	CD-B622LA	350	Dual	2.8	GIF, CF, SIF	1/Box



- Two plug types for any bipolar generator
- Maximum length for use with any endoscope



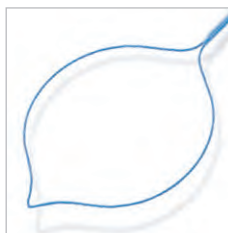
Coaxial Connector



Fixed Pin Connector

Detachable Loop Ligating Device

	Catalog #	Working Length (cm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
PolyLoop	HX-400U-30	230	2.8	GIF, CF	5/Box



- Proven effective for control of GI bleeding
- Convenient pre-assembled, disposable design
- Simple and easy to operate

Hemostatic Grasper

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Coagrasper	FD-410LR	165	5	2.8	GIF	1/Box




- Unique hemostatic grasping device
- Designed to cauterize, coagulate and stop bleeding in the GI tract
- Rotation feature allows approach from any angle
- Tapered tip and anti-slip construction provides more secure grasping of bleeding point
- Monopolar

HEMOSTASIS

SINGLE USE

Injection Needles

	Catalog #	Working Length (cm)	Needle Gauge/Length (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Disposable Injection Needles 	NM-400L-0421	165	21 G/4	2.8	GIF	5/Box
	NM-400L-0423	165	23 G/4	2.8	GIF	5/Box
	NM-400L-0425	165	25 G/4	2.8	GIF	5/Box
	NM-400L-0523	165	23 G/5	2.8	GIF	5/Box
	NM-400L-0524	165	25 G/5	2.8	GIF	5/Box
	NM-400L-0621	165	21 G/6	2.8	GIF	5/Box
	NM-400L-0623	165	23 G/6	2.8	GIF	5/Box
	NM-400L-0625	165	25 G/6	2.8	GIF	5/Box
	NM-400U-0323	230	23 G/3	2.8	GIF, CF	5/Box
	NM-400U-0423	230	23 G/4	2.8	GIF, CF	5/Box
	NM-400U-0425	230	25 G/4	2.8	CF	5/Box
	NM-400U-0523	230	23 G/5	2.8	CF	5/Box
	NM-400U-0525	230	25 G/5	2.8	CF	5/Box
	NM-400U-0623	230	23 G/6	2.8	CF	5/Box
	NM-400U-0625	230	25 G/6	2.8	CF	5/Box
	NM-400Y-0423	270	23 G/4	2.8	CF, SIF	5/Box
	NM-401L-0423	165	23 G/4	2.0	GIF	5/Box
	NM-401L-0425	165	25 G/4	2.0	GIF	5/Box
	NM-401L-0523	165	23 G/5	2.0	GIF	5/Box
	NM-401L-0525	165	25 G/5	2.0	GIF	5/Box
NM-401L-0623	165	23 G/6	2.0	GIF	5/Box	
NM-401L-0625	165	25 G/6	2.0	GIF	5/Box	



- Simplified handle for improved needle locking
- Dedicated SIF needle designed for small bowel endoscopy
- Larger injection lumen for smooth and consistent flow
- 14° needle tip bevel for upper GI
- 30° needle tip bevel for lower GI and small bowel

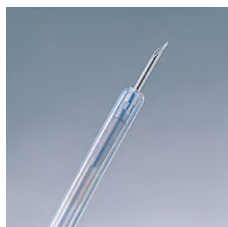
HEMOSTASIS

SINGLE USE

Injection Needles

Catalog #	Working Length (cm)	Needle Gauge/Length (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
NM-200L-0421	165	21 G/4	2.8	GIF	6/Box
NM-200L-0423	165	23 G/4	2.8	GIF	6/Box
NM-200L-0425	165	25 G/4	2.8	GIF	6/Box
NM-200L-0521	165	21 G/5	2.8	GIF	6/Box
NM-200L-0523	165	23 G/5	2.8	GIF	6/Box
NM-200L-0525	165	25 G/5	2.8	GIF	6/Box
NM-200L-0621	165	21 G/6	2.8	GIF	6/Box
NM-200L-0623	165	23 G/6	2.8	GIF	6/Box
NM-200L-0625	165	25 G/6	2.8	GIF	6/Box
NM-200L-0821	165	21 G/8	2.8	GIF	6/Box
NM-200U-0423	230	23 G/4	2.8	CF	6/Box
NM-200U-0425	230	25 G/4	2.8	CF	6/Box
NM-200U-0523	230	23 G/5	2.8	CF	6/Box
NM-200U-0525	230	25 G/5	2.8	CF	6/Box
NM-200U-0623	230	23 G/6	2.8	CF	6/Box
NM-200U-0625	230	25 G/6	2.8	CF	6/Box
NM-201L-0423	165	23 G/4	2.0	GIF	6/Box
NM-201L-0425	165	25 G/4	2.0	GIF	6/Box
NM-201L-0523	165	23 G/5	2.0	GIF	6/Box
NM-201L-0525	165	25 G/5	2.0	GIF	6/Box
NM-201L-0623	165	23 G/6	2.0	GIF	6/Box
NM-201L-0625	165	25 G/6	2.0	GIF	6/Box
NM-201L-0823	165	23 G/8	2.0	GIF	6/Box

Disposable Injection Needles



HEMOSTASIS

SINGLE USE



- Handle clicks when the needle is extended
- Excellent puncture performance
- 14° needle tip bevel for upper GI
- 30° needle tip bevel for lower GI

All Injection Needles on this page: While supplies last

Injection Needles

	Catalog #	Working Length (cm)	Needle Gauge/Length (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
6 Disposable Needles with Autoclavable Sheath	NM-4L-1	165	23 G/4	2.8	GIF	1 Set/Box
	NM-4U-1	230	23 G/4	2.8	CF	1 Set/Box
	NM-4Z-1/SO*	300	23 G/4	2.8	SIF	1 Set/Box *
	NM-5L-1	165	23 G/6	2.8	GIF	1 Set/Box
	NM-6L-1	165	21 G/4	2.8	GIF	1 Set/Box
	NM-7L-1	165	21 G/6	2.8	GIF	1 Set/Box
	NM-8L-1	165	23 G/4	2.0	BF, GIF	1 Set/Box
	NM-9L-1	165	23 G/6	2.0	BF, GIF	1 Set/Box



***Special Order Item**

Disposable Needles:



Reusable Sheath:



- Disposable needle and autoclavable stainless steel coil

	Catalog #	Description	Package Units
Replacement Autoclavable Sheath	MAJ-067	NM-4L-1 Sheath	1/Box
	MAJ-069	NM-4U-1 Sheath	1/Box
	MAJ-074	NM-8L-1 Sheath	1/Box



	Catalog #	Description	Package Units
Replacement Disposable Injection Needles	MAJ-068.A	NM-4L-1 Needle	6/Box
	MAJ-070.A	NM-4U-1 Needle	6/Box
	MAJ-071.A	NM-5L-1 Needle	6/Box
	MAJ-072.A	NM-6L-1 Needle	6/Box
	MAJ-073.A	NM-7L-1 Needle	6/Box
	MAJ-075.A	NM-8L-1 Needle	6/Box
	MAJ-076.A	NM-9L-1 Needle	6/Box

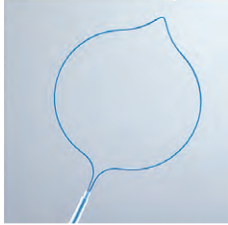


HEMOSTASIS

REUSABLE

Detachable Loop Ligating Device

	Catalog #	Working Length (cm)	Loop Diameter (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Endo-Loop	HX-20L-1.B	165	30	2.8	GIF	1/Box
	HX-20Q-1.B	195	30	2.8	GIF, CF	1/Box
	HX-20U-1.B	230	30	2.8	GIF, CF	1/Box



1 main body only



- Reloadable
- Main body includes tube sheath and coil sheath
- Loops and handle sold separately

	Catalog #	Description	Minimum Channel Size (mm)	Package Units
Replacement Parts for Endo-Loop	MAJ-251	Tube sheath for HX-20L-1*	2.8	1/Box
	MAJ-252	Tube sheath for HX-20Q-1*	2.8	1/Box
	MAJ-253	Tube sheath for HX-20U-1*	2.8	1/Box
	MA-479	Loop handle		1/Box



*Coil sheath replacement not available separately



	Catalog #	Description	Package Units
Replacement Parts for Endo-Loop	MAJ-254	30 mm loop	10/Box
	MAJ-340	20 mm mini-loop	10/Box



HEMOSTASIS

REUSABLE

Reusable Loop Cutter

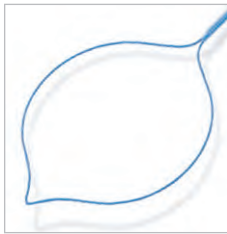
	Catalog #	Working Length (cm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Loop Cutter	FS-5L-1	165	2.8	GIF	1/Box
	FS-5Q-1	195	2.8	GIF, CF	1/Box
	FS-5U-1	230	2.8	GIF, CF	1/Box



- Designed to endoscopically remove the Olympus detachable loop
- Not a suture cutter

Detachable Loop Ligating Device

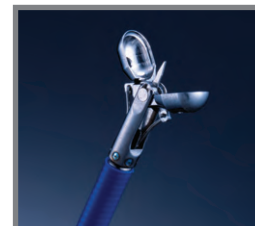
	Catalog #	Working Length (cm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
PolyLoop	HX-400U-30	230	2.8	GIF, CF	5/Box



- Proven effective for control of GI bleeding
- Convenient pre-assembled, disposable design
- Simple and easy to operate

Olympus offers a wider range of biopsy forceps than any other company, providing endoscopists with the tools to tackle virtually any situation. For more information, see page 51.


EndoJaw



HEMOSTASIS

REUSABLE

Heat Probes Accessories

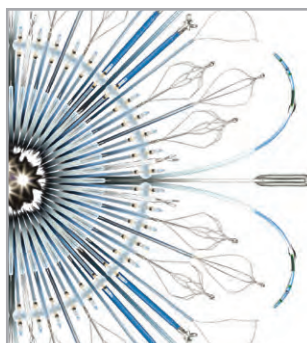
	Catalog #	Description	Working Length (cm)	Package Units
Replacement Parts for HPU-20 HeatProbe Unit 	CD-110U	HeatProbe - 3.7 mm channel	230	1/Box
	CD-120U	HeatProbe - 2.8 mm channel	230	1/Box
	CD-120Z/SO	HeatProbe - 2.8 mm channel (SIF-100 & SIF-Q140)	300	1/Box *
	MAJ-526	Autoclavable water bottle		1/Box
	MAJ-527	Autoclavable roller pump		1/Box
	MAJ-528	Footswitch with cable (not autoclavable)		1/Box

*Special order item



HEMOSTASIS

REUSABLE

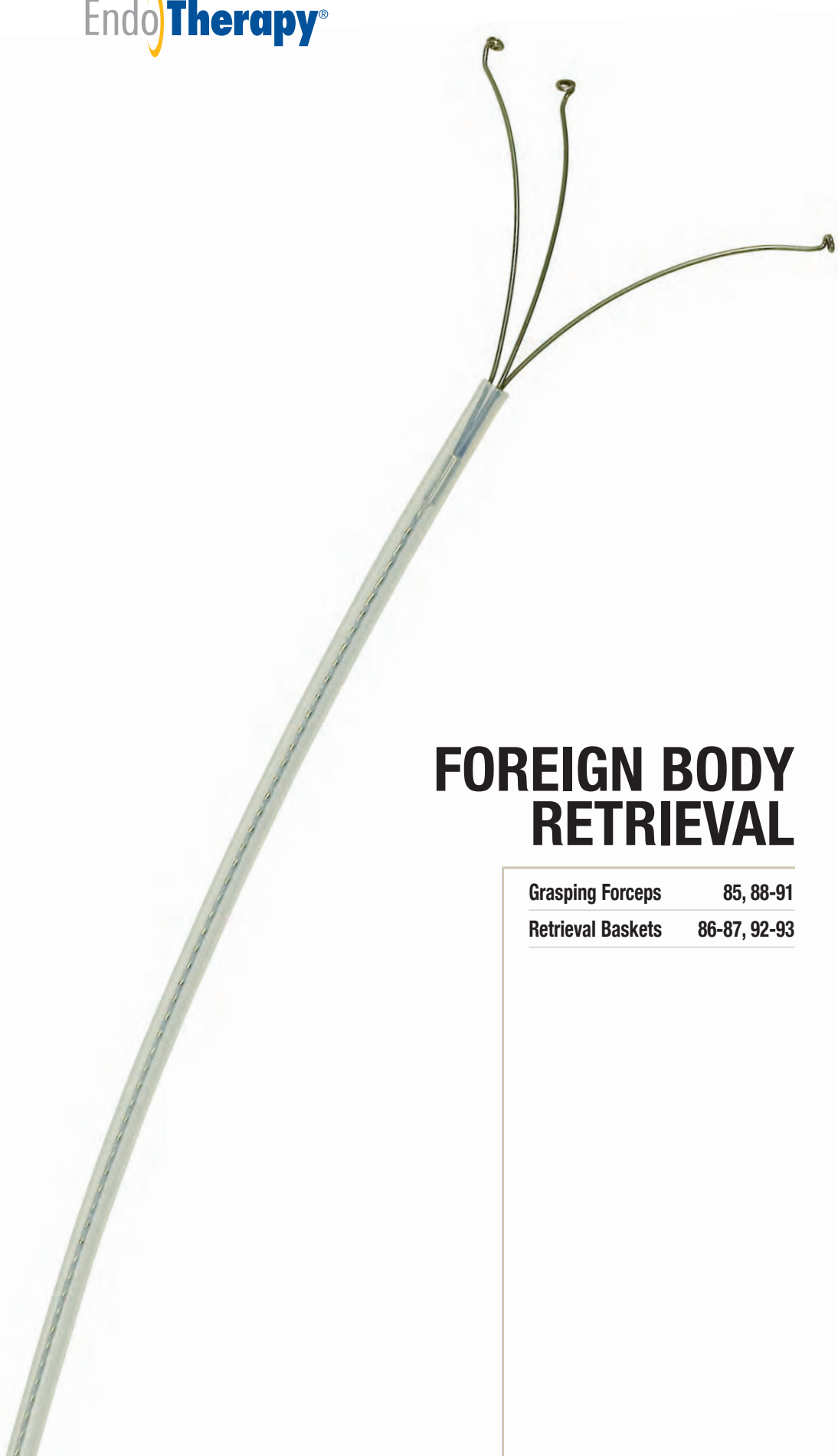


FACTOID

The small intestine absorbs most of the nutrients from our food.

OLYMPUS

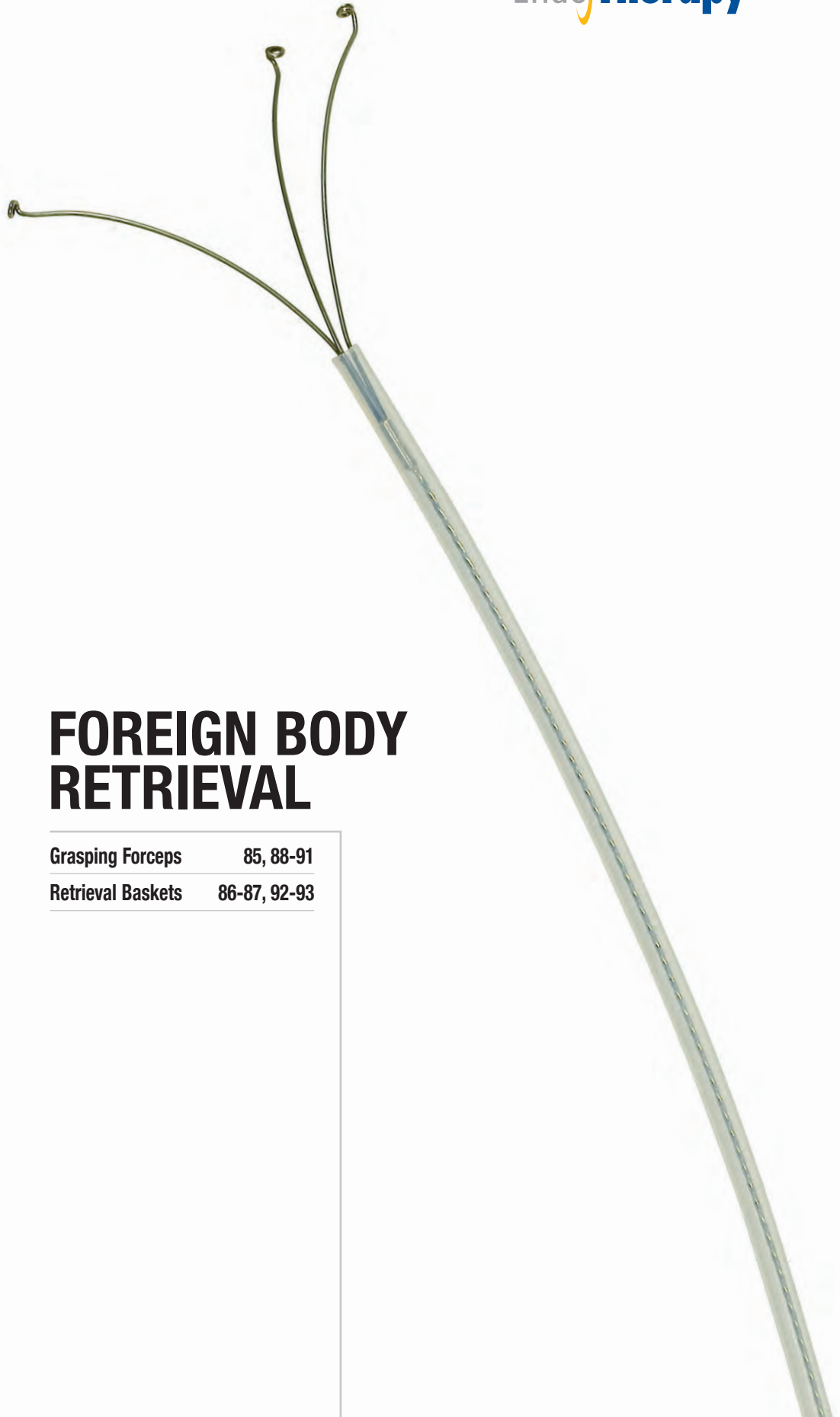
EndoTherapy®



FOREIGN BODY
RETRIEVAL

FOREIGN BODY RETRIEVAL

Grasping Forceps	85, 88-91
Retrieval Baskets	86-87, 92-93



FOREIGN BODY
RETRIEVAL

FOREIGN BODY RETRIEVAL

Grasping Forceps 85, 88-91

Retrieval Baskets 86-87, 92-93

Grasping Forceps

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
3-Nail	FG-54D	115	10.0	1.2	BF	1/Box



- Ideal for the retrieval of foreign bodies
- Pulmonary use

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Polygrab Tripod For Polyp Retrieval	FG-600U	230	20.0	2.8	GIF, CF, PCF	5/box



- Wide opening tripod prongs
- Grasping arms ensure excellent retrieval of tissue

Olympus retrieval devices offer solutions for any situation. For reference chart, see pages 168-169.

