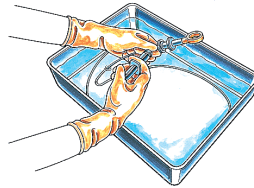
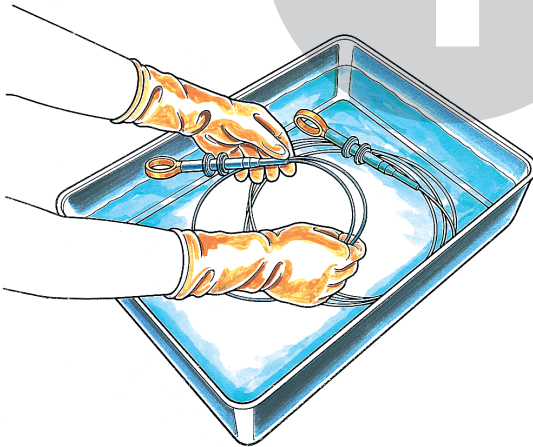


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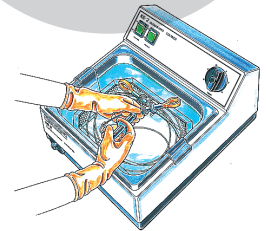
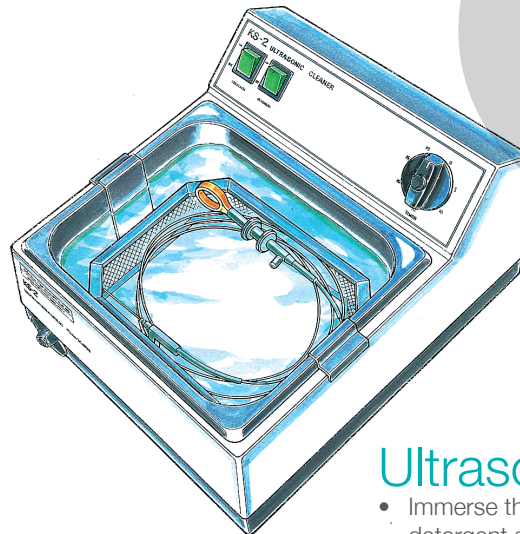
Immersion

- Immerse the instrument in the detergent solution immediately after use. Soak time can range from 5 minutes to 3 hours.
- Inject detergent solution (10ml) into the FLUSHING PORT (luer lock) once.



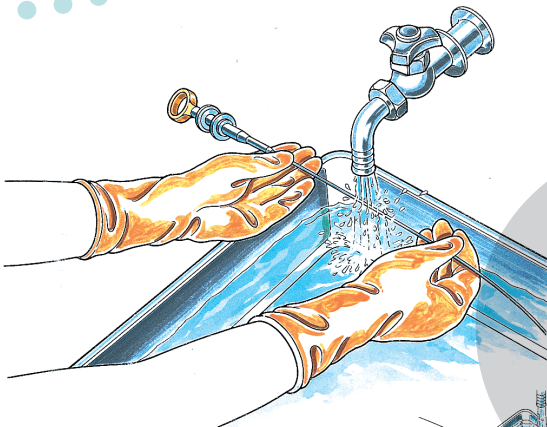
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Refined Reprocessing



Ultrasonic cleaning

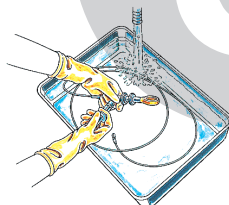
- Immerse the instrument in the detergent solution.
- Inject the detergent solution (10ml) into the FLUSHING PORT (luer lock) once.
- Clean ultrasonically for 30 minutes.



3

Rinsing

- Rinse the instrument under clean running water.
- Inject water (10ml) into the FLUSHING PORT (luer lock) twice.



Endo-therapy

Product code names and what they mean

Reusable Code

FB-25K-1

1 2 3 4

- 1 The first letter (s) in the code indicate (s) the Endo-Therapy accessory's model name.
- 2 The digit (s) in the middle indicate (s) the serial number of the Endo-Therapy accessory type.
- 3 The final letter in the code indicates the length of the insertion portion.
- 4 "-1" indicates the accessory compatible with Refined Reprocessing.

Single Use Code

FD-230 U

1 2 3 4

- 1 The first letter (s) in the code indicate (s) the Endo-Therapy accessory's model name.
- 2 Odd number indicates reusable and even number indicates disposable.
- 3 The digits in the middle indicate serial number.
- 4 The final letter in the code indicates the length of insertion portion.

B	Balloon Catheter
BC	Cytology Brush
BML	Mechanical Lithotripter
BW	Cleaning Brush
CC	Curette
CD	Heat Probe / Coagulation Electrode
D	Disposable Distal Attachment
FB	Biopsy Forceps
FD	Hot Biopsy Forceps
FG	Grasping Forceps / Retrieval Basket
FS	Loop Cutter / Surgical Scissors
G	Guidewire
HX	Clip Fixing Device / Ligating Device
K	EMR Kit / Guide Sheath Kit
KD	Sphincterotome / Diathermy Knife
NA	TBNA / FNA Aspiration Needle
NM	Injection Needle
PBD	ERCP Stent
PR	ERCP Cannula
PW	Spray Catheter / Washing Pipe
SD	Polypectomy Snare

Channel diameter compatibility
colors coded for Endo-Therapy accessories

Channel diameters Ø		Colour code	
1.2mm, 1.5mm			
1.7mm			
2.0mm, 2.2mm			
2.6mm			
2.8mm, 3.2mm			
3.7mm, 4.2mm, 6.0mm			
5.0mm, 5.5mm			

ST	500mm	H	1400mm	T	2200mm
SW	650mm	J	1450mm	U	2300mm
SX	700mm	K	1550mm	V	2400mm
A	850mm	L	1650mm	W	2500mm
B	950mm	M	1700mm	X	2600mm
C	1050mm	N	1800mm	Y	2700mm
D	1150mm	P	1900mm	Z	3000mm
E	1200mm	Q	1950mm	LA	3500mm
F	1250mm	R	2050mm	LB	4000mm
G	1300mm	S	2150mm	LD	5000mm

Biopsy Forceps

Grasping Forceps

Polypectomy

Endoscopic Mucosal
Resection, Endoscopic
Submucosal Dissection

Haemostasis

Biliary & Pancreatic
Procedures (ERCP)

Ultrasound Guided
Needle Aspiration
(EUS-FNA, EBUS-TBNA)

Respiratory Endoscopy

Energy & Heat Probe

Endoscopic Ancillaries

EndoJaw™

Single use biopsy
forceps with needle



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Biopsy Forceps

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Biopsy Forceps

Reusable oval cup with needle biopsy forceps



- Needle for improved anchorage
- Ellipsoid cups for deeper biopsies
- Fenestrated cups for larger biopsies
- Rotatable versions for accurate positioning



Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
FB-22C-1	1	2.6 mm	1050 mm	Rotatable	
FB-22CR-1	1	2.6 mm	1050 mm		
FB-24K-1	1	2.8 mm	1550 mm	Rotatable	
FB-24KR-1	1	2.8 mm	1550 mm		
FB-24U-1	1	2.8 mm	2300 mm	★ Recommended for colonoscope	

Reusable rat tooth biopsy forceps



FB-56D-1



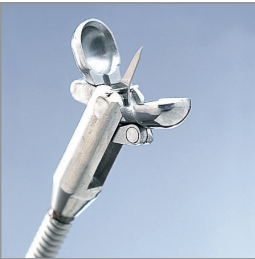
FB-37K-1

- Fenestrated cups for larger biopsies (FB-37K-1,FB-37U-1)
- Rat tooth to aid anchorage
- Elongated cups for deeper biopsies



Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
FB-56D-1	1	1.2 mm	1150 mm	3 Fr. Type	
FB-37K-1	1	2.8 mm	1550 mm	Fenestrated	
FB-37U-1	1	2.8 mm	2300 mm	Fenestrated	

Reusable oval cup with needle Jumbo biopsy forceps



- Needle for improved anchorage
- Ellipsoid cups for deeper biopsies
- Jumbo cups for larger biopsies



Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
FB-13U-1	1	3.7 mm	2300 mm	Standard type with Needle ★ Recommended for colonoscope	

Biopsy Forceps

Reusable round cup biopsy forceps



- For routine biopsies
- Fenestrated cups for larger biopsies
- Minimum tissue damage
- Rotatable versions for accurate positioning



Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
FB-19C-1	1	2.0 mm	1050 mm	★ Recommended for bronchoscope	
FB-19CR-1	1	2.0 mm	1050 mm	Rotatable	
FB-19K-1	1	2.0 mm	1550 mm	Rotatable	
FB-19KR-1	1	2.0 mm	1550 mm		
FB-20C-1	1	2.6 mm	1050 mm	★ Recommended for gastroscope	
FB-35C-1	1	2.8 mm	1050 mm		
FB-25K-1	1	2.8 mm	1550 mm	Rotatable	
FB-25KR-1	1	2.8 mm	1550 mm		
FB-26N-1	1	2.8 mm	1800 mm	★ Recommended for enteroscope	
FB-28U-1	1	2.8 mm	2300 mm		
FB-28Y-1	1	2.8 mm	2700 mm		

Reusable large round cup with needle biopsy forceps



- For routine biopsies
- Needle for improved anchorage
- Fenestrated cups for larger biopsies
- Minimum tissue damage



Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
FB-34C-1	1	2.0 mm	1050 mm		
FB-34K-1	1	2.0 mm	1550 mm		
FB-23K-1	1	2.8 mm	1550 mm		
FB-50K-1	1	3.7 mm	1550 mm		
FB-50U-1	1	3.7 mm	2300 mm		

Biopsy Forceps

Reusable alligator cup biopsy forceps



- For biopsies of tough tissue
- Alligator jaws to prevent slippage



Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
FB-15C-1	1	● 2.0 mm	1050 mm		
FB-15K-1	1	● 2.0 mm	1550 mm		
FB-36C-1	1	● 2.8 mm	1050 mm	Fenestrated	
FB-36K-1	1	● 2.8 mm	1550 mm	Fenestrated	

Reusable elongated cup biopsy forceps



- Elongated cups for deeper biopsies
- Fenestrated cups for larger biopsies



Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
FB-21C-1	1	● 2.0 mm	1050 mm	Fenestrated	
FB-21K-1	1	● 2.0 mm	1550 mm	Fenestrated	

Biopsy Forceps

Reusable single side opening cup fenestrated biopsy forceps



- Fenestrated cups for larger biopsies
- One static cup for greater control
- Performable distal portion
- Insulated sheath
- Flushing port to aid cleaning



Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
FB-45Q-1	1	● 2.2 mm	1950 mm	Single moving cup	

Reusable single side opening cup with rat tooth biopsy forceps



- Rat tooth to aid anchorage
- Fenestrated cups for larger biopsies
- One static cup for greater control
- Preformable distal portion
- Insulated sheaths
- Flushing port to aid cleaning



Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
FB-46Q-1	1	● 2.2 mm	1950 mm	Single moving rat tooth cup	

Reusable alligator cup SwingJaw™ biopsy forceps



- Rat tooth to aid anchorage
- Alligator jaws to prevent slippage
- Unique SwingJaw™ mechanism to aid tangential biopsies
- Fenestrated cups for larger biopsies



Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
FB-52C-1	1	2.0 mm	1050 mm		
FB-52K-1	1	2.0 mm	1550 mm		

Reusable alligator cup SwingJaw™ biopsy forceps



- Elongated cups for deeper biopsies
- Rat tooth to aid anchorage
- Alligator jaws to prevent slippage
- Unique SwingJaw™ mechanism to aid tangential biopsies
- Fenestrated cups for larger biopsies
- Rotatable version for accurate positioning



Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
FB-54K-1	1	2.8 mm	1550 mm		
FB-54KR-1	1	2.8 mm	1550 mm	Rotatable	
FB-54U-1	1	2.8 mm	2300 mm		

Reusable alligator cup with needle SwingJaw™ biopsy forceps



- Ellipsoid cups for deeper biopsies
- Rat tooth to aid anchorage
- Alligator jaws to prevent slippage
- Unique SwingJaw™ mechanism to aid tangential biopsies
- Fenestrated cups for larger biopsies
- Rotatable versions for accurate positioning
- Needle for improved anchorage



Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
FB-55CR-1	1	2.8 mm	1050 mm	Rotatable	
FB-55K-1	1	2.8 mm	1550 mm		
FB-55U-1	1	2.8 mm	2300 mm		

Reusable rat tooth SwingJaw™ biopsy forceps



- Rat tooth to aid anchorage
- Unique SwingJaw™ mechanism to aid tangential biopsies
- Fenestrated cups for larger biopsies
- Preformable distal portion
- Insulated sheath
- Flushing port to aid cleaning



Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
FB-39Q-1	1	2.2 mm	1950 mm		
FB-40Q-1	1	2.8 mm	1950 mm	Luer lock connection for contrast infusion	

Reusable hot biopsy forceps



- Uses diathermy current to coagulate and cut
- Oval cups
- To be used with MH-264



Model number	Qty. per box	Minimum working channel Ø	Working length	To use with	Area compatibility
FD-7C-1	1 main body	2.0 mm	1050 mm	MH-264	
FD-6C-1	1 main body	2.6 mm	1050 mm	MH-264	
FD-1L-1	1 main body	2.8 mm	1650 mm	MH-264	
FD-1U-1 ★	1 main body	2.8 mm	2300 mm	MH-264	
MH-264	1 handle			FD-7C-1 "6C-1, 1U-1, 2U-1"	

★ Recommended model

Single use oval cup fenestrated biopsy forceps



- Ribbed sheath to aid insertion
- Fenestrated cups for larger biopsies
- Unique SwingJaw™ mechanism to aid tangential biopsies
- Colour coded sheaths for easy recognition of area compatibility



Model number	Qty. per box	Minimum working channel Ø	Working length	Colour coded sheaths	Area compatibility
FB-231D	20	2.0 mm	1150 mm		
FB-231K	20	2.0 mm	1550 mm		
FB-230K	20	2.8 mm	1550 mm	★ Recommended for gastroscope	
FB-230U	20	2.8 mm	2300 mm		

Single use oval cup with needle fenestrated biopsy forceps



- Ribbed sheath to aid insertion
- Fenestrated cups for larger biopsies
- Unique SwingJaw™ mechanism to aid tangential biopsies
- Needle for improved anchorage
- Colour coded sheaths for easy recognition of area compatibility



Model number	Qty. per box	Minimum working channel Ø	Working length	Colour coded sheaths	Area compatibility
FB-241D	20	2.0 mm	1150 mm		
FB-241K	20	2.0 mm	1550 mm		
FB-240K	20	2.8 mm	1550 mm		
FB-240U	20	2.8 mm	2300 mm	★ Recommended for colonoscope	

Single use alligator cup fenestrated biopsy forceps



- Ribbed sheath to aid insertion
- Fenestrated cups for larger biopsies
- Unique SwingJaw™ mechanism to aid tangential biopsies
- Alligator jaws to prevent slippage
- Colour coded sheaths for easy recognition of area compatibility



Model number	Qty. per box	Minimum working channel Ø	Working length	Colour coded sheaths	Area compatibility
FB-211D	20	2.0 mm	1150 mm	★ Recommended for bronchoscope	
FB-211K	20	2.0 mm	1550 mm		
FB-210K	20	2.8 mm	1550 mm		
FB-210U	20	2.8 mm	2300 mm		

Single use alligator cup with needle fenestrated biopsy forceps



- Ribbed sheath to aid insertion
- Fenestrated cups for larger biopsies
- Unique SwingJaw™ mechanism to aid tangential biopsies
- Alligator jaws to prevent slippage
- Needle for improved anchorage
- Colour coded sheaths for easy recognition of area compatibility



Model number	Qty. per box	Minimum working channel Ø	Working length	Colour coded sheaths	Area compatibility
FB-221D	20	2.0 mm	1150 mm		
FB-221K	20	2.0 mm	1550 mm		
FB-220K	20	2.8 mm	1550 mm		
FB-220U	20	2.8 mm	2300 mm		