Retrieval Solutions



FOREIGN BODY
RETRIEVAL

SINGLE USE

Retrieval Baskets

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
FlowerBasket with Pin-Vise Handle	FG-401Q	195	20.0	2.8	JF, TJF	1/Box



- Eight-wire construction for small stones
- Flower shape design for the capture and removal of small and large stones
- Bullet-shaped tip for easy insertion

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Stiff Wire Basket	FG-402Q	195	22.0	2.8	GIF, TJF, JF	1/Box



- Four-wire construction
- Stiff wire
- Bullet-shaped tip for easy insertion

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Soft Wire Basket	FG-403Q	195	22.0	2.8	GIF, TJF, JF	1/Box



- Four-wire construction
- Soft wire
- Bullet-shaped tip

FOREIGN BODY RETRIEVAL
SINGLE USE

Retrieval Baskets

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Three-Wire Spiral Basket	FG-52D	115	10.0	1.2	BF	1/Box



- Ideal for the retrieval of foreign bodies
- Pulmonary use

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Four-Wire Spiral Basket	FG-51D	115	11.0	1.2	BF	1/Box



- Ideal for the retrieval of foreign bodies
- Pulmonary use

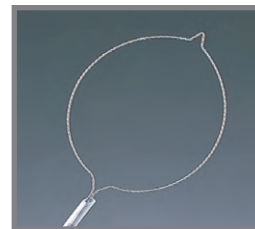
	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Four-Wire Basket	FG-33W	250	10.0	1.7	CHF-B20	2/Box



- Four-wire basket
- Ideal for the retrieval of stones in the common bile duct
- For small channel endoscopes

The range of SnareMaster styles and sizes offer physicians a wide array of options for meeting procedural challenges. For additional information, see page 67.

SnareMaster



FOREIGN BODY RETRIEVAL
SINGLE USE

Grasping Forceps

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Alligator Jaw	FG-6L-1	165	7.5	2.8	GIF	1/Box
	FG-6U-1	230	7.5	2.8	CF, PCF	1/Box
	FG-7L-1	165	11.3	3.7	GIF	1/Box
	FG-7U-1	230	11.3	3.7	CF	1/Box



- Suitable shape for retrieving various foreign bodies

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Tripod For Polyps	FG-45L-1	165	20.0	2.8	GIF	1/Box
	FG-45U-1	230	20.0	2.8	CF, PCF	1/Box



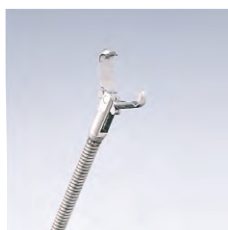
- Useful for retrieval of foreign bodies and resected tissue
- Proximal flushing port permits irrigation through external lumens

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Pentapod For Small Polyps	FG-46L-1	165	20.0	2.8	GIF	1/Box
	FG-46U-1	230	20.0	2.8	CF, PCF	1/Box



- Useful for retrieval of small tissue samples
- Proximal flushing port permits irrigation through external lumens

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Shark Tooth	FG-32C-1	105	4.7	2.8	BF	1/Box
	FG-32L-1	165	4.7	2.8	GIF	1/Box



- Larger jaw and rat tooth design
- Ideal for retrieval of foreign objects such as coins

FOREIGN BODY RETRIEVAL
REUSABLE

Grasping Forceps

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
V-Shape For Foreign Bodies	FG-4L-1	165	13.0	2.0	GIF	1/Box
	FG-25C-1	105	13.0	2.6	BF	1/Box



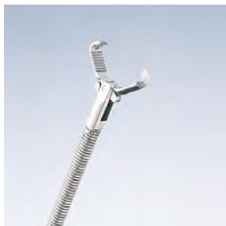
- Secure grasping during operation and fine tissue manipulation
- Ideal for retrieval of foreign bodies such as coins

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Rubber Tip (non-latex) For Foreign Bodies	FG-20P-1	190	4.8	2.0	BF, GIF, JF, TJF	1/Box
	FG-21L-1	165	7.3	2.8	GIF	1/Box



- Ideal for retrieval of foreign bodies such as pins, needles, nails, blades, etc.

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Rat Tooth Alligator Jaw, Rotatable For Foreign Bodies	FG-44NR-1	180	6.9	2.8	JF, TJF	1/Box



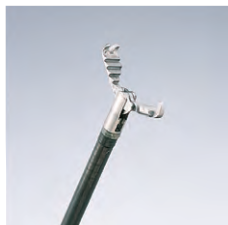
- Ideal for retrieval of foreign bodies such as biliary plastic stents
- Combines the features of alligator jaw and rat tooth forceps
- Fully rotatable

FOREIGN BODY RETRIEVAL

REUSABLE

Grasping Forceps

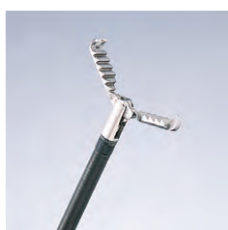
	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Rat Tooth Alligator Jaw	FG-42L-1	165	11.3	2.8	GIF	1/Box
	FG-47L-1	165	14.9	2.8	GIF	1/Box
	FG-49L-1	165	19.5	2.8	GIF	1/Box



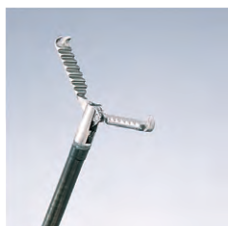
FG-42L-1



- Combines the features of alligator jaw and rat tooth forceps for optimal grasping
- Ideal for grasping tissue



FG-47L-1



FG-49L-1

FOREIGN BODY
RETRIEVAL

REUSABLE

Grasping Forceps

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Rat Tooth	FG-8L-1	165	4.7	2.8	GIF	1/Box
	FG-8U-1	230	4.7	2.8	CF, PCF	1/Box
	FG-9L-1	165	8.3	3.7	GIF	1/Box
	FG-9U-1	230	8.3	3.7	CF	1/Box

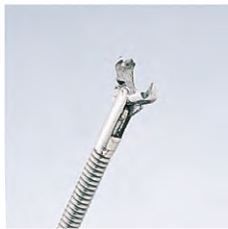


FG-9L/9U-1



- Rat tooth design ideal for retrieval of foreign bodies such as soft objects
- Also ideal for retrieval of foreign bodies such as stents in the GI tract

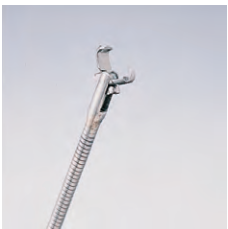
	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Rat Tooth	FG-14P-1	190	3.0	2.0	GIF, JF, BF	1/Box
	FG-26C-1	105	3.5	2.6	BF	1/Box



FG-14P-1



- Rat tooth design ideal for retrieval of foreign bodies such as soft objects
- Provides secure grasping during operation and fine tissue manipulation
- Especially useful in narrow cavities



FG-26C-1

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Rat Tooth	FG-48L-1	165	19.5	2.8	GIF	1/Box
	FG-50L-1	165	15.5	2.8	GIF	1/Box



FG-50L-1



- Rat tooth design ideal for retrieval of foreign bodies such as soft objects
- Also ideal for retrieval of soft objects such as stents in the GI tract



FG-48L-1

FOREIGN BODY
RETRIEVAL

REUSABLE

Retrieval Baskets

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Four-Wire Basket	FG-16L-1.B	165	35.0	2.8	GIF	1/Box
	FG-16U-1.B	230	35.0	2.8	CF, PCF	1/Box
	FG-17K-1.B	155	32.0	2.0	BF, GIF	1/Box
	FG-18Q-1	195	22.0	2.0	JF	1/Box



- Four-wire construction
- Useful for retrieving foreign bodies, such as round and slippery objects
- Handle (MAJ-479) not included

Catalog #	Description	Package Units
MA-479	Handle for FG-16/17/18	1/Box

Replacement Handle



FG Handle

Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
FG-22Q-1	195	22.0	2.8	JF, TJF	1/Box

Stiff Wire Basket with Pin-Vise Handle



- Four-wire construction
- Stiff wire
- Bullet-shaped tip

FOREIGN BODY RETRIEVAL
REUSABLE

Retrieval Baskets

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Soft Wire Basket with Pin-Vise Handle	FG-23Q-1	195	22.0	2.8	JF, TJF	1/Box



- Four-wire construction
- Soft wire
- Bullet-shaped tip

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Flower Basket with Pin-Vise Handle For Small Stones	FG-301Q	195	20.0	2.8	JF, TJF	1/Box

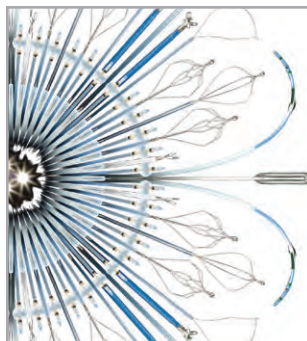


- Eight-wire construction
- Flower shape design for the capture and removal of small and large stones
- Bullet-shaped tip

FOREIGN BODY
RETRIEVAL

REUSABLE

NOTES:



FACTOID

90 percent of new colorectal cancer cases occur in patients age 50 or older.

OLYMPUS

EndoTherapy®



EMR/EUS

EMR/EUS

EMR Kits for Endoscopic Mucosal Resection for Upper GI	97-98
EMR Kits for Endoscopic Mucosal Resection for Lower GI	99
EMR Kit Summary Tables	100
EUS Needles	101

EMR/EUS

EMR/EUS

EMR Kits for Endoscopic Mucosal Resection for Upper GI	97-98
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EMR Kits for Endoscopic Mucosal Resection for Upper GI

	Catalog #	Working Length (cm)	Cap Type	Maximum Cap O.D. (mm)	Compatible Scopes	Package Units
EMR Kit with Hard Cap	K-001	165	Hard Straight	13.9	GIF	1/Box
	K-002	165	Hard Straight	14.9	GIF	1/Box
	K-003	165	Hard Wide Oblique	16.1	GIF	1/Box
	K-004	165	Hard Wide Oblique	16.1	GIF	1/Box
	K-011	165	Hard Straight	12.9	GIF	1/Box
	K-012	165	Hard Wide Oblique	16.1	GIF	1/Box



- Contains everything needed to perform EMR
- Hard cap

Distal Attachment Specifications

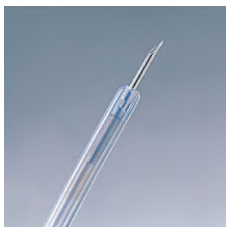
Kit Model	Maximum Cap Outer Diameter (mm)	Compatible Endoscopes
K-001	13.9	GIF-XV10, PV10, XQ20, XQ30, XQ40, 100, 130, 140, XQ140, Q160, H180, H180J
K-002	14.9	GIF-V10, Q20, Q30, Q40, 1T20, 1T30, Q140, 1T130, 1T140
K-003	16.1	GIF-XV10, PV10, XQ20, XQ30, XQ40, 100, 130, 140, XQ140, Q160, H180, H180J
K-004	16.1	GIF-V10, Q20, Q30, Q40, 1T20, 1T30, Q140, 1T130, 1T140
K-011	12.9	GIF-PQ20, P140, 160, Q165, Q180
K-012	16.1	GIF-PQ20, P140, 160, Q165, Q180

Kit Contains:

Catalog #	Description									
SD-221L-25	SnareMaster Disposable Crescent Snare									
	<table border="1"> <thead> <tr> <th>Working Length (cm)</th> <th>Loop Diameter (mm)</th> <th>Wire Diameter (mm)</th> <th>Minimum Channel Size (mm)</th> <th>Compatible Scopes</th> </tr> </thead> <tbody> <tr> <td>165</td> <td>25</td> <td>0.3</td> <td>2.0</td> <td>GIF</td> </tr> </tbody> </table>	Working Length (cm)	Loop Diameter (mm)	Wire Diameter (mm)	Minimum Channel Size (mm)	Compatible Scopes	165	25	0.3	2.0
Working Length (cm)	Loop Diameter (mm)	Wire Diameter (mm)	Minimum Channel Size (mm)	Compatible Scopes						
165	25	0.3	2.0	GIF						
NM-401L-0423	InjectorForce Disposable Injection Needle									
	<table border="1"> <thead> <tr> <th>Working Length (cm)</th> <th>Needle Gauge/Length</th> <th>Minimum Channel Size (mm)</th> <th>Compatible Scopes</th> </tr> </thead> <tbody> <tr> <td>165</td> <td>23G/4mm</td> <td>2.0</td> <td>GIF</td> </tr> </tbody> </table>	Working Length (cm)	Needle Gauge/Length	Minimum Channel Size (mm)	Compatible Scopes	165	23G/4mm	2.0	GIF	
Working Length (cm)	Needle Gauge/Length	Minimum Channel Size (mm)	Compatible Scopes							
165	23G/4mm	2.0	GIF							
PW-205L	Disposable Spray Catheter									
	<table border="1"> <thead> <tr> <th>Working Length (cm)</th> <th>Minimum Channel Size (mm)</th> <th>Compatible Scopes</th> </tr> </thead> <tbody> <tr> <td>165</td> <td>2.8</td> <td>GIF</td> </tr> </tbody> </table>	Working Length (cm)	Minimum Channel Size (mm)	Compatible Scopes	165	2.8	GIF			
Working Length (cm)	Minimum Channel Size (mm)	Compatible Scopes								
165	2.8	GIF								
One Cap	Disposable Hard Distal Cap with Rim									



SD-221L-25



NM-401L-0423



PW-205L



EMR Cap - Oblique



EMR Cap - Straight

EMR/EUS

SINGLE USE

EMR Kits for Endoscopic Mucosal Resection For Upper GI

	Catalog #	Working Length (cm)	Cap Type	Maximum Cap O.D. (mm)	Compatible Scopes	Package Units
EMR Kit with Soft Cap	K-005	165	Soft Oblique	18.0	GIF	1/Box
	K-006	165	Soft Oblique	18.0	GIF	1/Box
	K-007	165	Soft Oblique	18.0	GIF	1/Box
	K-008	165	Soft Oblique	18.0	GIF	1/Box
	K-009	165	Soft Oblique	18.0	GIF	1/Box



- Contains everything needed to perform EMR
- Soft cap

Distal Attachment Specifications

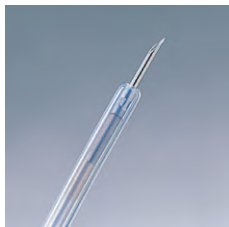
Kit Model	Maximum Cap Outer Diameter (mm)	Compatible Endoscopes
K-005	18.0	GIF-160
K-006	18.0	GIF-Q165, Q180
K-007	18.0	GIF-V, V70, 100, 130, XQ140, XQ30, XQ40
K-008	18.0	GIF-V2, G110, 140, Q160, H180, H180J
K-009	18.0	GIF-Q140, Q30, Q40, 1T130, 1T140

Kit Contains:

Catalog #	Description										
SD-221L-25	SnareMaster Disposable Crescent Snare										
	<table border="1"> <thead> <tr> <th>Working Length (cm)</th> <th>Loop Diameter (mm)</th> <th>Wire Diameter (mm)</th> <th>Minimum Channel Size (mm)</th> <th>Compatible Scopes</th> </tr> </thead> <tbody> <tr> <td>165</td> <td>25</td> <td>0.3</td> <td>2.0</td> <td>GIF</td> </tr> </tbody> </table>	Working Length (cm)	Loop Diameter (mm)	Wire Diameter (mm)	Minimum Channel Size (mm)	Compatible Scopes	165	25	0.3	2.0	GIF
Working Length (cm)	Loop Diameter (mm)	Wire Diameter (mm)	Minimum Channel Size (mm)	Compatible Scopes							
165	25	0.3	2.0	GIF							
NM-400L-0423	InjectorForce Disposable Injection Needle										
	<table border="1"> <thead> <tr> <th>Working Length (cm)</th> <th>Needle Gauge/Length</th> <th>Minimum Channel Size (mm)</th> <th>Compatible Scopes</th> </tr> </thead> <tbody> <tr> <td>165</td> <td>23G/4 mm</td> <td>2.8</td> <td>GIF</td> </tr> </tbody> </table>	Working Length (cm)	Needle Gauge/Length	Minimum Channel Size (mm)	Compatible Scopes	165	23G/4 mm	2.8	GIF		
Working Length (cm)	Needle Gauge/Length	Minimum Channel Size (mm)	Compatible Scopes								
165	23G/4 mm	2.8	GIF								
PW-205L	Disposable Spray Catheter										
	<table border="1"> <thead> <tr> <th>Working Length (cm)</th> <th>Minimum Channel Size (mm)</th> <th>Compatible Scopes</th> </tr> </thead> <tbody> <tr> <td>165</td> <td>2.8</td> <td>GIF</td> </tr> </tbody> </table>	Working Length (cm)	Minimum Channel Size (mm)	Compatible Scopes	165	2.8	GIF				
Working Length (cm)	Minimum Channel Size (mm)	Compatible Scopes									
165	2.8	GIF									
One Cap	Disposable Soft Distal Cap with Rim										



SD-221L-25



NM-400L-0423



PW-205L



EMR Cap - Soft



EMR/EUS

SINGLE USE

EMR Kits for Endoscopic Mucosal Resection for Lower GI

	Catalog #	Working Length (cm)	Compatible Scopes	Package Units
EMR Kit (No Cap)	K-010	230	CF	1/Box



- Contains everything needed for single channel EMR
- Spiral snare securely grasps the target tissue
- No cap

Kit Contains:

Catalog #	Description	Working Length (cm)	Loop Diameter (mm)	Wire Diameter (mm)	Minimum Channel Size (mm)	Compatible Scopes
SD-230U-20	SnareMaster Disposable Spiral Snare	230	20	0.48	2.8	CF, PCF
NM-400U-0425	InjectorForce Disposable Injection Needle	230	25G/4 mm		2.8	CF, PCF
PW-205V	Disposable Spray Catheter	240			2.8	CF, PCF



SD-230U-20



NM-400U-0425



PW-205V



EMR/EUS

SINGLE USE

EMR Kit Summary Tables

Contents

Kit Model	SD-221L-25	PW-205L	NM-401L-0423	NM-400L-0423
K-001	1	1	1	–
K-002	1	1	1	–
K-003	1	1	1	–
K-004	1	1	1	–
K-005	1	1	–	1
K-006	1	1	–	1
K-007	1	1	–	1
K-008	1	1	–	1
K-009	1	1	–	1
K-011	1	1	1	–
K-012	1	1	1	–

Distal Attachment Specifications

Kit Model	Maximum Cap Outer Diameter (mm)	Compatible Endoscopes
K-001	13.9	GIF-XV10, PV10, XQ20, XQ30, XQ40, 100, 130, 140, XQ140, Q160, H180, H180J
K-002	14.9	GIF-V10, Q20, Q30, Q40, 1T20, 1T30, Q140, 1T130, 1T140
K-003	16.1	GIF-XV10, PV10, XQ20, XQ30, XQ40, 100, 130, 140, XQ140, Q160, H180, H180J
K-004	16.1	GIF-V10, Q20, Q30, Q40, 1T20, 1T30, Q140, 1T130, 1T140
K-005	18.0	GIF-160
K-006	18.0	GIF-Q165, Q180
K-007	18.0	GIF-V, V70, 100, 130, XQ140, XQ30, XQ40
K-008	18.0	GIF-V2, G110, 140, Q160, H180, H180J
K-009	18.0	GIF-Q140, Q30, Q40, 1T130, 1T140
K-011	12.9	GIF-PQ20, P140, 160, Q165, Q180
K-012	16.1	GIF-PQ20, P140, 160, Q165, Q180

Endoscopic Ultrasound FNA Needles

	Catalog #	Working Length (cm)	Needle Gauge/Length	Minimum Channel Size (mm)	Package Units
EZ Shot	NA-200H-8022	140	22G/8 cm	2.0	5/Box



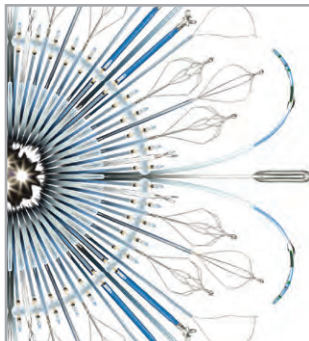
STERILE

- Includes 5 fully-assembled needle sets (handle, sheath, stylet) and syringes
- Excellent needle tip visibility
- Adjustable needle projection (0 – 8 cm)
- Outstanding puncture capability

EMR/EUS

SINGLE USE

NOTES:



FACTOID

The liver produces about 80 percent of the cholesterol in your body.