Single use hot biopsy forceps



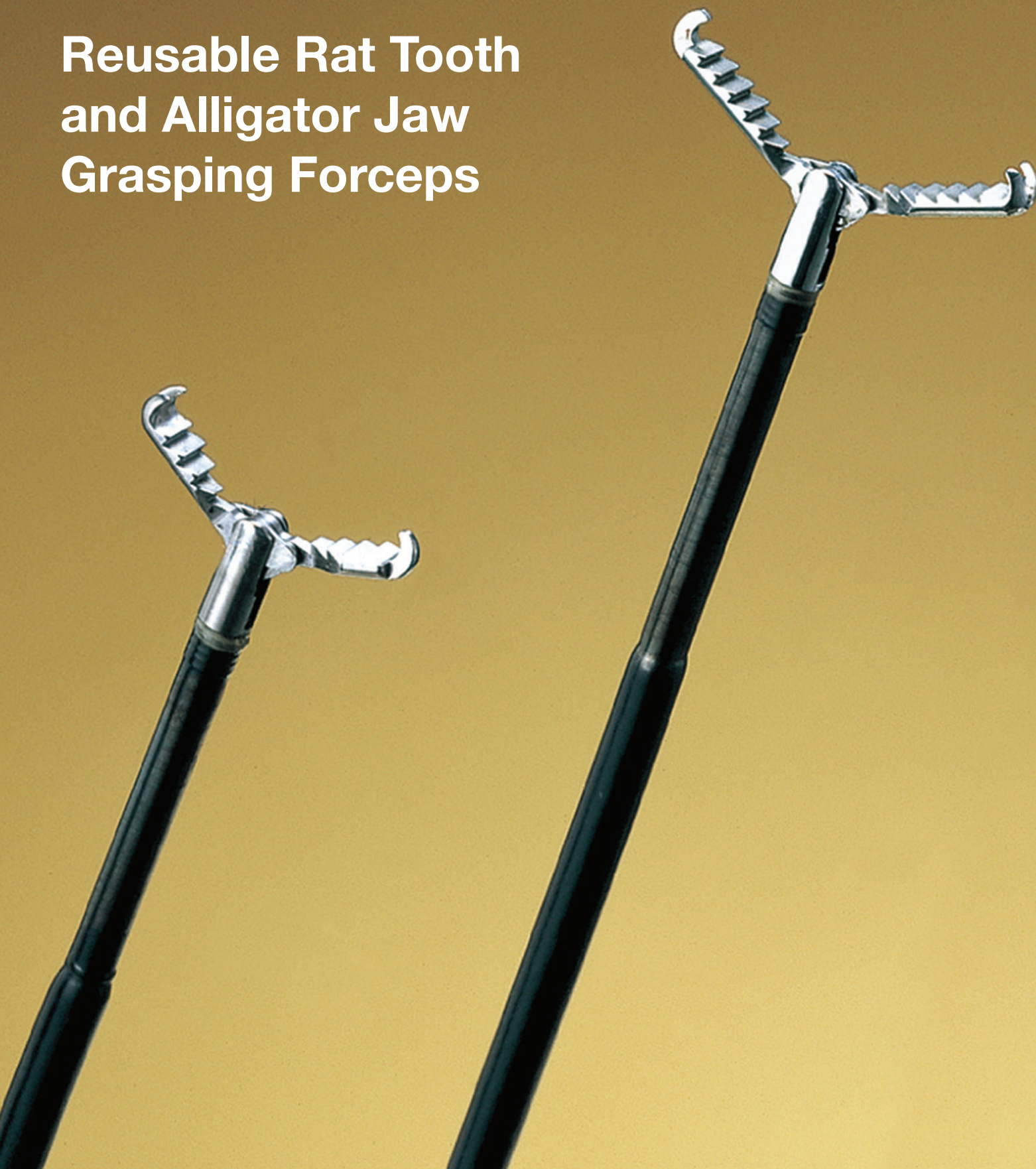
- Fenestrated cups for larger biopsies and tissues resection
- Uses diathermy current to coagulate and cut
- Unique SwingJaw™ mechanism to aid tangential biopsies
- Alligator type and oval type



Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
FD-210U	5	2.8 mm	2300 mm	Oval fenestrated alligator cups	
FD-230U	5	2.8 mm	2300 mm	Oval fenestrated	

Grasping Forceps

Reusable Rat Tooth and Alligator Jaw Grasping Forceps



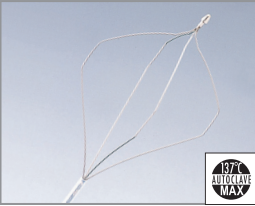
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Grasping Forceps

Grasping forceps	
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Grasping Forceps

Reusable baskets



FG-17-1

- For round slippery objects, stone, polyps or resected tissues
- MA-479 required for FG-16L/U-1, -17K-1, -24SX-1



FG-Handle MA-479

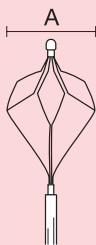
only FG-18Q-1, -22Q-1, 23Q-1, -301Q

Model number	Qty. per box	Minimum working channel Ø	Working length	Opening diameter	Features	Area compatibility
FG-17K-1	1	2.0 mm	1550 mm	32 mm	To use with MA-479	
FG-16L-1	1	2.8 mm	1650 mm	35 mm	To use with MA-479	
FG-16U-1	1	2.8 mm	2300 mm	35 mm	To use with MA-479	
MA-479	1				For use with FG-16L/U-1, -17K-1, -18Q-1, 24SX-1	

Single use extraction basket



- Design for ERCP use
- Exceptional grasping capability assures stone retrieval
- Rotatable basket suitable for foreign body removal
- Integral handle
- C-hook allows doctor to control the basket handle



Model number	Qty. per box	Minimum working channel Ø	Working length	Opening diameter	Features	Area compatibility
FG-V421PR	1	2.8 mm	1900 mm	20 mm	8 wire, rotatable type	
FG-V431P	1	3.7 mm	1900 mm	20 mm	8 wire, distal wireguided	
FG-V422PR	1	2.8 mm	1900 mm	22 mm	4 wire, rotatable type	
FG-V432P	1	3.7 mm	1900 mm	22 mm	4 wire, distal wireguided	

Grasping Forceps

Single use rotatable 6-wire grasping basket



FG-460YR

- To retrieve foreign bodies and excised tissue
- 6-wire design for firm grip
- Rotation function enables objects to be captured more easily
- Convenient single use design with integral handle
- Perfect to remove trapped endo capsule

Model number	Qty. per box	Minimum working channel Ø	Working length	Basket Ø	Features	Area compatibility
FG-460YR	1	2.8 mm	2700 mm	16 mm	Rotatable type	Enteroscopy

Reusable rat tooth grasping forceps



- For removal of stents and flat objects such as coins
- Rat tooth for firm grip



FG-14P-1

Model number	Qty. per box	Minimum working channel Ø	Working length	Opening diameter	Features	Area compatibility
FG-14P-1	1	2.0 mm	1900 mm	3.0 mm	For flat foreign bodies	
FG-26C-1	1	2.6 mm	1050 mm	3.5 mm		
FG-32L-1	1	2.8 mm	1650 mm	4.7 mm	Long jaws	

Grasping Forceps

Reusable rat tooth grasping forceps with insulated coating



- Ideal for EMR
- Rat tooth design to prevent crushing of grasped tissue
- Insulated sheath
- FG-48L-1, -50L-1: extra large opening for 2 channel scope EMR



FG-48L-1



Model number	Qty. per box	Minimum working channel Ø	Working length	Opening diameter	Features	Area compatibility
FG-8L-1	1	2.8 mm	1650 mm	4.7 mm	Ideal for coins	
FG-8U-1 ★	1	2.8 mm	2300 mm	4.7 mm		
FG-48L-1	1	2.8 mm	1650 mm	19.5 mm		
FG-50L-1	1	2.8 mm	1650 mm	15.5 mm		
FG-9U-1	1	3.7 mm	2300 mm	8.3 mm	Ideal for coins	

★ Recommended model

Reusable alligator jaw grasping forceps with insulated coating



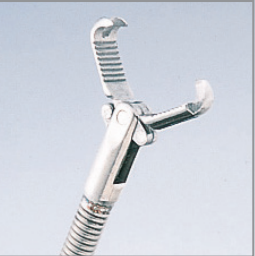
- For holding or removing objects
- Alligator jaws prevent slipping
- Insulated sheath



Model number	Qty. per box	Minimum working channel Ø	Working length	Opening diameter	Area compatibility
FG-6L-1	1	2.8 mm	1650 mm	7.5 mm	
FG-6U-1	1	2.8 mm	2300 mm	7.5 mm	

Grasping Forceps

Reusable rat tooth and alligator jaw rotatable grasping forceps



- Strong grasping forceps - purpose designed for ERCP stent removal
- Rat tooth and alligator jaw for firm grip
- Rotatable for easy positioning

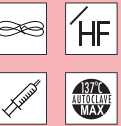


Model number	Qty. per box	Minimum working channel Ø	Working length	Opening diameter	Features	Area compatibility
FG-44NR-1	1	2.8 mm	1800 mm	6.9 mm	Rotatable	

Reusable rat tooth and alligator jaw grasping forceps with insulated coating



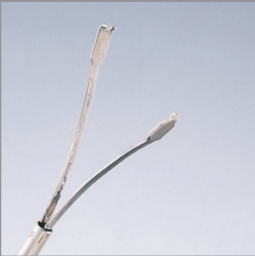
- Rat tooth and alligator jaw for firm grip
- Extra wide opening for firm grasping of large objects
- Long jaws suitable for grasping a wide area of mucosa
- Insulated sheath