OLYMPUS

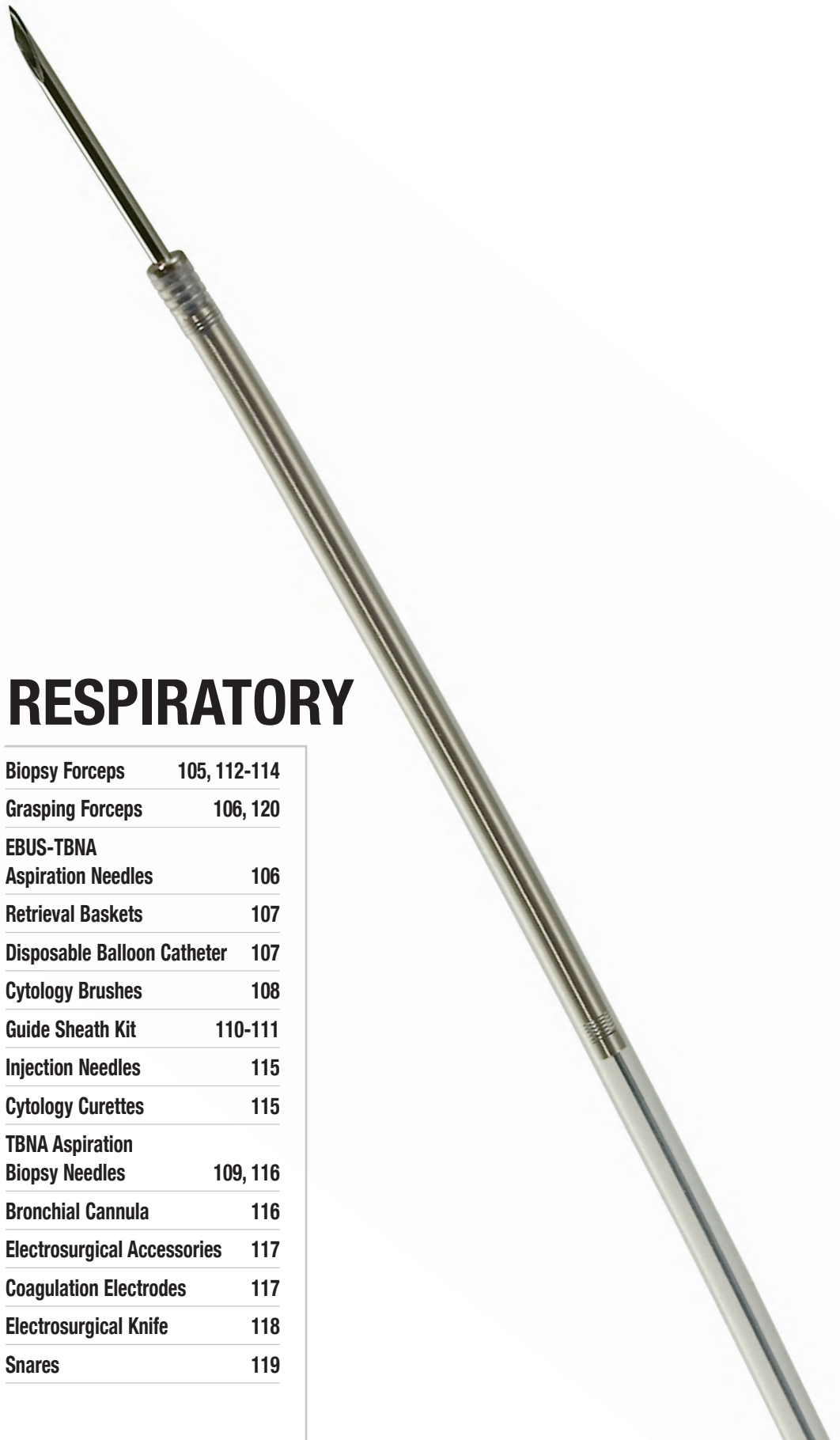
EndoTherapy®

RESPIRATORY

Biopsy Forceps	105, 112-114
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RESPIRATORY





RESPIRATORY

RESPIRATORY

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Biopsy Forceps - For 2.0 mm Scope Channels

Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Sheath Color	Compatible Scopes	Package Units
EndoJaw Alligator Jaw-Step FB-211D.A	115	5.0	2.0	Green	BF	20/Box



- Specially designed to minimize damage to the scope
- Stainless steel construction
- Alligator jaw-step

Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Sheath Color	Compatible Scopes	Package Units
EndoJaw Alligator Jaw-Step with Needle FB-221D.A	115	5.0	2.0	Green	BF	20/Box



- Specially designed to minimize damage to the scope
- Stainless steel construction
- Alligator jaw-step with needle

Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Sheath Color	Compatible Scopes	Package Units
EndoJaw Standard Oval FB-231D.A	115	5.0	2.0	Green	BF	20/Box



- Specially designed to minimize damage to the scope
- Stainless steel construction
- Standard oval

Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Sheath Color	Compatible Scopes	Package Units
EndoJaw Standard Oval with Needle FB-241D.A	115	5.0	2.0	Green	BF	20/Box



- Specially designed to minimize damage to the scope
- Stainless steel construction
- Standard oval

SINGLE USE

RESPIRATORY

Grasping Forceps

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
3-Nail	FG-54D	115	10.0	1.2	BF	1/Box



- Ideal for the retrieval of foreign bodies for pulmonary
- Pulmonary use

EBUS-TBNA Aspiration Needles

	Catalog #	Working Length (cm)	Maximum Needle Gauge/Length (mm)	Insertion Portion Diameter (mm)	Compatible Scopes	Package Units
Single-Use Aspiration Needle	NA-201SX-4021	70	21G/40	1.9	BF EBUS Scope	5/Box
	NA-201SX-4022-A	70	22G/40	1.8	BF EBUS Scope	5/Box
	NA-201SX-4022-B	70	22G/40	1.8	BF EBUS Scope	1/Box
	NA-201SX-4022-C	70	22G/40	1.8	BF EBUS Scope	5/Box



A includes 5 needles, 5 lockable syringes and 5 MAJ-1414 biopsy valves
 B includes 1 needle, 1 lockable syringe and 1 MAJ-1414 biopsy valve
 C includes 5 needles and 5 MAJ-1414 biopsy valves

- Maximum extruding stroke is 40 mm
- Specifically designed for use with the BF-UC160F-OL8 and BF-UC180F-A/O Olympus EBUS scopes only
- Surface of the needle tip has a dimpled echogenic design for safe, reliable TBNA

	Catalog #	Description	Package Units
Replacement Biopsy Valve	MAJ-1414	Biopsy valve for use with Olympus BF EBUS Scopes	10/Box



SINGLE USE RESPIRATORY

Retrieval Baskets

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Three-Wire Spiral Basket	FG-52D	115	10.0	1.2	BF	1/Box



- Ideal for the retrieval of foreign bodies for pulmonary

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Four-Wire Spiral Basket	FG-51D	115	11.0	1.2	BF	1/Box



- Ideal for the retrieval of foreign bodies for pulmonary

Disposable Balloon Catheter

	Catalog #	Working Length (cm)	Balloon Injection Port	Minimum Diameter (mm)	Channel Size (mm)	Package Units
Disposable Balloon Catheter	B5-2C	105	Above	11	2.0	1/Box



- Double lumen catheter construction
- Indications include: hemostasis within the respiratory organs, retrieval of foreign bodies and injection of contrast medium into bile duct, pancreatic duct and respiratory organs

SINGLE USE

RESPIRATORY

Cytology Brushes

Catalog #	Working Length (cm)	Brush Length/ Outer Diameter (mm)	Bristle Diameter (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
BC-202D-1210	115	10.0/1.2	0.064	2.0	BF	10/Box
BC-202D-2010	115	10.0/2.0	0.064	2.0	BF	10/Box
BC-202D-3010	115	10.0/3.0	0.064	2.0	BF	10/Box
BC-202D-5010	115	10.0/5.0	0.064	2.0	BF	10/Box
BC-203D-2006	115	6.0/2.0	0.064	1.2	BF	5/Box

Cytology Brushes for Pulmonary with Covered Sheath



- Covered sheath protects harvested specimens

Catalog #	Working Length (cm)	Brush Length/ Outer Diameter (mm)	Bristle Diameter (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
BC-201C-1006	105	6.0/1.0	0.12	1.2	BF	6/Box

Cytology Brushes for Pulmonary



- Uncovered sheath

SINGLE USE

RESPIRATORY

TBNA Aspiration Biopsy Needles

	Catalog #	Working Length (cm)	Needle Gauge/Length (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
SmoothShot without side hole	NA-401D-1321	115	21 G/13	2.0	BF	4/Box
	NA-401D-1521	115	21 G/15	2.0	BF	4/Box



- Unique stainless steel sheath protects the biopsy channel during insertion

	Catalog #	Working Length (cm)	Needle Gauge/Length (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
SmoothShot with side hole	NA-411D-1321	115	21 G/13	2.0	BF	4/Box
	NA-411D-1521	115	21 G/15	2.0	BF	4/Box



- Unique stainless steel sheath protects the biopsy channel during insertion
- Side port for cell collection from both the side and tip of the needle

	Catalog #	Working Length (cm)	Needle Length Total (mm)	Needle Length Outer Needle (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
SmoothShot Double-needle design	NA-601D-1519	115	18	15	2.0	BF	4/Box



- Outer Needle: 19G; Inner Needle: 21G
- Unique stainless steel sheath protects the biopsy channel during insertion
- Double-needle design

SINGLE USE

RESPIRATORY

Guide Sheath Kit

Catalog #	Diameter	Description	Package Units
K-201	2.0 mm	Contains Guide Sheath, Biopsy Forceps, Cytology Brush, ET Stopper, US Stopper	1 Set/Box
K-202	2.6 mm	Contains Guide Sheath, Biopsy Forceps, ET Stopper, US Stopper	1 Set/Box
K-203	2.0 mm	Contains Guide Sheath, Biopsy Forceps, Cytology Brush, ET Stopper, US Stopper	1 Set/Box
K-204	2.6 mm	Contains Guide Sheath, Biopsy Forceps, ET Stopper, US Stopper	1 Set/Box

Guide Sheath Kit



Guide Sheath



Biopsy Forceps



Cytology Brush



- Guide Sheath Kit method for sampling is a cost effective and minimally invasive procedure that provides significant samples.
- When used with the ultrasound probe, physicians can confirm the location of the lesion, and therefore ensure that the sample is being obtained directly from the target site.
- Securing the Guide Sheath at the target site allows physicians to repeatedly take biopsy and cytology samples without spending additional time to relocate the target site.
- The Guide Sheath Kit is a less invasive, more efficient and reliable method for sampling lesions in the periphery.

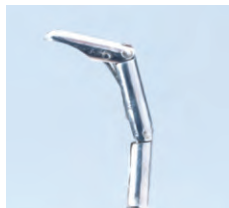
Model Name	Specifications	K-201	K-202	K-203	K-204
Guide Sheath					
	Max. outer diameter	1.95 mm	1.95 mm	2.55 mm	2.55 mm
	Working length	1050 mm	1050 mm	1050 mm	1050 mm
Biopsy Forceps					
	Max. outer diameter	1.5 mm	1.5 mm	1.9 mm	1.9 mm
	Working length	1150 mm			
	Cup configuration	Standard, fenestrated			
Cytology Brush					
	Max. outer diameter	1.4 mm	1.4 mm	1.8 mm	1.8 mm
	Working length	1150 mm			
	Brush diameter	2.0 mm			
	Brush length	10 mm			
	ET Stopper	3 pcs (white)	3 pcs (white)	3 pcs (2 pcs gray/ 1 pc white)	3 pcs (2 pcs gray/ 1 pc white)
	US Stopper	1 pc (white)	1 pc (white)	1 pc (gray)	1 pc (gray)
	Compatible Channel Diameter	2.0 mm	2.0 mm	2.6 mm	2.6 mm

SINGLE USE

RESPIRATORY

Guide Sheath Kit: Optional

	Catalog #	Working Length (cm)	Minimum Channel Size (mm)	Package Units
Guiding Device (Optional)	CC-6DR-1	115	2.0	1/Box



- Reusable sheath
- Double-joint type, rotatable
- Compatible with K-201, K-202, K-203, K-204

	Catalog #	Working Length (cm)	Total Length (cm)	Minimum Channel Size (mm)	Insertion Portion Outer Diameter (mm)	Compatible Guide Sheath	Package Units
Ultrasonic Probe (Optional)	UM-S20-17S	215	222.5	2.0	1.4 distal end: 1085 1.7 connector side	K-201, K-202	1/Box
	UM-S20-20R	205	214.0	2.2	1.7 distal end: 850 2.0 connector side	K-203, K-204	1/Box
	UM-S30-20R	205	214.0	2.2	1.7 distal end: 850 2.0 connector side	K-203, K-204	1/Box



- Scanning mode: B-mode
- Scanning method: mechanical radial scanning
- Ultrasonic frequency: 20 MHz (UM-S30-20R only)

SINGLE USE

RESPIRATORY

Biopsy Forceps

	Catalog #	Working Length (cm)	Cup Opening (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Standard Fenestrated	FB-19C-1	105	4.0	2.0	BF	1/Box

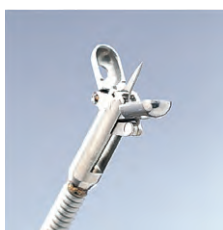


- Provides large sample

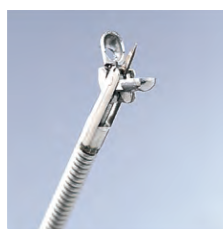
	Catalog #	Working Length (cm)	Cup Opening (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Standard Fenestrated, Rotatable	FB-19CR-1	105	4.0	2.0	BF	1/Box



	Catalog #	Working Length (cm)	Cup Opening (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Fenestrated Elongated with Needle	FB-22C-1	105	5.0	2.6	BF	1/Box



	Catalog #	Working Length (cm)	Cup Opening (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Standard Fenestrated with Needle	FB-34C-1	105	4.4	2.0	BF	1/Box



REUSABLE
RESPIRATORY

Biopsy Forceps

	Catalog #	Working Length (cm)	Cup Opening (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Rat Tooth Elongated Cup	FB-56D-1	115	7.3	1.2	BF, CHF	1/Box



- Rat tooth elongated cup

	Catalog #	Working Length (cm)	Cup Opening (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Fenestrated Elongated	FB-20C-1	105	5.0	2.6	BF	1/Box
	FB-21C-1	105	5.4	2.0	BF	1/Box
	FB-35C-1	105	7.3	2.8	BF	1/Box



- Fenestrated elongated cup

	Catalog #	Working Length (cm)	Cup Opening (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Fenestrated Alligator Jaw	FB-36C-1	105	7.3	2.8	BF	1/Box



- Fenestrated alligator jaw

	Catalog #	Working Length (cm)	Cup Opening (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Alligator Jaw	FB-15C-1	105	5.5	2.0	BF	1/Box



- Alligator jaw

REUSABLE

RESPIRATORY

Biopsy Forceps

	Catalog #	Working Length (cm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Fenestrated Rat Tooth Alligator Jaw, Elongated Cup	FB-52C-1	105	2.0	BF	1/Box



- Swing jaw for targeting of biopsy sites
- Fenestrated cup
- Rat tooth design

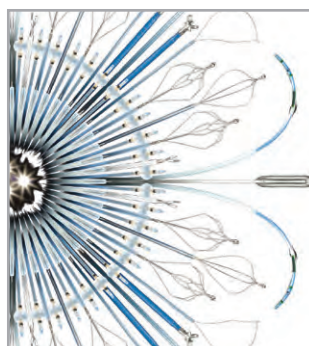
	Catalog #	Working Length (cm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Fenestrated Rat Tooth Alligator Jaw, Elongated Cup with Needle, Rotatable	FB-55CR-1	105	2.8	BF	1/Box



- Swing jaw for targeting of biopsy sites
- Fenestrated cup
- Rat tooth design minimizes slippage during biopsy
- Elongated cup with needle
- Rotatable

REUSABLE

RESPIRATORY



FACTOID

The average person takes approximately 25,000 breaths a day.

Injection Needles

	Catalog #	Working Length (cm)	Needle Gauge/Length (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
6 Disposable Needles with Autoclavable Sheath	NM-8L-1	165	23 G/4	2.0	BF, GIF	6/Box
	NM-9L-1	165	23 G/6	2.0	BF, GIF	6/Box



Disposable needles

- Disposable needle and autoclavable stainless steel coil



Reusable sheath



Cytology Currettes

	Catalog #	Working Length (cm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Double Joint, Rotatable	CC-4CR-1	105	2.0	BF	1/Box



- Distal end is rotatable to facilitate optimal targeting

	Catalog #	Working Length (cm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Single Joint, Rotatable	CC-5CR-1	105	2.0	BF	1/Box



- Distal end is rotatable to facilitate optimal targeting

REUSABLE

RESPIRATORY

Aspiration Biopsy Needles

	Catalog #	Working Length (cm)	Needle Gauge/Length (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
6 Disposable Needles with Autoclavable Sheath	NA-1C-1	105	21 G/13	2.0	BF	6/Box
	NA-2C-1	105	21 G/13	2.0	BF	6/Box



Disposable needles



STERILE

Reusable sheath



- Unique stainless steel sheath protects the biopsy channel during insertion and allows for accurate positioning

	Catalog #	Description	Package Units
Replacement Autoclavable Sheath	MAJ-064	Aspiration needle sheath	1/Box



- Compatible with NA-1C-1, NA-2C-1

Bronchial Cannula

	Catalog #	Working Length (cm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Standard Beveled Tip	PR-2B-1.A	95	2.0	BF	2/Box



32GW

REUSABLE

RESPIRATORY

Electrosurgical Accessories

Catalog #	Working Length (cm)	Cup Opening (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
FD-6C-1.B	105	5.0	2.6	BF	1/Box
FD-7C-1.B	105	4.0	2.0	BF	1/Box

Hot Biopsy Forceps



Includes 1 main body (SD Handle and Active Cord not included.)



- Allows efficient collection of tissue with large cups by using high-frequency cauterization
- Monopolar device

Catalog #	Description	Package Units
MH-264	SD handle	1/Box
MH-969	Active cord for Olympus ES Units (except UES-30)	1/Box
MAJ-860	Active cord for Olympus UES-30, Valley Lab, Bovie, ERBE, ConMed, Burdick SU-7 and Neo Med EMS units	1/Box

Replacement Parts for Reusable Hot Biopsy Forceps



SD handle



Active Cord



REUSABLE

RESPIRATORY

Coagulation Electrodes

Catalog #	Working Length (cm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
CD-6C-1.B	105	2.0	BF	1/Box



Includes 1 main body



- Enables cauterization and control of bleeding
- Monopolar device

Electrosurgical Knife

	Catalog #	Working Length (cm)	Knife Length (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Spatula	KD-31C-1.B	105	5.0	2.0	BF	2/Box



Includes 2 main bodies (SD Handle and Active Cord not included.)



- Enables tissue resection in narrow lumen conditions
- Provides cauterization capability by placing the side of the blade on the site
- Monopolar device

	Catalog #	Description	Package Units
Replacement Parts for Electro-surgical Knife	MH-264	SD handle	1/Box
	MH-969	Active cord for Olympus ES Units (except UES-30)	1/Box
	MAJ-860	Active cord for Olympus UES-30, Valley Lab, Bovie, ERBE, ConMed, Burdick SU-7 and Neo Med EMS units	1/Box



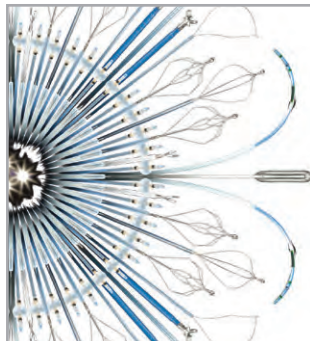
SD Handle



Active Cord

REUSABLE

RESPIRATORY



FACTOID

Each lung is between 10 and 12 inches long.

Snares

Catalog #	Working Length (cm)	Loop Diameter (mm)	Wire Diameter (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
SD-7C-1.B	105	23	0.30	2.0	BF	2/Box
SD-18C-1.B	105	13	0.30	2.0	BF	2/Box

Crescent Snare



Includes 2 wires and 2 tubes (SD handle and Active cord not included.)



- Allows for removal of large sections of tissue
- Loop size reduced for use in the bronchi
- Monopolar device

Catalog #	Description	Package Units
MAJ-557	SD-7C-1 Wire	1/Box
MH-264	SD handle	1/Box
MH-969	Active cord for Olympus ES Units (except UES-30)	1/Box
MAJ-860	Active cord for Olympus UES-30, Valley Lab, Bovie, ERBE, ConMed, Burdick SU-7 and Neo Med EMS units	1/Box

Parts for Crescent Polypectomy Snares



SD handle



Active Cord

REUSABLE

RESPIRATORY

Grasping Forceps

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
V Shape For Foreign Bodies	FG-25C-1	105	13.0	2.6	BF	1/Box



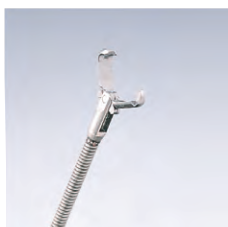
- Secure grasping during operation and fine tissue manipulation
- Ideal for retrieval of foreign bodies such as coins

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Rubber Tip (non-latex) For Foreign Bodies	FG-20P-1	190	4.8	2.0	BF, GIF, JF, TJF	1/Box



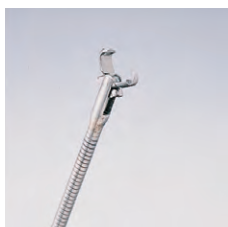
- Ideal for retrieval of foreign bodies such as pins, needles, nails, blades, etc.

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Shark Tooth	FG-32C-1	105	4.7	2.8	BF	1/Box



- Larger jaw and rat tooth design
- Ideal for retrieval of foreign objects such as coins

	Catalog #	Working Length (cm)	Opening Width (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Rat Tooth	FG-26C-1	105	3.5	2.6	BF	1/Box



- Rat tooth design ideal for retrieval of foreign bodies such as soft objects
- Provides secure grasping during operation and fine tissue manipulation
- Especially useful in narrow cavities

REUSABLE

RESPIRATORY

OLYMPUS

EndoTherapy®



ELECTROSURGICAL GENERATORS

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ELECTROSURGICAL GENERATORS



ELECTROSURGICAL GENERATORS

ELECTROSURGICAL GENERATORS

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ESG-100 and AFU-100 Systems

Catalog #	Description	Package Units
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ESG-100 System and AFU-100 System



ESG-AFU-100 System	Contains ESG-100, AFU-100, footswitch, tubing, active cord	1 Set/Box
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ESG-AFU-100 System comes packaged with:

ESG-100	Electrosurgical generator
AFU-100	Peristaltic water pump
WB950243	ESG-100 combination footswitch
MH-969	Active cord
WB950241	ESG/AFU connection cable
WB920137	Pump tubing 3.2 mm (ID)

Catalog #	Description	Package Units
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Replacement Parts for ESG-100 & AFU-100



Water Bottle Holder

WB950243	ESG-100 combination footswitch	1/Box
WB950242	AFU-100 footswitch	1/Box
WB950241	ESG/AFU connection cable	1/Box
MAJ-814	Patient cord for disposable patient plate	1/Box
MAJ-855	Auxiliary water tube	1/Box
MH-969	Active cord	1/Box
WB920137	Pump tubing 3.2 mm ID, 50 cm (sterile, single use)	15/Box
WB920138	Pump tubing 4.8 mm ID, 50 cm (sterile, single use)	15/Box
WB950300	AFU-100 water bottle holder	1/Box

REUSABLE

ELECTROSURGICAL GENERATORS

ESG-100 Electrosurgical Generator

Catalog #	Description	Package Units
-----------	-------------	---------------

ESG-100 Electrosurgical Generator



ESG-100

Contains unit, footswitch, active cord (MH-969)

1 Set/Box

ESG-100 comes packaged with:

WB950243 ESG-100 combination footswitch
MH-969 Active cord

- Rapid Spark Technology for immediate spark ignition and optimized cutting procedures in various tissue structures
- Versatile coagulation technology for fast and effective tissue desiccation
- Five monopolar cutting modes and three monopolar coagulation modes
- Three bipolar cutting modes and three bipolar coagulation modes

ESG -100 Technical Information

Olympus ESG-100	Specifications
High Frequency	330-380 kHz
Type, Protection Class	CF, Class 1
Power Supply	100-120V, 50/60 Hz, 400 VA
Size (W x D x H)	295 x 375 x 115 mm (11.6 x 14.7 x 4.5 in.)
Weight, without footswitch	6.5 kg (14.3 lbs.)
Monopolar Output	
Sockets	Ø 6 mm A-cord
Single/split neutral electrode	10 mm 2-pins
Cut 1/2/3	120W @ 500 Ohms
PulseCut slow/fast	120W @ 500 Ohms
SoftCoag	120W @ 100 Ohms
ForcedCoag 1	50W @ 500 Ohms
ForcedCoag 2	120W @ 500 Ohms
Bipolar Output	
Sockets	28.8 mm 2-pins and Ø 4/8 mm coaxial
Cut 1/2/3	120W @ 500 Ohms
SoftCoag	120W @ 100 Ohms
RFCoag incl. RCAP	40W @ 100 Ohms

NOTE: Please see the ESG-100 Settings Guide in the Reference section on pages 166-167.

AFU-100 Peristaltic Water Pump

Catalog #	Description	Package Units
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AFU-100 Water Pump



AFU-100	Contains unit, footswitch, connection cable, disposable tubing	1 Set/Box
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AFU-100 comes packaged with:

WB950242	AFU-100 footswitch
WB950241	Connection cable
WB920137	Pump tubing 3.2 mm (ID)

- Adjustable flow rate up to 600 ml/min.
- 3 pre-programmable settings
- Complete compatibility with ESG-100 Electrosurgical Generator

Catalog #	Description	Package Units
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AFU-100 Water Bottle Holder



WB950300	AFU-100 water bottle holder	1/Box
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AFU-100 Technical Information

Olympus AFU-100	Specifications
Flow Rate	10-270 ml/min. (Pump Tube ID 3.2 mm) 20-600 ml/min. (Pump Tube ID 4.8 mm)
Pump Head	4 Rollers, detachable
Type, Protection Class	CF, Class 1
Power Supply	100–240 V, 50/60 Hz, 40 VA
Size (W x D x H), including pump head	295 x 430 x 115 mm (11.6 x 16.9 x 4.5 in.)
Weight, without footswitch	5.6 kg (12.3 lbs.)

NOTE: Please see the AFU-100 Installation Guide in the Reference section on pages 166-167.

REUSABLE

ELECTROSURGICAL GENERATORS

PSD-30 Replacement Parts


	Catalog #	Description	Package Units
Replacement Parts for PSD-30 Electrosurgical Unit	MAJ-811	Footswitch	1/Box
	MAJ-812	P-adapter	1/Box
	MAJ-813	S-cord	1/Box
	MAJ-814	Patient cord for disposable patient plate	1/Box
	MAJ-1051	Fuse (for 100V-120V version)	1/Box
	MH-969	Active cord for Olympus ES units	1/Box



REUSABLE

ELECTROSURGICAL
GENERATORS

Heat Probes Accessories

	Catalog #	Description	Working Length (cm)	Package Units
Accessories for HPU-20 HeatProbe Unit 	CD-110U	HeatProbe - 3.7 mm channel	230	1/Box
	CD-120U	HeatProbe - 2.8 mm channel	230	1/Box
	CD-120Z/SO	HeatProbe - 2.8 mm channel (SIF-100 & SIF-Q140)	300	1/Box *
	MAJ-526	Autoclavable water bottle		1/Box
	MAJ-527	Autoclavable roller pump		1/Box
	MAJ-528	Footswitch with cable (not autoclavable)		1/Box

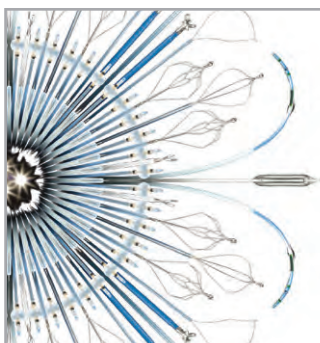
*Special order item



REUSABLE

ELECTROSURGICAL GENERATORS

NOTES:

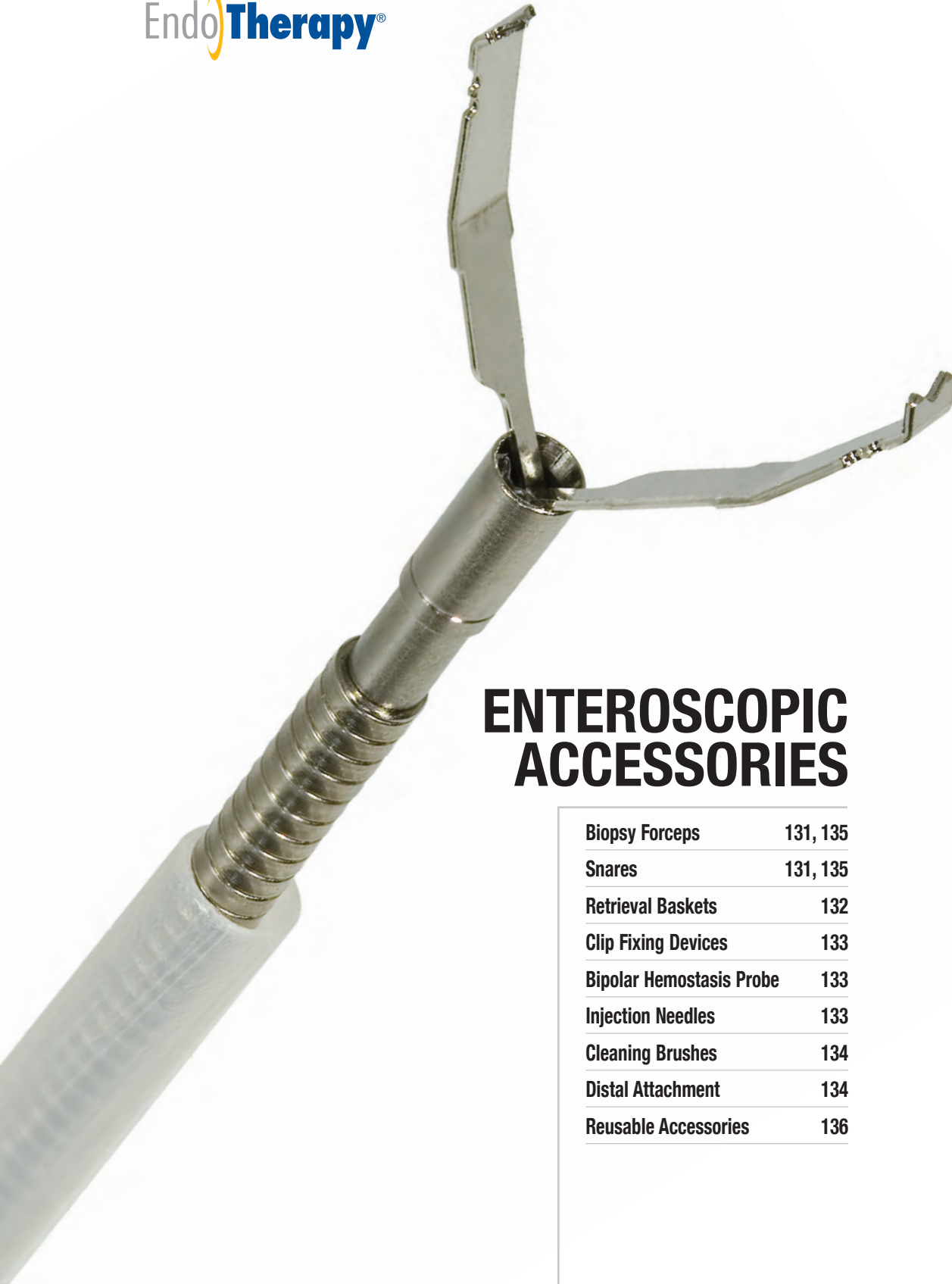


FACTOID

The stomach's wall is lined with three layers of powerful muscles.