Model number	Qty. per box	Minimum working channel Ø	Working length	Opening diameter	Features	Area compatibility
FG-42L-1	1	2.8 mm	1650 mm	11.3 mm		
FG-47L-1	1	2.8 mm	1650 mm	14.9 mm		
FG-49L-1	1	2.8 mm	1650 mm	19.5 mm		

Grasping Forceps

Reusable V-shaped grasping forceps



- V-shaped, wide opening prongs
- Pronounced rat tooth provides a firm grip
- Prongs retract into sheath
- For thin, flat objects



Model number	Qty. per box	Minimum working channel Ø	Working length	Opening diameter	Features	Area compatibility
FG-4L-1	1	2.0 mm	1650 mm	13.0 mm		
FG-25C-1	1	2.6 mm	1050 mm	13.0 mm		

Reusable rubber tipped grasping forceps



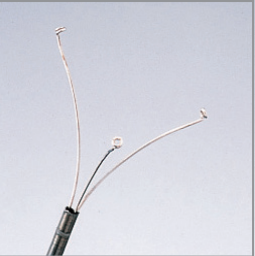
- For sharp or flat objects such as needles and pins
- Rubber tips provide firm grip of metallic objects



Model number	Qty. per box	Minimum working channel Ø	Working length	Opening diameter	Area compatibility
FG-20P-1 ★	1	2.0 mm	1900 mm	4.8 mm	
FG-21L-1	1	2.8 mm	1650 mm	7.3 mm	

Grasping Forceps

Reusable tripod type



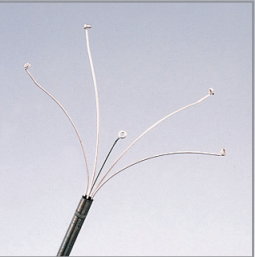
- Tripod prongs can collect large polyps with minimal tissue damage.
- Proximal flushing port ports permits irrigation through internal lumens.



Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
FG-45L-1	1	2.8 mm	1650 mm	Tripod type (3 prongs)	
FG-45U-1 ★	1	2.8 mm	2300 mm	Tripod type (3 prongs)	

★ Recommended model

Reusable pentapod type



- Equipped with five prongs to collect small tissue samples or polyp.
- Proximal flushing port ports permits irrigation through internal lumens.



Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
FG-46L-1	1	2.8 mm	1650 mm	Pentapod type (5 prongs)	
FG-46U-1	1	2.8 mm	2300 mm	Pentapod type (5 prongs)	

SnareMaster™

Single use crescent
shape snare



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Polypectomy

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Polypectomy

Reusable oval shape snare



- Oval loop shape
- Braided wire with optimal wire stiffness
- Ideal for bigger polyps



Model number	Qty. per box	Minimum working channel Ø	Working length	Opening width	Wire Diameter	Note	Area compatibility
SD-9L-1	2 wire, 2 sheath	2.8 mm	1650 mm	25 mm	0.47 mm	To use with MH-264 (Handle)	
SD-9U-1 ★	2 wire, 2 sheath	2.8 mm	2300 mm	25 mm	0.47 mm	To use with MH-264 (Handle)	
MAJ-15	1 tube sheath	2.8 mm	2300 mm	-	-	Individual Component of SD-9U-1	
MAJ-16	1 wire	-	2300 mm	25 mm	0.47 mm	Individual Component of SD-9U-1	
SD-11L-1	2 wire, 2 sheath	2.8 mm	1650 mm	25 mm	0.43 mm	To use with MH-264 (Handle)	
MAJ-15	1 tube sheath	2.8 mm	2300 mm	-	-	Individual Component of SD-11U-1	
MAJ-18	1 wire	-	2300 mm	25 mm	0.43 mm	Individual Component of SD-11U-1	
MAJ-15	1 tube sheath	2.8 mm	2300 mm	-	-	Individual Component of SD-13U-1	
MAJ-22	1 wire	-	2300 mm	15 mm	0.43 mm	Individual Component of SD-13U-1	

★ Recommended model

Reusable mini oval shape snare



- Mini oval shape
- Braided wire with optimal wire stiffness
- Ideal for small polyps



Model number	Qty. per box	Minimum working channel Ø	Working length	Opening diameter	Features	Area compatibility
SD-12U-1	2	2.8 mm	2300 mm	15 mm	To use with MH-264 (Handle)	

Polypectomy

Reusable hexagonal shape snare



- Hexagonal shape coil sheath
- Mono filament wire snare



Model number	Qty. per box	Minimum working channel Ø	Working length	Opening diameter	Features	Area compatibility
SD-6U-1	2	2.8 mm	2300 mm	22 mm	To use with MH-264 (Handle)	

Reusable crescent shape snare



- Thin pliant wire design
- Plastic-coated metal sheath for enhanced pushability
- Braided wire for improved coagulation effect
- Outer plastic sheath to be combined with snare wire and SD handle (MH-264)

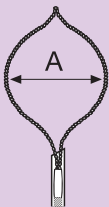


Model number	Qty. per box	Minimum working channel Ø	Working length	Opening width	Wire Diameter	Note	Area compatibility
SD-5L-1	2 wire, 2 sheath	2.8 mm	1650 mm	22 mm	0.4mm	To use with MH-264 (Handle)	
SD-5U-1	2 wire, 2 sheath	2.8 mm	2300 mm	22 mm	0.4mm	To use with MH-264 (Handle)	
MAJ-218	1 wire	-	2300 mm	22 mm	0.4mm	Individual Component	
MAJ-219	1 metal sheath	2.8 mm	2300 mm	-	-	Individual Component	

Single use oval electro-surgical snares



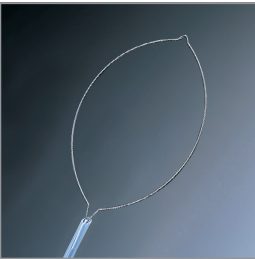
- Wide opening oval snare
- Thick braided wires for maximum coagulation and control
- Integral handle with measurement markings



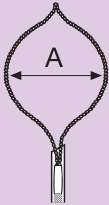
Model number	Qty. per box	Minimum working channel Ø	Working length	Loop Ø (A)	Wire thickness	Area compatibility
SD-210U-10	10	2.8 mm	2300 mm	10 mm	0.47 mm	
SD-210U-15	10	2.8 mm	2300 mm	15 mm	0.47 mm	
SD-210U-25	10	2.8 mm	2300 mm	25 mm	0.47 mm	

SnareMaster Soft™

Single use oval soft electro-surgical snares

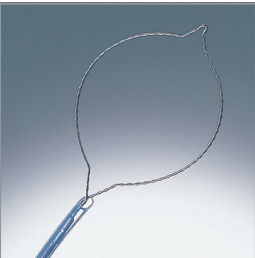


- Soft, more pliable wire for easier manoeuvrability
- Wide opening oval snare
- Integral handle with measurement markings

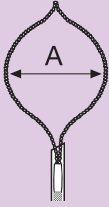


Model number	Qty. per box	Minimum working channel Ø	Working length	Loop Ø (A)	Wire thickness	Area compatibility
SD-240U-10	10	2.8 mm	2300 mm	10 mm	0.40 mm	
SD-240U-15	10	2.8 mm	2300 mm	15 mm	0.40 mm	
SD-240U-25	10	2.8 mm	2300 mm	25 mm	0.40 mm	

Single use spiral electro-surgical snare



- Ideal for sessile polyps or flat lesions
- Wide opening oval snare with integrated spiral rings to aid mucosal grasp
- Braided wire for improved coagulation effect
- Integral handle with measurement markings



Model number	Qty. per box	Minimum working channel Ø	Working length	Loop Ø (A)	Wire thickness	Area compatibility
SD-230U-20 ★	10	2.8 mm	2300 mm	20 mm	0.48 mm	

★ Recommended model

Single use crescent electro-surgical snares



- Crescent shape ideal for EMRC
- Thin pliant wire design
- Integral handle with measurement markings



Model number	Qty. per box	Minimum working channel Ø	Working length	Loop Ø (A)	Wire thickness	Area compatibility
SD-221L-25	10	2.0 mm	1650 mm	25 mm	0.3 mm	
SD-221U-25	10	2.0 mm	2300 mm	25 mm	0.3 mm	

Dualknife J

ESD knife with Waterjet Function



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EMR & ESD

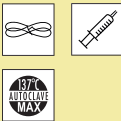
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Endoscopic
Mucosal Resection