OLYMPUS

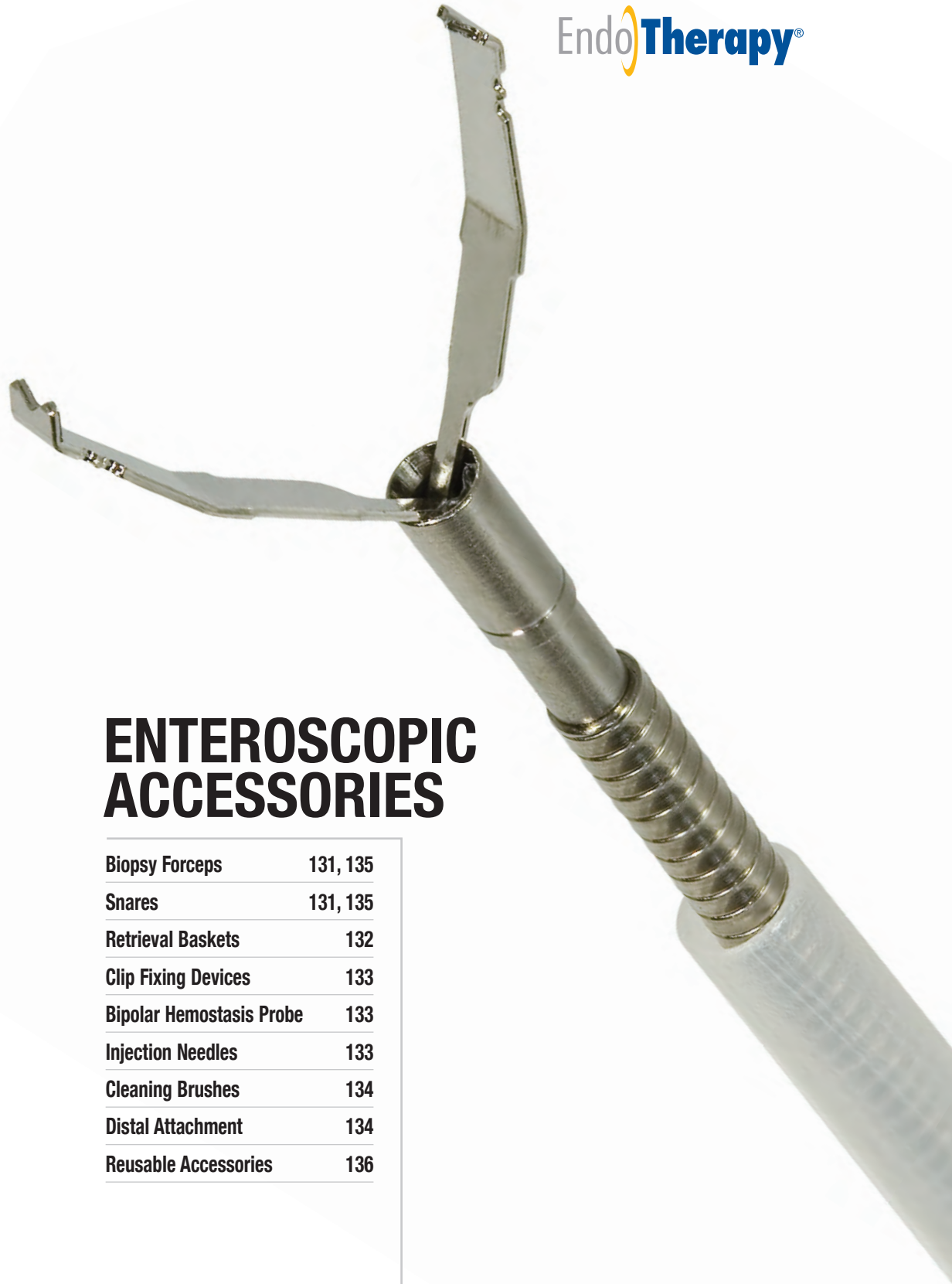
EndoTherapy®



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ENTEROSCOPIC
ACCESSORIES



ENTEROSCOPIC ACCESSORIES

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SIF-Q180 Accessories

	Catalog #	Working Length (cm)	Minimum Channel Size (mm)	Description	Package Units
Sampling	FB-210U.A	230	2.8	Alligator jaw with needle	20/Box
	FB-220U.A	230	2.8	Alligator jaw without needle	20/Box
	FB-230U.A	230	2.8	Standard oval without needle	20/Box
	FB-240U.A	230	2.8	Standard oval with needle	20/Box



Biopsy Forceps



- Specially designed to minimize damage to the endoscope
- Stainless steel construction
- Compatible with SIF-Q180 only

	Catalog #	Working Length (cm)	Minimum Channel Size (mm)	Description	Package Units
Polypectomy	FD-210U	230	2.8	Alligator jaw	5/Box
	FD-230U	230	2.8	Standard oval	5/Box



Hot Biopsy Forceps



- Specially designed to minimize damage to the endoscope
- Stainless steel construction
- Compatible with SIF-Q180 only

	Catalog #	Working Length (cm)	Minimum Channel Size (mm)	Description	Package Units
Polypectomy	SD-221U-25	230	2.8	Oval snare	10/Box



Electrosurgical Snare

Active cord not included.



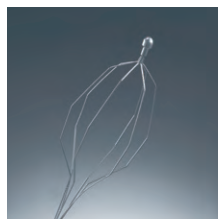
- 25 mm loop opening width
- Crescent shape
- Compatible with SIF-Q180 only

SINGLE USE

ENTEROSCOPIC ACCESSORIES

SIF-Q180 Accessories

	Catalog #	Working Length (cm)	Minimum Channel Size (mm)	Description	Package Units
Foreign Body Retrieval	FG-460YR	270	2.8	Six-wire basket	1/Box



Retrieval Basket



- Specially designed for foreign body removal inside the small intestine

SINGLE USE

ENTEROSCOPIC
ACCESSORIES

SIF-Q180 Accessories

Catalog #	Working Length (cm)	Minimum Channel Size (mm)	Description	Package Units
HX-201YR-135.B	270	2.8	9 mm, opening width, rotatable	5/Box



Clip Fixing Device



- Compatible with SIF-Q180 only

Catalog #	Working Length (cm)	Plug Type	Minimum Channel Size (mm)	Compatible Scopes	Package Units
CD-B610LA	350	Single	3.7	GIF, CF, SIF	1/Box
CD-B612LA	350	Dual	3.7	GIF, CF, SIF	1/Box
CD-B620LA	350	Single	2.8	GIF, CF, SIF	1/Box
CD-B622LA	350	Dual	2.8	GIF, CF, SIF	1/Box



BiCOAG



- Two plug types for any bipolar generator
- Maximum length for use with any endoscope



Coaxial Connector



Fixed Pin Connector

Catalog #	Working Length (mm)	Needle Gauge/Length (mm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
NM-400Y-0423	270	23 G/4	2.8	CF, SIF	5/Box



Injection Needle



SINGLE USE

ENTEROSCOPIC ACCESSORIES

SIF-Q180 Accessories

	Catalog #	Working Length (cm)	Minimum Channel Size (mm)	Description	Package Units
Other Accessories	BW-412T	220	2.8	Combination brush	50/Box



Cleaning Brushes



- Facilitates maximum cleaning performance
- Combination brush has both channel cleaning and channel opening brushes on the same sheath
- Strong kink-resistant sheath

	Catalog #	Working Length (cm)	Minimum Channel Size (mm)	Description	Package Units
Other Accessories	BW-201T.A	220	2.8	Channel cleaning brush	50/Box
	BW-201T.B	220	2.8	Channel cleaning brush and channel-opening cleaning brush	50/Box



Cleaning Brushes



Set A contains 50 channel cleaning brushes

Set B contains 50 channel cleaning brushes and 50 channel-opening cleaning brushes

Check for availability.

- Facilitates maximum cleaning performance

	Catalog #	Length from Distal End of Scope (mm)	Maximum Outer Diameter (mm)	Type of Attachment	Package Units
Other Accessories	D-201-10704	4.0	11.35	Soft cap, straight type	12/Box



Distal Attachment



- Compatible with SIF-Q180 only

SINGLE USE

ENTEROSCOPIC ACCESSORIES

SIF-Q180 Accessories

	Catalog #	Working Length (cm)	Cup Opening Size (mm)	Minimum Channel Size (mm)	Package Units
Sampling	FB-28Y-1	270	4.8	2.8	1/Box
	FB-28Z-1	300	4.8	2.8	1/Box



Biopsy Forceps



- Standard oval forceps without needle
- Designed to minimize tissue damage
- Provides large sample
- Fenestrated

	Catalog #	Working Length (cm)	Minimum Channel Size (mm)	Description	Package Units
Polypectomy	FD-1Z-1/SO	300	2.8	Hot biopsy forceps main body only	1/Box



Hot Biopsy Forceps

*Special order item. Handle needs to be purchased separately (MH-264)



	Catalog #	Working Length (cm)	Loop Diameter (mm)	Minimum Channel Size (mm)	Description	Package Units
Polypectomy	SD-310Z-25	300	25	2.8	Oval snare includes 1 oval snare, 1 snare tube, 1 SD handle, 1 active cord	1/Box
	SD-9Z-1/SO	300	25	2.8	Oval snare includes 1 wire and 1 tube	1/Box*



Electrosurgical Snare

*Special order item. Handle needs to be purchased separately (MH-264)

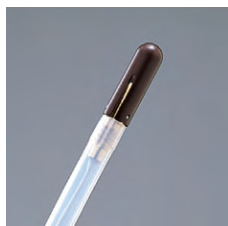


REUSABLE

ENTEROSCOPIC ACCESSORIES

SIF-Q180 Accessories

	Catalog #	Working Length (cm)	Minimum Channel Size (mm)	Description	Package Units
Hemostasis	CD-120Z/SO	300	2.8	1 Heat probe for HPU-20	1/Box*

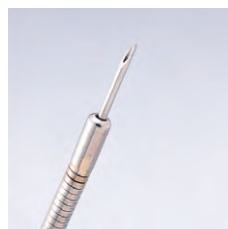


Heat Probe

*Special order item



	Catalog #	Working Length (cm)	Minimum Channel Size (mm)	Description	Package Units
Hemostasis	NM-4Z-1/SO	300	2.8	Injection Needle, 6 disposable needles with reusable autoclavable sheath, 23 G/4 mm	6/Box*



Injection Needle

*Special order item



	Catalog #	Working Length (cm)	Minimum Channel Size (mm)	Description	Package Units
Other Accessories	PW-1V-1.A	240	2.8	Standard type for routine washing	2/Box
	PW-5V-1	240	2.8	Spray type for staining	1/Box



Washing Pipe/Spray Catheters



	Catalog #	Working Length (cm)	Minimum Channel Size (mm)	Description	Package Units
Other Accessories	BW-9Y	285	2.8	Channel cleaning brush	1/Box



Cleaning Brushes



- 6 mm brush diameter
- 8 mm brush length

Note: SIF-Q180 is compatible with most U-length devices; however, the above referenced are best suited to enteroscopy procedures.

REUSABLE

ENTEROSCOPIC ACCESSORIES

OLYMPUS

EndoTherapy®



GI ACCESSORIES & OTHER PRODUCTS

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GI ACCESSORIES &
OTHER PRODUCTS



GI ACCESSORIES & OTHER PRODUCTS

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Combination Cleaning Brushes

Catalog #	Working Length (cm)	Compatible Scopes	Compatible Channel Diameter (mm)	Package Units
BW-411B	95	BF	2.0-3.2	50/Box
BW-412T	220	GIF, CF	2.0-4.2	50/Box



- Facilitates maximum cleaning performance
- Combination brush has both channel cleaning and channel opening brushes on the same sheath
- Strong kink-resistant brush

Catalog #	Description	Package Units
MAJ-1339	Channel-opening brush	50/Box

Channel-Opening Cleaning Brush



- Channel-opening brush to clean air/water, suction and biopsy valves

Single-Ended Cleaning Brushes

Catalog #	Working Length (cm)	Brush Length/ Outer Diameter (mm)	Compatible Channel Diameter (mm)	Package Units
BW-201B.A	95	8.0/6.0	2.0-3.2	50/Box
BW-201B.B	95	8.0/6.0	2.0-3.2	50/Box
BW-201T.A	220	8.0/6.0	2.0-4.2	50/Box
BW-201T.B	220	8.0/6.0	2.0-4.2	50/Box

Cleaning Brushes



A set contains 50 channel cleaning brushes
 B set contains 50 channel cleaning brushes and 50 channel-opening cleaning brushes

Check for availability.

- Facilitates maximum cleaning performance
- Compatible with Olympus scope channel

Cleaning Brushes

Catalog #	Working Length (cm)	Compatible Scopes	Compatible Channel Diameter (mm)	Package Units
BW-400B	95	BF	1.0-1.5	10/Box
BW-400L	165	GIF	1.0-1.5	10/Box*
BW-400V	240	CHF	1.0-1.5	10/Box

Cleaning Brushes





*Compatible with ultrasound gastroscopes (balloon suction channel)



- Smaller diameter brushes to clean instrument and balloon suction channels





SINGLE USE
GI ACCESSORIES & OTHER PRODUCTS




Single-Use Endoscopic Mouthpiece

	Catalog #	Description	Package Units
Mouthpiece	MAJ-1632	60 Fr. Adult endoscopic biteblock	50/Box
	 Check for availability.	<ul style="list-style-type: none"> • True 60 Fr. aperture to accommodate 60 Fr. dilators • Flexible side holes • Latex-free strap that can be adjusted on both sides 	

	Catalog #	Description	Package Units
Mouthpiece	MAJ-168	Adult endoscopic mouthpiece	50/Box
	 Check for availability.	<ul style="list-style-type: none"> • Technical design assures Olympus scope compatibility and maneuverability • Shaped to prevent discomfort related to pinching and shifting • Silicone rubber retaining strap included • Oval-shaped aperture 20 mm (H) x 27 mm (W) • Latex-free strap that can be adjusted on both sides 	

	Catalog #	Description	Package Units
Mouthpiece	710104	Adult endoscopic mouthpiece	75/Box
	 Check for availability.	<ul style="list-style-type: none"> • Sturdy inner-core construction • Strap adjustments on both sides • Oval-shaped aperture 20 mm (H) x 26 mm (W) • Latex-free strap that can be adjusted on both sides 	

Single-Use Biopsy Valve

	Catalog #	Description	Package Units
Biopsy Valve	MAJ-1555	Single-use biopsy valves	20/Box
	  Check for availability.	<ul style="list-style-type: none"> • Valve locks on scope • Improved design helps to prevent leakage • Eliminates potential for cross contamination 	

SINGLE USE GI ACCESSORIES & OTHER PRODUCTS

Polyp Traps

Catalog #	Description	Package Units
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Suction Polyp Trap

H334

4-chamber design

12/Box



- Clear plastic construction allows for visual verification of polyp collection
- 4-chamber indexing system permits accurate identification and localization of each polyp
- Easy in-line installation

Catalog #	Description	Package Units
-----------	-------------	---------------

QuickCatch

H332

Single-chamber design

50/Box



- Clear plastic construction allows for visual verification of polyp collection
- Unique flat surface design provides easy gripping and handling
- Easy in-line installation

SINGLE USE

GI ACCESSORIES & OTHER PRODUCTS

Distal Attachments

Catalog #	Maximum Outer Diameter (mm)	Length from distal end of scope (mm)	Type of Attachment	Package Units
D-201-10704	11.35	4.0	soft, straight	10/Box
D-201-11304	11.80	4.0	soft, straight	10/Box
D-201-11804	12.40	4.0	soft, straight	10/Box
D-201-12704	13.40	4.0	soft, straight	10/Box
D-201-14304	15.00	4.0	soft, straight	10/Box
D-201-15004	15.70	4.0	soft, straight	10/Box
D-201-16403	16.70	3.0	soft, straight	10/Box

Distal Attachments



- Maintains suitable depth of endoscopic field of view
- Side hole to allow fluid drainage in order to maintain clear endoscopic view. Side hole diameter is 3 mm.

Distal Attachment Endoscope Compatibility Chart

	D-201-10704	D-201-11304	D-201-11804	D-201-12704	D-201-14304	D-201-15004	D-201-16403
GIF-N180	NONE AVAILABLE						
GIF-Q180	NONE AVAILABLE						
GIF-H180/J	-	-	X	-	-	-	-
CF-Q180AL/AI	-	-	-	-	X	-	-
CF-H180AL/AI	-	-	-	-	-	X	-
PCF-Q180AL/AI	-	-	-	X	-	-	-
PCF-H180AL/AI	-	-	-	X	-	-	-
GIF-160	NONE AVAILABLE						
GIF-Q160	-	X	-	-	-	-	-
GIF-1TQ160	-	-	-	X	-	-	-
GIF-XTQ160	-	-	-	-	X	-	-
GIF-2T160	-	-	-	-	X	-	-
CF-Q160L/I	-	-	-	-	X	-	-
CF-Q160AL/AI	-	-	-	-	X	-	-
CF-Q160DL/I	-	-	-	-	-	X	-
CF-Q160ZI	-	-	-	-	-	-	X
CF-2T160L/I	-	-	-	-	-	X	-
PCF-160AL/AI	-	-	-	X	-	-	-
SIF-Q180	X	-	-	-	-	-	-

SINGLE USE GI ACCESSORIES & OTHER PRODUCTS

Autoclavable Cleaning Brushes

Catalog #	Brush Length (cm)	Working Outer Diameter (mm)	Compatible Scopes	Package Units
BW-1B	95	9.5/2.4	BF	1/Box
BW-2J	145	12.5/4.0	GIF	1/Box
BW-2T	220	12.5/4.0	GIF, CF	1/Box
BW-7B	95	5.0/2.4	BF	1/Box*
BW-7L	165	5.0/2.4	GIF	1/Box*
BW-7V	240	5.0/2.4	CHF-BP30	1/Box*
BW-9Y	285	8.0/6.0	SIF-100	1/Box
BW-15B	95	5.0/6.0	BF	1/Box
BW-15SH	20	5.0/6.0	Suction	1/Box
BW-16C	105	0.6	EUS	1/Box
BW-17K	155	12.0/9.0	GIF	1/Box
BW-18V	240	4.0/5.5	CHF-B20	1/Box
BW-20T	220	8.0/6.0	GIF, CF, PCF, JF, TJF	1/Box

Cleaning Brush



- Compatible with Olympus scope channel

* Check for availability

Channel-Opening Cleaning Brushes

Catalog #	Description	Package Units
MH-507	Channel-opening cleaning brush	1/Box

Channel-Opening Cleaning Brush



REUSABLE

GI ACCESSORIES & OTHER PRODUCTS

Spray Catheters

	Catalog #	Working Length (cm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Standard Type	PW-2L-1.A	165	2.0	GIF	2/Box
	PW-1L-1.A	165	2.8	GIF	2/Box
	PW-1V-1.A	240	2.8	GIF, CF, PCF, JF, TJF	2/Box



- Suitable for routine washing

	Catalog #	Working Length (cm)	Minimum Channel Size (mm)	Spray Angle	Compatible Scopes	Package Units
Spray Type	PW-6P-1	190	2.0	70°	BF, GIF, JF, TJF, CF, PCF	1/Box
	PW-5L-1	165	2.8	70°	BF, GIF	1/Box
	PW-5V-1	240	2.8	70°	CF, PCF, JF, TJF	1/Box
	PW-6C-1.B	105	2.0		BF	1/Box*



- Suitable for dye spraying

*Injection valve (MAJ-929) to spray fine mist of anesthetic not included.

Catalog #	Description	Package Units
MAJ-929	Injection valve for PW-6C-1.B	1/Box

REUSABLE

GI ACCESSORIES & OTHER PRODUCTS

Surgical Scissors

	Catalog #	Working Length (cm)	Minimum Channel Size (mm)	Compatible Scopes	Package Units
Surgical Scissors	FS-3L-1	165	2.8	GIF	1/Box



- Used to endoscopically incise tissue
- Not indicated to cut sutures

Electrosurgical Adapters

	Catalog #	Description	Package Units
Active Cord	58412	Plastic base for all electrosurgical adapters (58431-36)	1/Box
	58431	Bovie, Burdick SU-7, Neo Med, Valley Lab and EMS	1/Box
	58432	ACMI units	1/Box
	58433	Birtcher units	1/Box
	58434	Burdick #5U4	1/Box
	58435	Cameron Miller units	1/Box
	58436	ACMI Pneumotome and Martin El-Med units, banana plug	1/Box
	MH-969	Active cord for Olympus ES Units (except UES-30)	1/Box
	MAJ-860	Active cord for Olympus UES-30, Valley Lab, Bovie, ERBE, ConMed, Burdick SU-7 and Neo Med EMS units	1/Box



REUSABLE

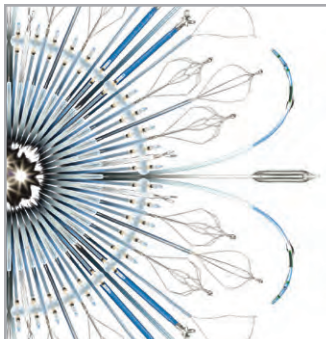
GI ACCESSORIES & OTHER PRODUCTS

Semi-Reusable Biopsy Valve

Catalog #	Description	Package Units
MB-358	Biopsy valve for EVIS 100/130/140/160/180/200/240 endoscope series	10/Box



REUSABLE



FACTOID

The liver is the only organ that can regenerate itself.

GI ACCESSORIES
& OTHER
PRODUCTS



The following information is provided to assist you with your purchase.

1. **Terms:** Net 30 Days/Interest 1.5% per month. American Express, Visa and MasterCard accepted. Leasing Arranged.
2. **F.O.B.** Shipping Point or origin
3. **Minimum Order:** \$100.00
4. **Shipping:** Orders received by 4:00pm EST will be shipped the same day for next day delivery. Upon-request, overnight express delivery is available. Shipping charges for overnight express delivery will be billed to the customer.
5. **Returns:** For those Olympus EndoTherapy products which are not covered by the limited warranty below, Olympus offers a 90-day guarantee. If for any reason during the 90-day period following EndoTherapy product delivery, the customer is not completely satisfied with an Olympus EndoTherapy product, such EndoTherapy product can be returned for a refund or exchange. All returns or exchanges require Olympus' prior authorization. This 90-day product guarantee is subject to change at Olympus' discretion and without further notice.
6. **Limited Warranty:** For those items of capital equipment, including endoscopes and generators, Olympus America Inc. ("Olympus") warrants that the enclosed Olympus products (individually a "Product" and collectively the "Products") will conform to current Olympus-published specifications and will be free from defects in materials and workmanship under normal use and service for a period of one (1) year from the date of invoice. (See Annex A below for certain Product warranty periods and terms, which augment and/or differ from the foregoing standard one-year limited warranty.) If any Product proves to be non-conforming or defective within such warranty periods, the customer must return such Product to Olympus. Olympus, at its sole discretion, will repair or replace the non-conforming or defective Product, provided that Olympus investigation and factory inspection disclose that (a) such non-conformity or defect developed under normal and proper use and (b) the Product is covered under this limited warranty. Repair or replacement of non-conforming or defective Products shall be Olympus' sole obligation and the customer's exclusive remedy hereunder. The customer is liable and shall pay for shipment of the Products to and from the authorized Olympus service facility. Olympus shall not be obligated to perform preventive maintenance, installation, deinstallation, relocation, or maintenance. Olympus reserves the right to (i) use reconditioned, refurbished, and/or serviceable used parts (that meet Olympus' quality assurance standards) for warranty or any other repairs and (ii) make any internal or external design and/or feature changes on or to its products without any liability to incorporate such changes on or to the Products. The use of reconditioned, refurbished, or serviceable used parts may include, without limitation, replacing or exchanging major components of the Products such as a control unit or light guide tube.

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- (b) any Product which has been disassembled, repaired, tampered with, altered, changed, or modified by persons other than Olympus' own authorized service personnel unless repair by others is made with the written consent of Olympus;
- (c) defects or damage to the Products resulting from wear, tear, misuse, abuse, negligence, impact, improper storage, non-performance of scheduled operator and maintenance items, or use of non-OLYMPUS brand accessories, consumables, or supplies, or non-approved reprocessing methods;
- (d) software programs;
- (e) supplies and consumables (including but not limited to lamps and cables);
- (f) testing or certification of the Products' leakage current;
- (g) thermal head printers;
- (h) Products which do not contain a validly placed and recorded Olympus serial number; and/or
- (i) any other exclusions applicable to those Products listed and as described on Annex A.

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This limited warranty is the complete and exclusive statement of warranty which Olympus agrees to provide with respect to the Products and it shall supersede all prior and contemporaneous oral or written agreements, understandings, proposals, and communications pertaining to the subject matter hereof.

This limited warranty is exclusively for the benefit of the original Olympus customer (who has purchased the Products directly from Olympus or from an expressly authorized Olympus distributor) and cannot be transferred or assigned.

Annex A

- Laparoscopic hand instruments are warranted for a period of 90 days from the date of invoice.
- Olympus's Goldtip endoscope products, listed immediately below by model number, will be warranted against damage caused exclusively by autoclave sterilization for a period of five (5) years from the date of invoice. Olympus's Goldtip endoscope products are:

A1931A, A1932A, A1933A, A1934A, A1935A, A2021A, A2023A, A2027A, A2030A, A2031A, A2032A, A2033A, A2034A, A2035A, A20917A, A20918A, A20919A, A22001A, A22002A, A22003A, A22004A, A22005A, A2940A, A2941A, A2942A, A2943A, A2944A, A2946A, A2948A, A2949A, A3336A, A37025A, A37026A, A37027A, A3725A, A3726A, A3764A, A3765A, A4629A, A46700A, A4672A, A4673A, A4674A, A4675A, A4676A, A4677A, A4801A, A4803A, A4805A, A4884A, A4885A, A4941A, A4943A, A50372A, A50373A, A50374A, A52000A, A52001A, A5281A, A5282A, A5290A, A5291A, A5292A, A5294A, A5295A, A5296A, A5297A, A5298A, A5299A, A5372A, A5373A, A5374A, A70940A, A70941A, A70942A, A70960A, A70961A, A70962A, A70963A, A7500A, A7501A, A7504A, A7505A, A7506A, A7507A, A7594A, A7595A, A7597A, WA02943A, WA02944A, WA02946A, WA50295L, WA50296L, WA50372B, WA50373B, WA50374B.

In addition to the exclusions set forth in the main text of the limited warranty statement, excluded from this special five-year warranty are those of Olympus's Goldtip endoscope products which: (a) have been sterilized by a method other than steam autoclave or EtO gas sterilization; and/or (b) have experienced any kind of accelerated cooling methods after steam sterilization.

- Lifetime warranty against thermal damage for the ceramic beak of the Olympus products listed immediately below by model number:

Hysteroscopy: A4741, A4725, A42011A.

Urology: A22040A, A22040T, A22041A, A22041T, A22042A, A22042T, A22043A, A22043T, A2601, A2602, A2603, A2611, A2612, A2613, A2614, A2615, 2611(T), A2612(T), A2613(T), A2614(T), A2615(T), A2641, A2642, A2643, A2641(T), A2642(T), A2643(T), A2660, A2660(T), A2666, A2666(T).

In addition to the exclusions set forth in the main text of the limited warranty statement, this special lifetime warranty does not cover damage other than thermal damage and/or use of the aforementioned hysteroscopy and urology products in conjunction with non-Olympus equipment (including but not limited to electrodes).

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58433	145	B-V443Q-A	11	D-201-11804	142
58434	145	B-V443Q-B	11	D-201-12704	142
58435	145	BW-15B	143	D-201-14304	142
58436	145	BW-15SH	143	D-201-15004	142
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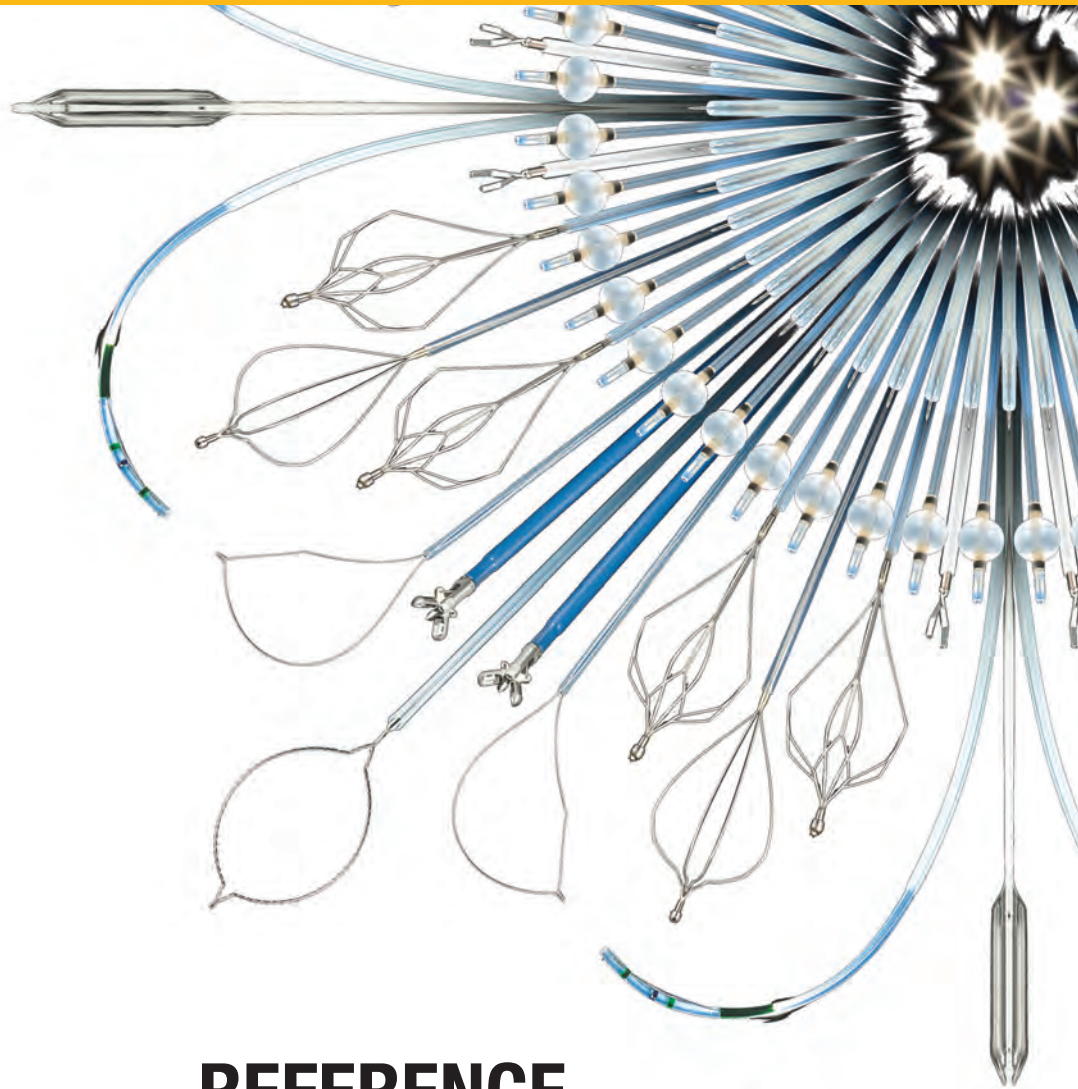
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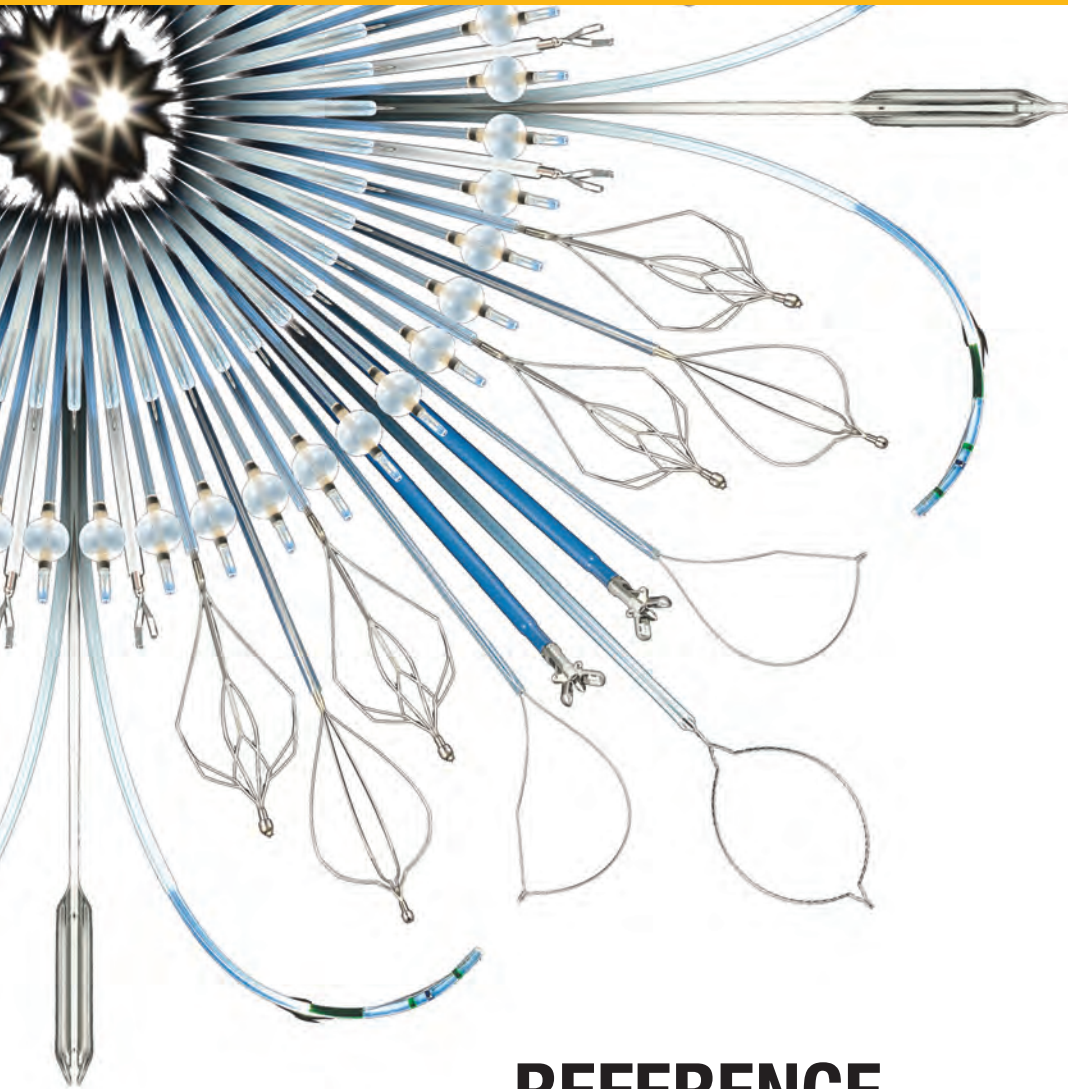
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EMR Kit Summary Table

EMR Specifications and Compatible Scopes

Kit Model	Maximum Cap Outer Diameter (mm)	Compatible Endoscopes
K-001	13.9	GIF-XV10, PV10, XQ20, XQ30, XQ40, 100, 130, 140, XQ140, Q160, H180, H180J
K-002	14.9	GIF-V10, Q20, Q30, Q40, 1T20, 1T30, Q140, 1T130, 1T140
K-003	16.1	GIF-XV10, PV10, XQ20, XQ30, XQ40, 100, 130, 140, XQ140, Q160, H180, H180J
K-004	16.1	GIF-V10, Q20, Q30, Q40, 1T20, 1T30, Q140, 1T130, 1T140
K-005	18.0	GIF-160
K-006	18.0	GIF-Q165, Q180
K-007	18.0	GIF-V, V70, 100, 130, XQ140, XQ30, XQ40
K-008	18.0	GIF-V2, G110, 140, Q160, H180, H180J
K-009	18.0	GIF-Q140, Q30, Q40, 1T130, 1T140
K-011	12.9	GIF-PQ20, P140, 160, Q165, Q180
K-012	16.1	GIF-PQ20, P140, 160, Q165, Q180

Distal Attachment Summary Table

Distal Attachment Scope Compatibility

Scope Model	D-201-10704	D-201-11304	D-201-11804	D-201-12704	D-201-14304	D-201-15004	D-201-16403
GIF-N180	NONE AVAILABLE						
GIF-Q180	NONE AVAILABLE						
GIF-H180/J	-	-	X	-	-	-	-
CF-Q180AL/AI	-	-	-	-	X	-	-
CF-H180AL/AI	-	-	-	-	-	X	-
PCF-Q180AL/AI	-	-	-	X	-	-	-
PCF-H180AL/AI	-	-	-	X	-	-	-
GIF-160	NONE AVAILABLE						
GIF-Q160	-	X	-	-	-	-	-
GIF-1TQ160	-	-	-	X	-	-	-
GIF-XTQ160	-	-	-	-	X	-	-
GIF-2T160	-	-	-	-	X	-	-
CF-Q160L/I	-	-	-	-	X	-	-
CF-Q160AL/AI	-	-	-	-	X	-	-
CF-Q160DL/I	-	-	-	-	-	X	-
CF-Q160ZI	-	-	-	-	-	-	X
CF-2T160L/I	-	-	-	-	-	X	-
PCF-160AL/AI	-	-	-	X	-	-	-
SIF-Q180	X	-	-	-	-	-	-

LithoCrushV Handle

In-Service Guide (MAJ-441)

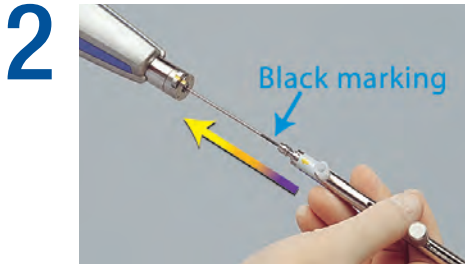
Mounting the BML handle onto the sheath is an easy four-step process.

WARNING: This guide is only a summary of the instructions for use for the BML-110A-1 Mechanical Lithotripter. Be sure to follow the Olympus EndoTherapy Mechanical Lithotripter BML-110A-1 instruction manual that was included with your BML-110A-1 Mechanical Lithotripter when purchased.