Reusable spray catheters



- To spray dye suspected areas to confirm the size and location of lesions
- Diffuse dye evenly over a wide area



Model number	Qty. per box	Minimum working channel Ø	Working length	Area compatibility
PW-6P-1	1	● 2.0 mm	1900 mm	
PW-5L-1	1	● 2.8 mm	1650 mm	
PW-5V-1	1	● 2.8 mm	2400 mm	

Single-use Spray Catheter



- Maximizes the effectiveness and efficient of spraying during endoscopy
- Wider, more evenly distributed spraying for clear visualization
- Kink-resistant design for smooth insertion
- For dye, saline, or other solutions
- Shortens procedure time and increases visualization of lesions

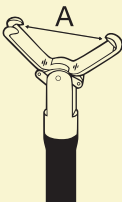


Model number	Qty. per box	Minimum working channel Ø	Working length	Area compatibility
PW-205V	6	● 2.8 mm	2400 mm	

Reusable alligator jaw with rat tooth EMR grasping forceps



- Long jaws suitable for grasping a wide area of mucosa during twin channel EMR
- Alligator jaw with rat tooth for rim grip
- Insulated sheath
- Also suitable for foreign body retrieval



Model number	Qty. per box	Minimum working channel Ø	Working length	Opening width (A)	Area compatibility
FG-42L-1	1	● 2.8 mm	1650 mm	11.3 mm	
FG-47L-1	1	● 2.8 mm	1650 mm	14.9 mm	
FG-49L-1	1	● 2.8 mm	1650 mm	19.5 mm	

Endoscopic
Mucosal Resection

Reusable rat tooth EMR grasping forceps

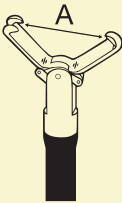


FG-48L-1



FG-50L-1

- Long jaws suitable for grasping a wide area of mucosa during twin channel EMR
- Rat tooth to help grip mucosa
- Insulated sheath
- Also suitable for foreign body retrieval



Model number	Qty. per box	Minimum working channel Ø	Working length	Opening width (A)	Area compatibility
FG-48L-1	1	● 2.8 mm	1650 mm	19.5 mm	
FG-50L-1	1	● 2.8 mm	1650 mm	15.5 mm	

EMR Kit™

Single-use EMR Kits with straight distal attachment with rim for upper GI



- Ready to use kit for EMRC in the upper GI tract
- Set Includes spray catheter (PW-205L) injection needle (NM-401L-0423), electrosurgical snare (SD-221L-25) and distal attachment
- Attachment: Straight, with rim



Model number	Qty. per box	Working length	Endoscope compatibility	Area compatibility
K-001	1 kit	1650 mm	Gastrosopes: GIF-HQ190, -H190, -H180, -H180J, -Q160, -Q145, -140, -XQ140, -H260, -Q260	
K-002	1 kit	1650 mm	Gastrosopes: GIF-1TQ160, -Q140, -1T140	

EMR Kits with oblique distal attachment with rim for upper GI



- Ready to use kit for EMRC in the upper GI tract
- Oblique design for tangential approach
- Set Includes spray catheter (PW-205L) injection needle (NM-401L-0423), electrosurgical snare (SD-221L-25) and distal attachment
- Attachment: Wide oblique with rim for tangential approach



Model number	Qty. per box	Working length	Endoscope compatibility	Area compatibility
K-003	1 kit	1650 mm	Gastrosopes: GIF-HQ190, -H190, -H180, -H180J, -Q160, -Q145, -140, -XQ140, -H260	
K-004	1 kit	1650 mm	Gastrosopes: GIF-1TQ160, -Q140, -1T140	

EMR Kits with oblique soft distal attachment with rim for upper GI



- Ready to use kit for EMRC in the upper GI tract
- Oblique design for tangential approach
- Set Includes spray catheter (PW-205L) injection needle (NM-400L-0423), electrocautery snare (SD-221L-25) and distal attachment
- Attachment: Oblique soft for tangential approach



Model number	Qty. per box	Working length	Type of distal attachment	Endoscope compatibility	Area compatibility
K-005	1 kit	1650 mm	D-206-01	Gastrosopes: GIF-160	
K-006	1 kit	1650 mm	D-206-02	Gastrosopes: GIF-Q165, -Q180, -XQ200, -XQ240, -Q260	
K-007	1 kit	1650 mm	D-206-03	Gastrosopes: GIF-V, -V70, -100, -130, -XQ140, -XQ30, -XQ40, -XQ230, -Q240X, -H190	
K-008	1 kit	1650 mm	D-206-04	Gastrosopes: GIF-V2, -140, -Q160, -Q240, -H180, -H180J	
K-009	1 kit	1650 mm	D-206-05	Gastrosopes: GIF-Q140, -Q200, -Q230, -Q30, -Q40, -1T130, -1T140, -1T240, -HQ190	

EMR Kits with straight distal attachment with rim for upper GI



- Ready to use kit for EMRC in the upper GI tract
- Set Includes spray catheter (PW-205L) injection needle (NM-401L-0423), electrocautery snare (SD-221L-25) and distal attachment
- Attachment: Straight, with rim



Model number	Qty. per box	Working length	Endoscope compatibility	Area compatibility
K-011	1 kit	1650 mm	Gastrosopes: GIF-P140, 160, -Q180	

* In some areas, these are not available

EMR Kits with oblique distal attachment with rim for upper GI



- Ready to use kit for EMRC in the upper GI tract
- Oblique design for tangential approach
- Set Includes spray catheter (PW-205L) injection needle (NM-401L-0423), electrocautery snare (SD-221L-25) and distal attachment
- Attachment: Oblique, with rim



Model number	Qty. per box	Working length	Endoscope compatibility	Area compatibility
K-012	1 kit	1650 mm	Gastrosopes: GIF-P140, -160, -Q180	

* In some areas, these are not available

EMR Kit for lower GI



- Ready to use kit for EMR in the lower GI tract
- Set Includes spray catheter (PW-205V) injection needle (NM-400U-0425), and electrocautery snare (SD-230U-20)



Model number	Qty. per box	Working length	Endoscope compatibility	Area compatibility
K-010	1 kit	2300 mm	CF, PCF, OSF	

Endoscopic Submucosal Dissection

ITKnife 2™

Single-use electrocautery insulated tip knife



- Triangle-shaped electrode for easier lateral incision and submucosal dissection
- Insulated tip enables incision and dissection of large lesions in the stomach
- Coil sheath with optimised rigidity to maintain maximum manoeuvrability
- To ensure clear field of view an optional distal attachment (D-201 series) may be used



Model number	Quantity	Minimum working channel Ø	Working length	Knife length	Features	Area compatibility
KD-611L	1	2.8 mm	1650 mm	4 mm	Insulated tip outer diameter 2.2 mm	

ITknife nano

Single-use electrocautery insulated tip knives - for colon and esophagus



- Supports safer procedures in the esophagus and colon
- Specially designed, smaller insulated tip to improve manoeuvrability
- Disk shaped electrode enables smooth spark development
- Coil sheath with optimised rigidity to maintain maximum manoeuvrability
- To ensure clear field of view an optional distal attachment (D-201 series) may be used



Model number	Article number	Qty	Minimum working channel Ø	Working length	Knife length	Features	Area compatibility
KD-612L	N4468930	1	2.8 mm	1650 mm	3.5 mm	Insulated tip outer diameter: 1.7 mm	Esophagus
KD-612U	N4469130	1	2.8 mm	2300 mm	3.5 mm	Insulated tip outer diameter: 1.7 mm	

Endoscopic
Submucosal Dissection

HookKnife

Single-use electrosurgical hook knives



- L-shaped hook for incision and dissection in longitudinal and lateral directions
- To minimise invasion it is recommended to use an optional distal attachment (D-201 series) to help maintain field of view
- Rotatable



Model number	Qty	Minimum working channel Ø	Working length	Knife length	Features	Area compatibility
KD-620LR	1	2.8 mm	1650 mm	4.5 mm	Hook length: 1,3 mm ; rotatable	
KD-620UR	1	2.8 mm	2300 mm	4.5 mm	Hook length: 1,3 mm ; rotatable	

Single-use electrosurgical knife with knob-shaped tip

DualKnife™



- The 0.3 mm needle knife tip is knob-shaped for smooth and reliable cutting. Additionally, it allows the hooking up of the submucosal fibres
- Two different knife lengths are available for safe performance according to the anatomical needs
- Easy two step adjustment: retracted knife for marking and haemostasis, extended knife for incision and dissection
- Slim sheath with just the right degree of rigidity for stable dissection plus excellent suction
- To ensure clear field of view an optional distal attachment (D-201 series)