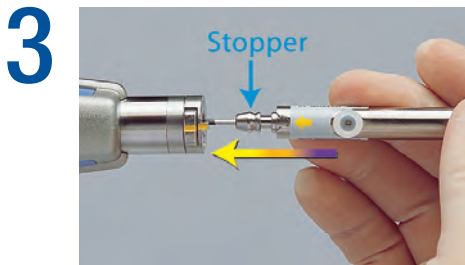
How to attach the basket sheath to the LithoCrushV handle:



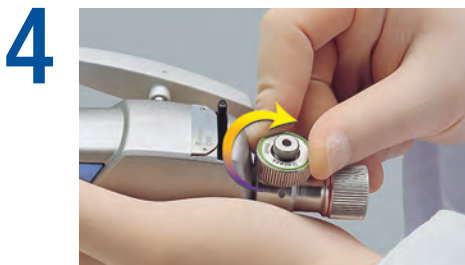
Turn the green screw on the MAJ-441 handle counterclockwise to unlock the release button for the wire joint. Then switch OFF the ratchet, and push the holder until it hits the end of the grip and the position of the holder is fixed.



Extend the basket wire pipe until the black marking is visible. Then, while holding the basket wire pipe, insert the wire joint of the instrument into the insertion hole and push it toward the holder until it stops. Gently tug the wire pipe to ensure it is locked by the release button.



Push the sheath's stopper toward the insertion hole until it stops and the arrow position of the sheath is matched to the yellow line of the MAJ-441 handle.



Turn the green screw clockwise to lock the release button for the wire joint.

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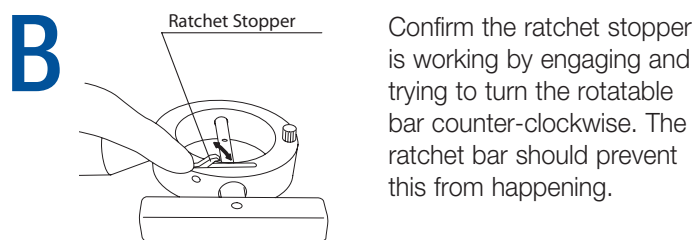
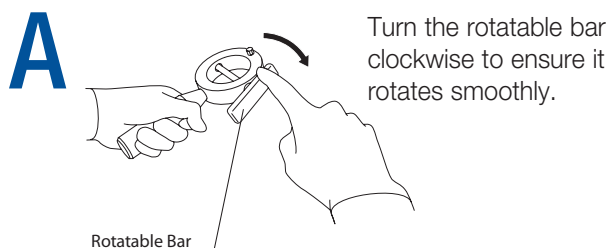
EndoTherapy®

Emergency Lithotripter Handle In-Service Guide (BML-110A-1)

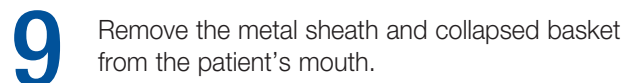
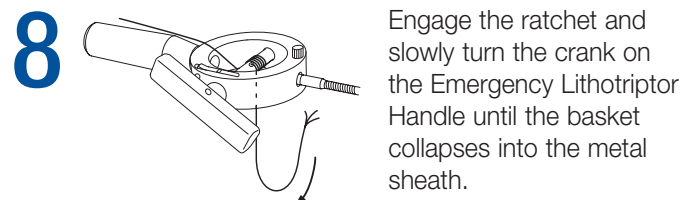
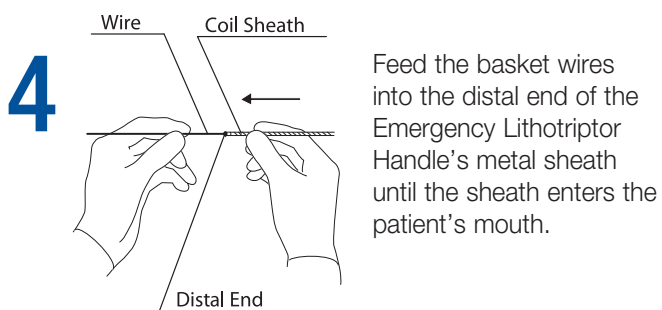
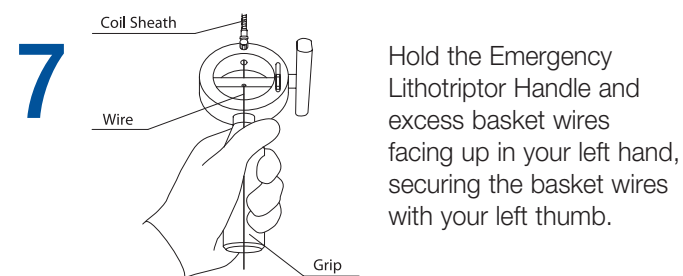
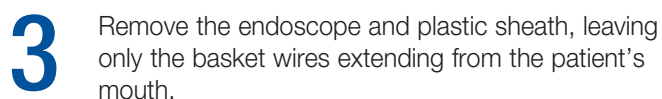
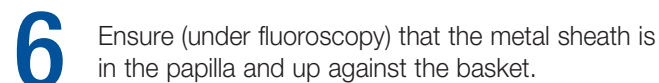
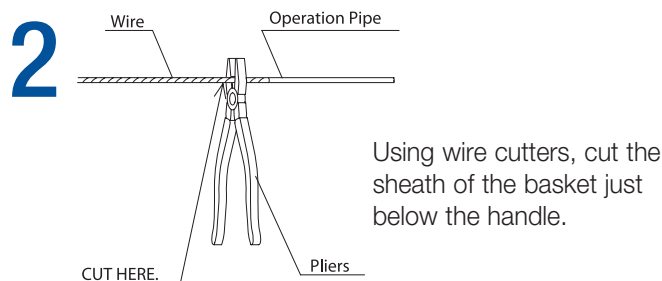
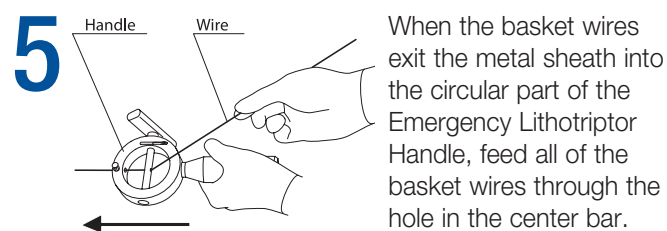
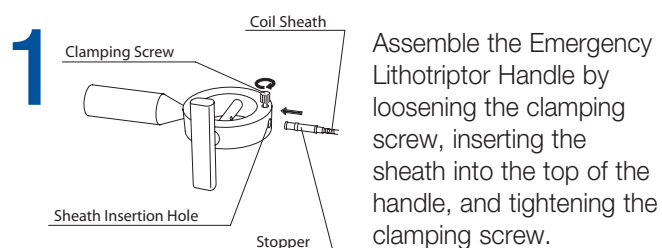
The Emergency Lithotripter Handle is used in the event of basket impaction.

WARNING: This guide is only a summary of the instructions for use for the BML-110A-1 Mechanical Lithotripter. Be sure to follow the Olympus EndoTherapy Mechanical Lithotripter BML-110A-1 instruction manual that was included with your BML-110A-1 Mechanical Lithotripter when purchased.

Check the following before assembling the Emergency Lithotripter Handle:



If using a wire-guided basket, withdraw the guidewire:



MaxPass Dilation Balloon

In-Service Guide (B-400N series)

The MaxPass Dilation Balloon is designed to dilate strictures of the biliary tree and the major duodenal papilla.

WARNING: This guide is only a summary of the instructions for use for the B-400N series MaxPass. Be sure to follow the Olympus EndoTherapy MaxPass B-400N series instruction manual that was included with your B-400N series purchase.

Preparation before using the MaxPass Dilation Balloon:

1



Fill inflator half way (10 mL) with contrast. Make sure the OFF knob of the stopcock is in the 3 o'clock position.

4



Remove air from the balloon. (*Part two*)

- Turn the inflator—with pressure gauge up—so any aspirated air rises to the TOP of the inflator.
- Turn the OFF knob of the stopcock to 12 o'clock position. You will hear the air being released. (*See image.*)

2



Remove air from the inflator. This is similar to removing air from a syringe.

- Turn the inflator—with pressure gauge up—so any aspirated air rises to the TOP of the inflator. (*See image.*)
- Push the plunger until a steady stream of contrast comes out of the stopcock.

5



Push the plunger up to remove any additional air. Continue to push until a steady stream of contrast comes out of the stopcock.

3



Remove air from the balloon. (*Part one*)

- Connect the balloon catheter to the stopcock and turn the inflator upside down, with palm grip up. (*See image.*)
- Pull the plunger all the way up and lock it in place.

6



Return the OFF knob of the stopcock to the 3 o'clock position. You are now ready to use the MaxPass Dilation Balloon.

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MaxPass Dilation Balloon


In-Service Guide (B-400N series)

The MaxPass Dilation Balloon is designed to dilate strictures of the biliary tree and the major duodenal papilla.

WARNING: This guide is only a summary of the instructions for use for the B-400N series MaxPass. Be sure to follow the Olympus EndoTherapy MaxPass B-400N series instruction manual that was included with your B-400N series purchase.


To INFLATE the MaxPass Dilation Balloon:

7 Hold the inflator with the handle locking mechanism facing upward.

8  Push the plunger in as far as you can. Lock the plunger in place by rotating the lock to the left.

9 Turn the plunger handle clockwise until you have reached the desired atm pressure on the gauge. Maximum pressure for the MaxPass is 12 atm.

To DEFLATE the MaxPass Dilation Balloon:

10  Unlock the inflator handle while pulling back on the plunger handle.

11 When the plunger is pulled all the way back, lock the handle in place.

QuickClip2 Clip Fixing Device

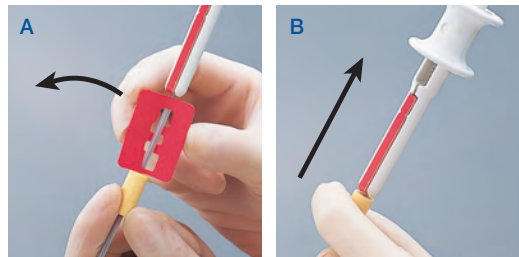
In-Service Guide (HX-201LR/UR-135/L, HX-201YR-135)

The QuickClip2 has been designed for endoscopic clip placement within the gastrointestinal tract.

WARNING: This guide is only a summary of the instructions for use for the HX-201LR/UR-135/L, HX-201YR-135 QuickClip2. Be sure to follow the Olympus EndoTherapy QuickClip2 HX-201LR/UR-135/L, HX-201YR-135 instruction manual that was included with your HX-201LR/UR-135/L, HX-201YR-135 purchase.

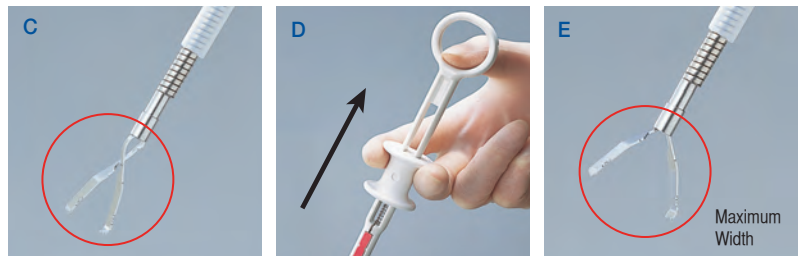
Preparation before using QuickClip2:

- 1 Remove the device from the package and insert it through the endoscope working channel. Once the device extends from the distal end of the endoscope, remove the red stopper. (See image A.) Pull the yellow cylinder towards the handle until it stops to extend the clip from the sheath. (See image B.)

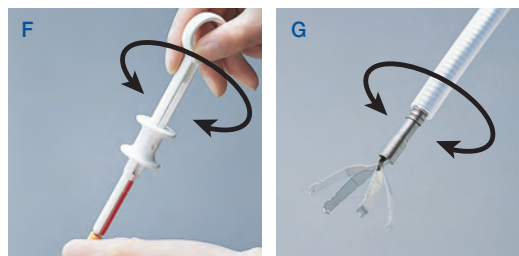


Instructions for using QuickClip2:

- 2 **PRIME**
Open the clip to its maximum width. Watch the clip arms on the video monitor and feel the slider as you gently pull back a very short distance towards the thumb ring. (See images C and D.) The X will disappear as the clip arms open to their maximum width. (See image E.) **When the clip arms are open to their maximum width, do not pull any farther as this will cause the clip to close.**



- 3 **POSITION**
Approach the target site. Rotate the clip to align with the target site—hold the yellow cylinder with one hand and turn the handle with the other hand. (See images F and G.) When in proper position, remove your hand from the yellow stopper.



- 4 **POP**
Press the clip firmly against the target tissue. (See image H.) While pressing, deploy the clip by pulling the slider towards the thumb ring. (See image I.) You will feel and hear a noticeable pop. Push the slider forward to release the clip. (See image J.)



NOTE Do not perform MRI procedures on patients who have had clips placed in their gastrointestinal tracts. This could be harmful to the patient. Limited studies indicate that the hemoclips remain in place an average of 9.4 days; rebleeding may occur if the clips detach within 24 hours.

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REFERENCE

TO PLACE AN ORDER 162 800-848-9024

QuickClip2 Clip Fixing Device

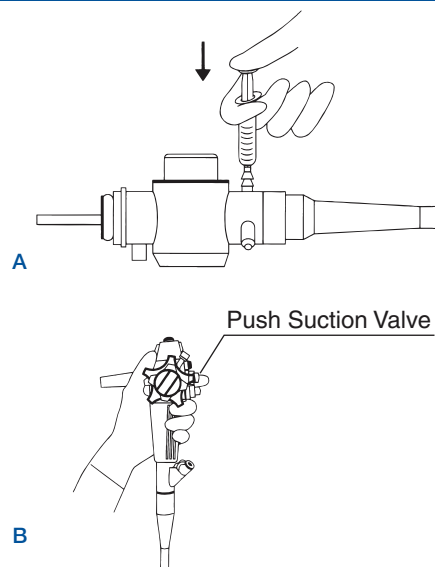
In-Service Guide (HX-201LR/UR-135/L, HX-201YR-135)

The QuickClip2 has been designed for endoscopic clip placement within the gastrointestinal tract.

WARNING: This guide is only a summary of the instructions for use for the HX-201LR/UR-135/L, HX-201YR-135 QuickClip2. Be sure to follow the Olympus EndoTherapy QuickClip2 HX-201LR/UR-135/L, HX-201YR-135 instruction manual that was included with your HX-201LR/UR-135/L, HX-201YR-135 purchase.

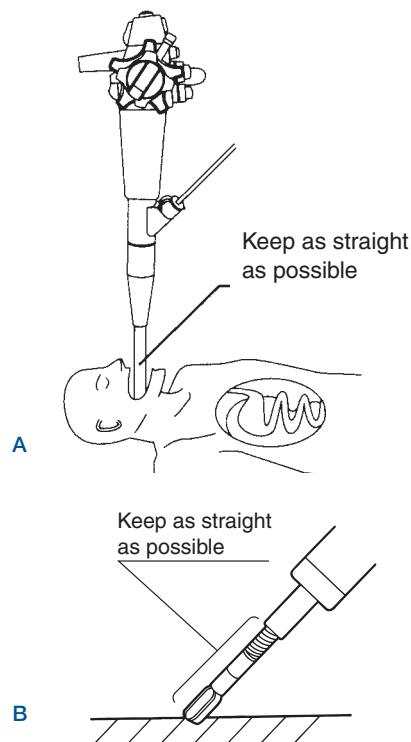
Removing the clip if it is aspirated into the endoscope:

- 1 Withdraw the endoscope from the body cavity, keeping the insertion portion and bending section straight. Leave the biopsy valve mounted on the endoscope.
- 2 Remove the suction tube and connect a syringe filled with tap water to the endoscope's suction connector. (See image A.)
- 3 While gently depressing the suction valve, inject the tap water into the suction connector. After injection, keep the suction valve gently depressed. (See image B.)
- 4 Irrigation will discharge the clip from the endoscope. If one injection is not enough to discharge the clip, repeat steps (2) and (3) until the clip is discharged.



Emergency treatment if the clip cannot be detached from the distal end of the coil sheath after clipping:

- 1 Straighten the portion of the endoscope that extends from the patient, the insertion portion of the QuickClip2 that extends from the biopsy valve, and the coil sheath that extends from the distal end of the endoscope. (See images A and B.)
- 2 Push the slider towards the yellow tube joint to release the clip.
- 3 If the clip cannot be detached from the instrument, cut the coil sheath, tube sheath, and operating wire just below the yellow tube joint using pliers and/or a wire cutter.
- 4 Withdraw the endoscope from the patient.
- 5 Leave the clip in place until tissue necrosis occurs and the clip is free. This may take some time.
- 6 If too much force is required to withdraw the endoscope, carry out open surgery or other treatment.



PolyLoop Ligating Device

In-Service Guide (HX-400U-30)

The PolyLoop delivers a nylon loop snare designed to prevent or control bleeding following polypectomy of pedunculated polyps.

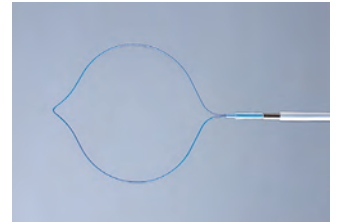
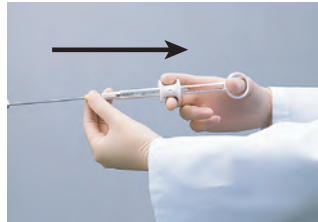
WARNING: This guide is only a summary of the instructions for use for the HX-400U-30 PolyLoop. Be sure to follow the Olympus EndoTherapy PolyLoop HX-400U-30 instruction manual that was included with your HX-400U-30 purchase.

Preparation before using PolyLoop Ligating Device:

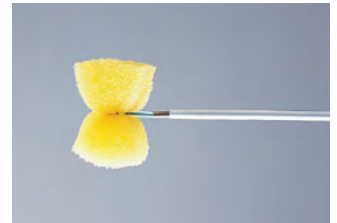
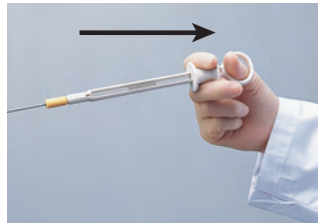
- 1 Remove the plastic retainer from the PolyLoop and extend the plastic sheath until the PolyLoop is fully covered. Insert the PolyLoop through the working channel of the endoscope.

Instructions for using PolyLoop Ligating Device:

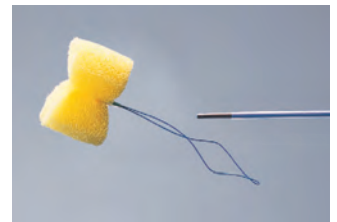
- 2 Once in place, pull the yellow cylinder proximally until it stops to extend the PolyLoop from the plastic sheath. Remove fingers from the yellow cylinder.