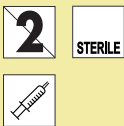
Model number	Qty	Minimum working channel Ø	Working length	Knife length	Features	Area compatibility
KD-650L	1	2.8 mm	1650 mm	2.0 mm	Knife length 2.0 mm for thicker wall layers such as in stomach	
KD-650U	1	2.8 mm	2300 mm	1.5 mm	Knife length 1.5 mm for thinner wall layers such as in LGI tract	

Single-use electrosurgical knife with knob-shaped tip and Integrated Jet Function

DualKnife J™



- Unique design for maximum performance
- Handle with rotatable injection port allows injection into the submucosal space
- Slim sheath with just the right degree of rigidity for stable dissection plus excellent suction
- Easy two-step adjustment: Retracted and extended
- 0.3 mm knob-shaped needle tip for smooth and reliable cutting allows the hooking up of individual submucosal fibres
- when the knife is retracted, the knob is only 0.1 mm high - for even safer marking and hemostasis
- For clear field of view, an optional distal attachment (D-201 series) may be used
- To be used with OFP-2 pump and MAJ-1681 or MAJ-1682 tubing



Model number	Qty	Minimum working channel Ø	Working length	Knife length	Features	Area compatibility
KD-655L	1	2.8 mm	1650 mm	2.0 mm	Knife length of 2.0 mm for thicker wall layers, such as in stomach	
KD-655Q	1	2.8 mm	1950 mm	1.5 mm	Knife length of 1.5 mm for thinner wall layers, such as in LGI tract and esophagus	
KD-655U	1	2.8 mm	2300 mm	1.5 mm	Knife length of 1.5 mm for thinner wall layers, such as in LGI tract and esophagus	

Endoscopic
Submucosal Dissection

TriangleTipKnife™

Single-use electrosurgical triangle tip knife



- Triangle-tipped knife for marking, incision and dissection
- Conductive triangle tip for cutting the mucosa
- No need to rotate the knife, cutting can be performed in any direction
- Tip design suitable for controlling moderate bleeding
- To ensure clear field of view an optional distal attachment (D-201 series) may be used
- Used in Per Oral Endoscopic Myotomy (POEM) to treat swallowing disorders such as Achalasia



Model number	Qty	Minimum working channel Ø	Working length	Knife length	Features	Area compatibility
KD-640L	1	2.8 mm	1650 mm	4.5 mm	Triangle-tip plate length: 0.4 mm	
KD-645L	1	2.8 mm	1650 mm	4.5 mm	WaterJet Function	

Coagrasper™

Single-use electrosurgical haemostatic forceps



- To support endoscopic submucosal dissection with fast and reliable haemostasis
- Anti-slip construction to securely grasp bleeding points
- Simplified coagulation process during grasping
- Rotating function
- FD-410LR: tapered tip for precise approach
- FD-411QR/UR: smaller distal cup to suit colon's thin wall



Model number	Qty	Minimum working channel Ø	Working length	Features	Opening width	Area compatibility
FD-410LR	1	2.8 mm	1650 mm	Rotatable, for gastroscopes only	5 mm	
FD-411QR	1	3.2 mm	1950 mm	Rotatable, for I length colonoscope only	4 mm	
FD-411UR	1	3.2 mm	2300 mm	Rotatable, for L length colonoscope only	4 mm	

Distal Attachments

100 series scope



Series	Endoscope	Hard / straight	Hard / Oblique	Hard / straight with rim	Hard / Oblique with rim	Hard / Wide opening with rim
190	GIF-H190	MH-463	MH-588	MH-594	MAJ-290	MAJ-296
	GIF-HQ190	MH-463	MH-588	MH-594	MAJ-290	MAJ-296
	CF-HQ190L/I	MH-466	MH-591	MH-597	MAJ-293	-
	CF-H190L/I	MH-466	MH-591	MH-597	MAJ-293	-
	PCF-PH190L/I	MH-463	MH-588	MH-594	MAJ-290	MAJ-296
	PCF-H190L/I	MH-465	MH-590	MH-596	MAJ-292	-
180	GIF-N180	-	-	-	-	-
	GIF-Q180	MH-462	MH-587	MH-593	MAJ-289	MAJ-295
	GIF-H180	MH-463	MH-588	MH-594	MAJ-290	MAJ-296
	GIF-H180J	MH-463	MH-588	MH-594	MAJ-290	MAJ-296
	GIF-2TH180	MAJ-663	MAJ-664	MAJ-665	MAJ-666	-
	CF-Q180AL/I	MH-466	MH-591	MH-597	MAJ-293	-
	CF-H180AL/I	MH-466	MH-591	MH-597	MAJ-293	-
	CF-H180DL/I	MH-466	MH-591	MH-597	MAJ-293	-
	PCF-Q180AL/I	MH-464	MH-589	MH-595	MAJ-291	MAJ-297
	PCF-H180AL/I	MH-464	MH-589	MH-595	MAJ-291	MAJ-297
160	GIF-160	MH-462	MH-587	MH-593	MAJ-289	MAJ-295
	GIF-Q160	MH-463	MH-588	MH-594	MAJ-290	MAJ-296
	GIF-1TQ160	MH-464	MH-589	MH-595	MAJ-291	MAJ-297
	GIF-XTQ160	MH-466	MH-591	MH-597	MAJ-293	-
	GIF-2T160	MH-466	MH-591	MH-597	MAJ-293	-
	GIF-Q160Z	-	-	-	-	-
	CF-2T160	-	-	-	-	-
	CF-Q160ZL/I	-	-	-	-	-

Distal Attachments

100 series scope



Series	Endoscope	Soft/ Wide opening with rim	Soft / straight with side hole	Soft / straight for Zoom scope	Black Distal Hoods/Soft/ Straight for Zoom scope
190	GIF-H190	D-206-03	D-201-10704	-	MAJ-1988
	GIF-HQ190	D-206-05	D-201-11804	D-201-11802	MAJ-1989
	CF-HQ190L/I	-	D-201-14304	-	MAJ-1991
	CF-H190L/I	-	D-201-14304	-	MAJ-1991
	PCF-PH190L/I	-	D-201-11304	-	MAJ-1989
	PCF-H190L/I	-	D-201-12704	-	MAJ-1990
180	GIF-N180	-	-	-	-
	GIF-Q180	D-206-02	-	-	
	GIF-H180	D-206-04	D-201-11804	-	MAJ-1989
	GIF-H180J	D-206-06	D-201-11804	-	MAJ-1989
	GIF-2TH180	D-206-06	D-201-11804	-	MAJ-1990
	CF-Q180AL/I	-	D-201-14304	-	MAJ-1991
	CF-H180AL/I	-	D-201-15004	-	MAJ-1991
	CF-H180DL/I	-	D-201-15004	-	MAJ-1991
	PCF-Q180AL/I	-	D-201-12704	-	MAJ-1990
	PCF-H180AL/I	-	D-201-12704	-	MAJ-1990
160	GIF-160	D-206-01	-	-	
	GIF-Q160	D-206-04	D-201-11304	-	
	GIF-1TQ160	-	D-201-12704	-	
	GIF-XTQ160	-	D-201-14304	-	
	GIF-2T160	-	D-201-14304	-	
	GIF-Q160Z	-	-	D-201-12402	
	CF-2T160	-	D-201-15004	-	
	CF-Q160ZL/I	-	-	D-201-16403	

Distal Attachments

200 series scope



Series	Endoscope	Hard / straight	Hard / Oblique	Hard / straight with rim	Hard / Oblique with rim	Hard / Wide opening with rim
240	GIF-1T240	-	-	-		-
	GIF-2T240	MAJ-663	MAJ-664	MAJ-665	MAJ-666	-
	GIF-Q240	MH-463	MH-588	MH-594	MAJ-290	MAJ-296
	GIF-Q240Z	MH-463	MH-588	MH-594	MAJ-290	MAJ-296
	GIF-SP240	MH-462	MH-587	MH-593	MAJ-289	MAJ-295
	GIF-XQ240	MH-462	MH-587	MH-593	MAJ-289	MAJ-295
	CF-240AL/I	MAJ-663	MAJ-664	MAJ-665	MAJ-666	-
	CF-240L/I	-	-	-	MAJ-666	-
	CF-Q240L/I	MH-466	MH-591	MH-597	MAJ-294	-
	CF-Q240ZL/I	MH-483	MH-592	MH-598	MAJ-294	-

Distal Attachments

200 series scope



Series	Endoscope	Soft/ Wide opening with rim	Soft / straight with side hole	Soft / straight for Zoom scope	Black Distal Hoods/Soft/ Straight for Zoom scope
240	GIF-1T240	-	-	-	MAJ-1990
	GIF-2T240	-	D-201-13404	-	-
	GIF-Q240	-	D-201-11804	-	-
	GIF-Q240Z	-	-	D-201-11802	-
	GIF-SP240	-	D-201-10704	-	-
	GIF-XQ240	-	D-201-10704	-	-
	CF-240AL/I	-	D-201-13404	-	MAJ-1990
	CF-240L/I	-	D-201-13404	-	MAJ-1990
	CF-Q240L/I	-	D-201-13404	-	MAJ-1991
	CF-Q240ZL/I	-	D-201-16403	-	MAJ-1992

Distal Attachments

200 series scope



Series	Endoscope	Hard / straight	Hard / Oblique	Hard / straight with rim	Hard / Oblique with rim	Hard / Wide opening with rim
260	GIF-N260	-	-	-	-	-
	GIF-XP260	-	-	-	-	-
	GIF-PQ260	-	-	-	-	-
	GIF-XQ260	MH-462	MH-587	MH-593	MAJ-289	MAJ-295
	GIF-Q260	MH-463	MH-588	MH-594	MAJ-290	MAJ-296
	GIF-Q260J	MH-463	MH-588	MH-594	MAJ-290	MAJ-296
	GIF-2TQ260M	MAJ-663	MAJ-664	MAJ-665	MAJ-666	-
	GIF-H260	MH-463	MH-588	MH-594	MAJ-290	MAJ-296
	GIF-H260Z	-	-	-	-	-
	CF-Q260AL/I	MAJ-663	MAJ-664	MAJ-665	MAJ-666	-
	CF-Q260DL/I	MAJ-663	MAJ-664	MAJ-665	MAJ-666	-
	CF-H260AL/I	MH-466	MH-591	MH-597	MAJ-293	-
	CF-H260AZL/I	MH-466	MH-591	MH-597	MAJ-293	-
	CF-H260DL/I	MH-466	MH-591	MH-597	MAJ-293	-
	PCF-PQ260L/I	MH-463	MH-588	MH-594	MAJ-290	MAJ-296
	PCF-Q260AL/I	MH-464	MH-589	MH-595	MAJ-291	MAJ-297
	PCF-Q260AZI	MH-464	MH-589	MH-595	MAJ-291	MAJ-297
	PCF-Q260JL/I	MH-463	MH-588	MH-594	MAJ-290	MAJ-296

Distal Attachments

200 series scope



Series	Endoscope	Soft/ Wide opening with rim	Soft / straight with side hole	Soft / straight for Zoom scope	Black Distal Hoods/Soft/ Straight for Zoom scope
260	GIF-N260	-	-	-	-
	GIF-XP260	-	-	-	-
	GIF-PQ260	-	-	-	-
	GIF-XQ260	D-206-02	D-201-10704	-	MAJ-1988
	GIF-Q260	D-206-03	D-201-10704	-	MAJ-1988
	GIF-Q260J	D-206-05	D-201-11804	-	MAJ-1989
	GIF-2TQ260M	D-206-06	D-201-13404	-	MAJ-1990
	GIF-H260	D-206-05	D-201-11304	-	MAJ-1989
	GIF-H260Z	D-206-05	-	D-201-12402	MAJ-1990
	CF-Q260AL/I	-	D-201-13404	-	MAJ-1990
	CF-Q260DL/I	-	D-201-13404	-	-
	CF-H260AL/I	-	D-201-14304	-	MAJ-1991
	CF-H260AZL/I	-	-	-	MAJ-1991
	CF-H260DL/I	-	D-201-14304	-	MAJ-1991
	PCF-PQ260L/I	-	D-201-10704	-	MAJ-1988
	PCF-Q260AL/I	-	D-201-12704	-	MAJ-1990
	PCF-Q260AZI	-	D-201-12704	-	MAJ-1990
	PCF-Q260JL/I	-	D-201-11804	-	MAJ-1990

Distal Attachments

200 series scope

					
Series	Endoscope	Hard / Straight with Rim	Hard / Oblique with Rim	Hard / Oblique Wide	Soft / Oblique Wide with Rim
290	GIF-XP290N	-	-	-	-
	GIF-HQ290	MH-594	MAJ-290	MAJ-296	D-206-05
	GIF-H290	MH-593	MAJ-289	MAJ-295	D-206-02
	CF-HQ290L/I	MH-597	MAJ-293	-	-
	CF-H290L/I	MAJ-665	MAJ-292	-	-
	PCF-H290L/I	MH-596	MAJ-292	-	-

Distal Attachments

200 series scope

						
Series	Endoscope	Soft / Straight with side holes	Soft / Straight without side holes (For Zoom)	Hard / Straight	Hard / Oblique	Soft / Stright Black Distal Hood (For Zoom)
290	GIF-XP290N	-	-	-	-	-
	GIF-HQ290	D-201-11804	D-201-11802	MH-463	MH-588	MAJ-1989
	GIF-H290	D-201-10704	-	MH-462	MH-597	MAJ-1988
	CF-HQ290L/I	D_201-14304	-	MH-466	MH-591	MAJ-1991
	CF-H290L/I	D-201-13404	-	MAJ-663	MAJ-664	MAJ-1988
	PCF-H290L/I	D-201-12704	-	MH-465	MH-590	MAJ-1990

QuickClip Pro

Repositionable Hemostasis Clips



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Haemostasis

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Haemostasis

EZ Clip™

Rotatable clip fixing device (applicator)



- Applicator is reusable & more cost effective
- Rotatable mechanism for easy targeting
- Easy to load individual clips
- Reliable mechanical hemostasis



Model number	Qty. per box	Minimum working channel Ø	Working length	Area compatibility
HX-110LR	1	2.8 mm	1650 mm	
HX-110UR	1	2.8 mm	2300 mm	

Clips for reusable rotatable clip-fixing devices



- Sterile, cartridge-housed clips
- Variety of clips for different applications
- Coloured cartridges to distinguish between clip designs



Model number	Article number	Qty	Clip arm length	Features	Colour of cartridge	Jaw angle	Area compatibility
HX-610-135XS	N2303830	24	Super short, approx. 4 mm	For hard tissue and bleeding ulcers	Grey	135 °	
HX-610-135S	N1085830	40	Short, approx. 6 mm	For stronger clipping/smaller area, haemostasis of stiffer lesions	Green	135 °	
HX-610-135	N1085630	40	Standard, approx. 7.5 mm	For pathological mucosa, deep ulcerous lesions, cancerous tissue	Pink	135 °	
HX-610-135L	N2303930	40	Long, approx. 9 mm	Wide clip opening, for post-EMR and post-polypectomy clipping in polyps with big stalk, for tangential approach	Purple	135 °	
HX-610-090S	N1085730	40	Short, approx. 6 mm	For marking	White	90 °	
HX-610-090	N1085530	40	Standard, approx. 7.5 mm	For healthy, elastic mucosa, mallory-weiss syndrome, open vessels, small perforations and marking	Yellow	90 °	
HX-610-090L	N1085930	40	Long, approx. 9 mm	For healthy, elastic mucosa, large-scale lesions, large adenomatous pedicles before and after polypectomy	Blue	90 °	
HX-610-090SC	N1086030	24	Short, approx. 6 mm	Special clips for marking: distal part coloured eight white-, red- and yellow-coloured clips in each package	White	90 °	

Haemostasis

Single use repositionable Clip fixing Device

QuickClip Pro



- For mechanical hemostasis of uppe and lower GI bleeding
- Additional uses include closure of mucosal defects, marking, and anchoring
- Open-and-close functionality
- Rotatable
- Wide, adjustable clip opening to grasp the right amount of tissue
- Resilient clip arms to resist bending
- Sterile-packed, preassembled, and ready to use



Model number	Qty. per box	Minimum working channel Ø	Working length	Arm Length	Area compatibility
HX-202LR, A-set	10	2.8 mm	1650 mm	10 mm	
HX-202LR, B-set	5	2.8 mm	1650 mm	10 mm	
HX-202LR, A-set	10	2.8 mm	2300 mm	10 mm	
HX-202LR, B-set	5	2.8 mm	2300 mm	10 mm	

QuickClip2™

Single use rotatable clip fixing devices



- For mechanical haemostasis of upper and lower GI bleeds
- Additional uses include closure of mucosal defects, marking and anchoring
- Rotatable
- Sterile packed, pre-assembled and ready to use