- 3 Position the PolyLoop over the polyp at the base of the stalk, approximately 1-2 mm above the mucosa. Pull the slider towards the thumb ring to ligate the tissue. Look at the screen and feel the resistance in your hand to ensure you do not transect the polyp stalk. **Caution: Do not apply unnecessary force to the loop when ligating tissue during the procedure.**



- 4 With the yellow cylinder still touching the handle, push the slider to release the PolyLoop.



NOTE If the PolyLoop gets stuck in the tube/coil sheath, use the Loop Cutter FS-5L/Q/U-1 to cut the PolyLoop and to detach it from the device.

Refer to instructions on page 165 for more details.



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PolyLoop Ligating Device

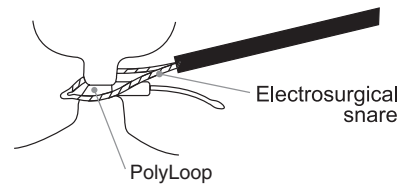
In-Service Guide (HX-400U-30)

The PolyLoop delivers a nylon loop snare designed to prevent or control bleeding following polypectomy of pedunculated polyps.

WARNING: This guide is only a summary of the instructions for use for the HX-400U-30 PolyLoop. Be sure to follow the Olympus EndoTherapy PolyLoop HX-400U-30 instruction manual that was included with your HX-400U-30 purchase.

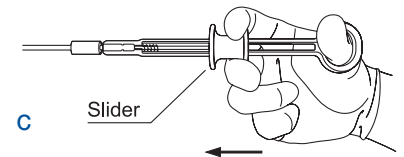
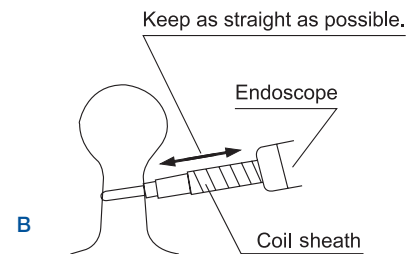
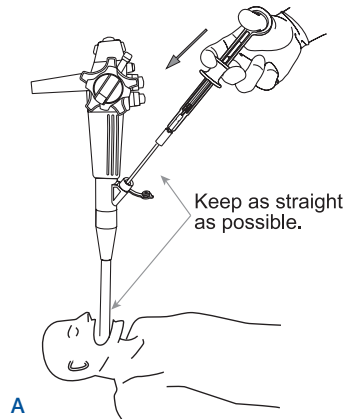
Using an Electrosurgical Snare:

- 1 Look at the polyp for signs of ligation (blanching at the stalk, engorging in the head).
- 2 Close the snare at least 2 mm above the PolyLoop on the stalk of the polyp. (See image at right.)

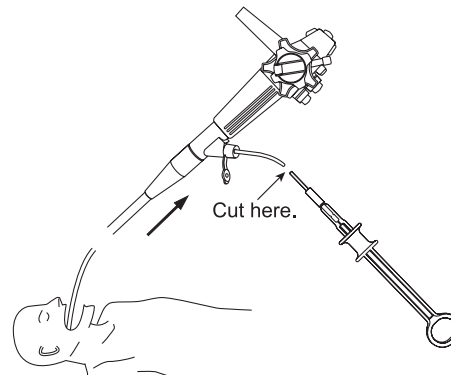


Releasing a Trapped PolyLoop Ligating Device:

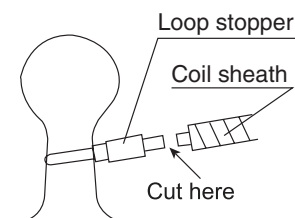
- 1
 - Straighten the endoscope and PolyLoop as much as possible. (See images A and B.)
 - Push the slider distally to extend the hook from the coil sheath. (See image C.)



- 2
 - Cut the sheath, coil, and operating wire near the yellow cylinder using pliers or a wire cutter. (See image at right.)
 - Withdraw the endoscope.



- 3
 - Insert the scope next to the sheath. Use the Loop Cutter to cut the PolyLoop between the stopper and the coil sheath. (See image at right.)
 - Remove the sheath from the patient.



ESG-100 Electrosurgery Generator In-Service Guide

Rapid Spark Technology, versatile coagulation, and monopolar and bipolar cutting modes provide a high level of effectiveness, safety, and flexibility.

WARNING: This guide is only a summary of the instructions for use of the ESG-100 Electrosurgery Generator. Be sure to reference the Olympus ESG-100 Electrosurgery Generator instruction manual that was included with your product purchase.

Monopolar Modes of the ESG-100

High Power Cut Support + Fast Spark Monitor

→ Automatic power regulation

Versatile Coagulation Technology

→ Adjustment of power settings according to the clinical situation

Pure cutting with no coagulation

Increasing coagulation effect →

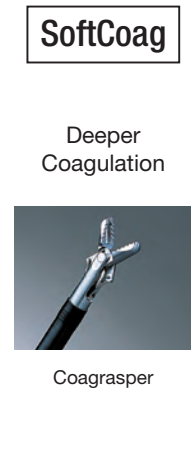
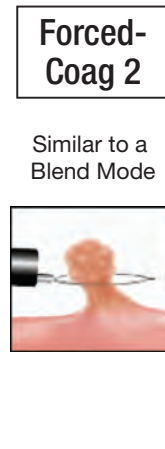
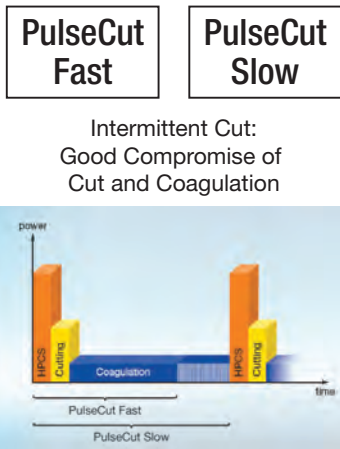
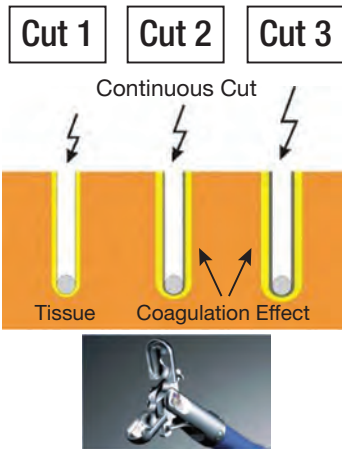
Decreasing ratio of cutting →

CUTTING WITH COAGULATION

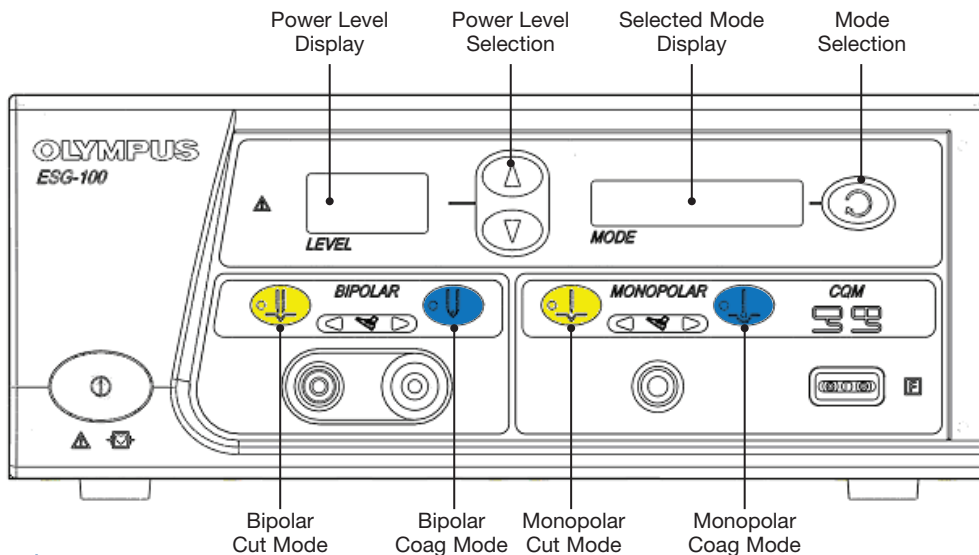
← Decreasing ratio of coagulation

Deep coagulation with no cutting

← Increasing cutting effect



Display Interface



Use the **yellow** footswitch pedal to activate the cut output. Use the **blue** footswitch pedal to activate the coag output.

ESG-100 Electrosurgery Generator

In-Service Guide

Rapid Spark Technology, versatile coagulation, and monopolar and bipolar cutting modes provide a high level of effectiveness, safety, and flexibility.

WARNING: This guide is only a summary of the instructions for use of the ESG-100 Electrosurgery Generator. Be sure to reference the Olympus ESG-100 Electrosurgery Generator instruction manual that was included with your product purchase.

Reference Settings		
Technique/Procedure	Excised Tissue Diameter	ESG-100 Reference Settings
Polypectomy (snare)	< 5 mm	ForcedCoag 2 Level ≤ 20
		Alternative Mode: PulseCut Slow Level 120
	5 mm – 10 mm	ForcedCoag 2 Level ≤ 20
		Alternative Mode: PulseCut Slow Level 120
	10 mm – 20 mm	ForcedCoag 2 Level 20 – 25
		Alternative Mode: PulseCut Slow Level 120
	20 mm – 30 mm	ForcedCoag 2 Level 20 – 30
		Alternative Mode: PulseCut Slow Level 120
30 mm – 40 mm	ForcedCoag 2 Level 30	
	Alternative Mode: PulseCut Slow Level 120	
Stalked Polyps, any diameter	ForcedCoag 2 Level 20 – 30	
	Alternative Mode: ForcedCoag 1 Level 20 – 30	
Hot Biopsy		ForcedCoag 2 Level 20
		Alternative Mode: Cut 2 Level 30
EMR (snare)		ForcedCoag 2 Level 30
		Alternative Mode: PulseCut Slow Level 120
Sphincterotomy		PulseCut Slow Level 120
		Alternative Mode: PulseCut Fast Level 120
Bipolar Probe		SoftCoag Level 30

Please be advised: The above settings are reference values only. Olympus is not responsible for any unforeseen incidents caused by these reference values. If necessary, modify the power levels gradually. It is the full responsibility of the user (physician) to select the appropriate modes and levels based on the instrument, the procedural application, and the desired effect.

Physician ESG-100 Settings						
	Physician	Application	Monopolar		Bipolar	
			Mode	Power Level	Mode	Power Level
1						
2						
3						
4						
5						
6						
EXAMPLE	Name	Polypectomy/Snare	PulseCut Slow	120		




Olympus Retrieval Devices

SINGLE USE

Retrieval Baskets

ERCP


**FlowerBasketV™
Rotatable**



FG-V421PR

■ ■


**FlowerBasketV™
Wireguided**



FG-V431P

■ ■


**TetraCatchV™
Rotatable**



FG-V432PR

■ ■ ■


**TetraCatchV™
Wireguided**



FG-V432P

■ ■ ■


**FlowerBasket™
w/Pin-Vise Handle**



FG-401Q

■ ■


4-Wire Basket



FG-33W

■


Stiff-Wire Basket



FG-402Q

■ ■ ■

Soft-Wire Basket




FG-403Q

■ ■ ■

PULMONARY


**3-Wire
Spiral Basket**



FG-52D

■ ■ ■ ■

**4-Wire
Spiral Basket**




FG-51D

■ ■ ■ ■

Grasping Forceps

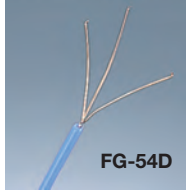
**Polygrab™
Tripod**



FG-600U

■ ■

3-Nail



FG-54D

■ ■

LEGEND

	INDICATION	PRODUCT
■	Polyps	FG-45L-1*, 46L-1*, 51D, 52D, 54D, 600U
■	Food bolus	FG-16L-1*, 51D, 52D, 54D, 600U
■	Seeds	FG-16L-1*, 51D, 52D
■	Round, slippery objects	FG-16L-1*, 22Q-1, 23Q-1
■	Small bones	FG-6L-1*
□	Flat objects, coins, dentures	FG-4L-1, 9L-1*, 32C-1
■	Sharp objects (nails, needles, blades, pins)	FG-20P-1*


*Device also available in colon length.

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EndoTherapy®

Olympus Retrieval Solutions for Any Situation

REUSABLE

Retrieval Baskets		Grasping Forceps			
4-Wire Basket w/3-Ring Handle  FG-16L-1 	Stiff-Wire Basket w/Pin-Vise Handle  FG-22Q-1 	Rat Tooth Alligator Jaw  FG-44NR-1 	Tripod  FG-45L-1 	Pentapod  FG-46L-1 	Shark Tooth  FG-32C-1 
Soft-Wire Basket w/Pin-Vise Handle  FG-23Q-1 	FlowerBasket™ w/Pin-Vise Handle  FG-301Q 	V-Shape  FG-4L-1 	Rubber Tip (non-latex)  FG-20P-1 	Alligator Jaw  FG-6L-1 	Rat Tooth Alligator Jaw  FG-42L-1 
		Rat Tooth  FG-9L-1 	Rat Tooth  FG-14P-1 	Rat Tooth  FG-26C-1 	Rat Tooth (long and wide)  FG-50L-1 

LEGEND

	INDICATION	PRODUCT
	Pulmonary foreign bodies	FG-26C-1, 51D, 52D, 54D
	Grasping tissue in 2-channel EMR, foreign bodies	FG-42L-1*, 50L-1
	Soft objects	FG-9L-1*, 14P-1, 26C-1
	CBD/PD Stones	FG-22Q-1, 23Q-1, 33W, 301Q, 401Q, 402Q, 403Q, V421PR, V431P, V432P, V432PR
	CBD/PD Stent removal	FG-22Q-1, 23Q-1, 44NR-1, 402Q, 403Q, V432P, V432PR
	CBD/PD Sludge	FG-301Q, 401Q, 402Q, 403Q, V421PR, V431P, V432P, V432PR

*Device also available in colon length.

Contact your sales representative for a free, full-size poster.
Ask for Item # OAIET1008PWC4853.

OLYMPUS
EndoTherapy®

Olympus 2.0 mm Channel Devices for Small Anatomy

UPPER ENDOSCOPY

Compatible devices for GIF-XP180N, GIF-N180

Biopsy Forceps



Alligator Jaw-Step
FB-211K.A



**Alligator Jaw-Step
with Needle**
FB-221K.A



Standard Oval
FB-231K.A



Standard Oval with Needle
FB-241K.A

Grasping Forceps



V-Shape
FG-4L-1



Rat Tooth
FG-14P-1



Rubber Tip
FB-231K.A

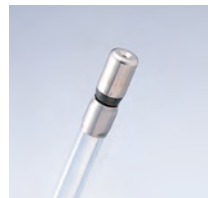


Four-Wire Basket
FG-17K-1.B

Spray Catheters



Standard Type
PW-2L-1.A



Spray Type
PW-6P-1

Injection Needles



Disposable Injection Needles

- NM-401L-0423
- NM-401L-0425
- NM-401L-0523
- NM-401L-0525
- NM-401L-0623
- NM-401L-0625

Grasping Forceps



Alligator Jaw
FG-6U-1



Rat Tooth
FG-8U-1



Tripod
FB-45U-1



Pentapod
FB-46U-1



Four-Wire Basket
FG-16U-1.B



Polygrab Tripod
FG-600U

GIF-XP180N SPECIFICATIONS

Optical System	Field of view	120°
	Direction of view	Forward viewing
	Depth of field	3 to 100 mm
Distal End	Outer diameter	5.5 mm
	Insertion Tube	Outer diameter
Bending Section	Angulation range	Up 210°, Down 90°, Right 100°, Left 100°
Working Length		1100 mm
Total Length		1420 mm
Instrument Channel	Inner diameter	2 mm
	Minimal visible distance	2 mm from the distal end
	Endotherapy accessory entrance/exit position in field of view	

Olympus 3.2 mm Channel Devices for Small Anatomy

LOWER ENDOSCOPY

Compatible devices for PCF-H180AL, PCF-Q180AL

Biopsy Forceps



Alligator Jaw-Step
FB-210U.A



**Alligator Jaw-Step
with Needle**
FB-220U.A



Standard Oval
FB-230U.A



**Standard Oval
with Needle**
FB-240U.A

Snares



Crescent
SD-221U-25



Oval
SD-210U-10
SD-210U-15
SD-210U-25



Spiral
SD-230-20



Soft Oval
SD-240U-10
SD-240U-15
SD-240U-25

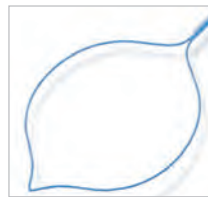
Clip Fixing Devices



QuickClip 2
HX-201UR-135.B



**QuickClip Long Loop
Ligating Device**
HX-201UR-135L.B



PolyLoop
HX-400U-30

Injection Needles

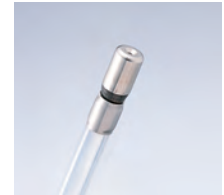


Disposable Injection Needles
NM-400U-0323 NM-400U-0525
NM-400U-0423 NM-400U-0623
NM-400U-0425 NM-400U-0625
NM-400U-0523

Spray Catheters



Standard Type
PW-1V-1.A



Spray Type
PW-5V-1

Hot Biopsy Forceps



Alligator Jaw-Step
FD-210U



Standard Oval
FD-230U

PCF-H180AL/I SPECIFICATIONS

Optical System	Field-of-view	140°
	Direction of view	Forward viewing
	Depth of field	2 to 100 mm
Distal End	Outer diameter	11.7 mm
Insertion Tube	Outer diameter	11.8 mm
Bending Section	Angulation range	Up 180°, Down 180°, Right 160°, Left 160°
Working Length		L: 1680 mm, I: 1330 mm
Total Length		L: 2005 mm, I: 1655 mm
Instrument Channel	Inner diameter	3.2 mm
	Minimum visible distance	3 mm from the distal end
	Endotherapy accessory entrance/exit position in field of view	

PCF-Q180AL/I SPECIFICATIONS

Optical System	Field of view	140°
	Direction of view	Forward viewing
	Depth of field	3 to 100 mm
Distal End	Outer diameter	11.3 mm
Insertion Tube	Outer diameter	11.5 mm
Bending Section	Angulation range	Up 180°, Down 180°, Right 160°, Left 160°
Working Length		L: 1680 mm, I: 1330 mm
Total Length		L: 2005 mm, I: 1655 mm
Instrument Channel	Inner diameter	3.2 mm
	Minimum visible distance	5 mm from the distal end
	Endotherapy accessory entrance/exit position in field of view	

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