Model number	Qty. per box	Minimum working channel Ø	Working length	Arm length	Area compatibility
HX-201LR-135-A	20	2.8 mm	1650 mm	7.5 mm	
HX-201LR-135-B	5	2.8 mm	1650 mm	7.5 mm	
HX-201UR-135-A	20	2.8 mm	2300 mm	7.5 mm	
HX-201UR-135-B	5	2.8 mm	2300 mm	7.5 mm	
HX-201YR-135	5	2.8 mm	2700 mm	7.5 mm	

Single use rotatable clip fixing devices – long

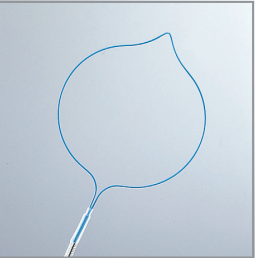


- For mechanical haemostasis of upper and lower GI bleeds
- Additional uses include closure of mucosal defects, marking and anchoring
- Longer arm length for greater opening width
- Rotatable
- Sterile packed, pre-assembled and ready to use



Model number	Qty. per box	Minimum working channel Ø	Working length	Working length	Area compatibility
HX-201LR-135L-A	20	2.8 mm	1650 mm	9 mm	
HX-201LR-135L-B	5	2.8 mm	1650 mm	9 mm	
HX-201UR-135L-A	20	2.8 mm	2300 mm	9 mm	
HX-201UR-135L-B	5	2.8 mm	2300 mm	9 mm	

Endo loop ligating device (applicator)



- For ligation of big polyps
- Ligation pressure is adjustable by controlling the FG-Handle (MA-479)



FG-Handle MA-479



Model number	Qty. per box	Minimum working channel Ø	Working length	to use with	Area compatibility
HX-20L-1	1	2.8 mm	1650 mm	MA-479 (Handle)	
HX-20U-1 ★	1	2.8 mm	2300 mm	MA-479 (Handle)	

★ Recommended model

Endo loop



MAJ-254



MAJ-340

- The loop is non-sterile, disposable



Model number	Qty. per box	Minimum working channel Ø	Opening width	to use with	Area compatibility
MAJ-254 ★	10	2.8 mm	30 mm	HX-20L-1, HX-20U-1	
MAJ-340	10	2.8 mm	20 mm	HX-20L-1, HX-20U-1	
MAJ-339	10	2.8 mm	12 mm	HX-21L-1	

★ Recommended model

Endo loop ligating device



- For esophageal varices ligation



MAJ-339

(use with HX-21L-1)

Model number	Qty. per box	Minimum working channel Ø	Working length	To use with	Area compatibility
HX-21L-1	1	2.8 mm	1650 mm	MAJ-479 (Handle)	

Loop cutter



- To cut off residual loop after ligation procedure

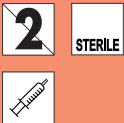
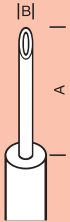


Model number	Feature	Endoscope	Area compatibility
FS-5L-1	To remove residual end of nylon loop after ligation procedure	GIF	
FS-5U-1		CF (L)	

Single use injection needles



- Extra stiff sheath to enhance penetration and prevent kinking
- Large range for wide variety of applications
- Ergonomic handle with positive “click” action
- Different needle bevels to suit both upper and lower GI applications



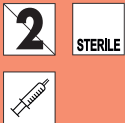
Model number	Qty. per box	Minimum working channel Ø	Working length	Needle length (A)	Needle Gauge (B)	Area compatibility
NM-401L-0423	5	2.0 mm	1650 mm	4 mm	23G = 0.6 mm	
NM-401L-0425	5	2.0 mm	1650 mm	4 mm	25G = 0.5 mm	
NM-401L-0523	5	2.0 mm	1650 mm	5 mm	23G = 0.6 mm	
NM-401L-0525	5	2.0 mm	1650 mm	5 mm	25G = 0.5 mm	
NM-401L-0623	5	2.0 mm	1650 mm	6 mm	23G = 0.6 mm	
NM-401L-0625	5	2.0 mm	1650 mm	6 mm	25G = 0.5 mm	
NM-400L-0421	5	2.8 mm	1650 mm	4 mm	21G = 0.8 mm	
NM-400L-0423 ★	5	2.8 mm	1650 mm	4 mm	23G = 0.6 mm	
NM-400L-0425	5	2.8 mm	1650 mm	4 mm	25G = 0.5 mm	
NM-400L-0523	5	2.8 mm	1650 mm	5 mm	23G = 0.6 mm	
NM-400L-0525	5	2.8 mm	1650 mm	5 mm	25G = 0.5 mm	
NM-400L-0621	5	2.8 mm	1650 mm	6 mm	21G = 0.3 mm	
NM-400L-0623	5	2.8 mm	1650 mm	6 mm	23G = 0.6 mm	
NM-400L-0625	5	2.8 mm	1650 mm	6 mm	25G = 0.5 mm	
NM-400U-0323	5	2.8 mm	2300 mm	3 mm	23G = 0.6 mm	
NM-400U-0423 ★	5	2.8 mm	2300 mm	4 mm	23G = 0.6 mm	
NM-400U-0425	5	2.8 mm	2300 mm	4 mm	25G = 0.5 mm	
NM-400U-0523	5	2.8 mm	2300 mm	5 mm	23G = 0.6 mm	
NM-400U-0525	5	2.8 mm	2300 mm	5 mm	25G = 0.6 mm	
NM-400U-0623	5	2.8 mm	2300 mm	6 mm	23G = 0.6 mm	
NM-400U-0625	5	2.8 mm	2300 mm	6 mm	25G = 0.5 mm	
NM-400Y-0423	5	2.8 mm	2700 mm	4 mm	23G = 0.6 mm	

★ Recommended model

Single use injection needles



- Comprehensive range for wide variety of applications
- Different needle bevels for excellent puncture performance in all applications
- Larger inner needle lumen allows injection of high-viscosity liquid with light force
- Resilient tube sheath enables the needle to be extended easily with light force even if the sheath is kinked
- Ergonomic handle with positive “click” action

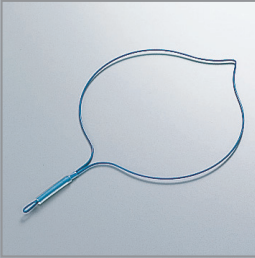


Model number	Qty. per box	Minimum working channel Ø	Working length	Needle Bevel	Needle length	Needle Ø	Area compatibility
NM-610L-0421	5	2.8 mm	1650 mm	Middle	4 mm	21G = 0.8 mm	
NM-600L-0421	5	2.8 mm	1650 mm	Regular	4 mm	21G = 0.8 mm	
NM-600L-0621	5	2.8 mm	1650 mm	Regular	6 mm	21G = 0.8 mm	
NM-610L-0423	5	2.8 mm	1650 mm	Middle	4 mm	23G = 0.6 mm	
NM-600L-0423	5	2.8 mm	1650 mm	Regular	4 mm	23G = 0.6 mm	
NM-600L-0423	5	2.8 mm	1650 mm	Regular	5 mm	23G = 0.6 mm	
NM-610L-0525	5	2.8 mm	1650 mm	Middle	5 mm	25G = 0.5 mm	
NM-600L-0525	5	2.8 mm	1650 mm	Regular	5 mm	25G = 0.5 mm	
NM-610L-0426	5	2.8 mm	1650 mm	Middle	4 mm	26G = 0.4 mm	
NM-610U-0323	5	2.8 mm	2300 mm	Middle	3 mm	23G = 0.6 mm	
NM-610U-0423	5	2.8 mm	2300 mm	Middle	4 mm	23G = 0.6 mm	
NM-610U-0523	5	2.8 mm	2300 mm	Middle	5 mm	23G = 0.6 mm	
NM-610U-0623	5	2.8 mm	2300 mm	Middle	6 mm	23G = 0.6 mm	
NM-610U-1825	5	2.8 mm	2300 mm	Middle	1.8 mm	25G = 0.5 mm	
NM-610U-0425	5	2.8 mm	2300 mm	Middle	4 mm	25G = 0.5 mm	
NM-610U-0525	5	2.8 mm	2300 mm	Middle	5 mm	25G = 0.5 mm	
NM-610U-0625	5	2.8 mm	2300 mm	Middle	6 mm	25G = 0.5 mm	
NM-610U-1826	5	2.8 mm	2300 mm	Middle	1.8 mm	26G = 0.4 mm	
NM-610U-0426	5	2.8 mm	2300 mm	Middle	4 mm	26G = 0.4 mm	

Haemostasis

PolyLoop™

Single use ligation device



- For polyp ligation prior to polypectomy
- Prevents post-polypectomy bleeding
- Pre-loaded loop, ready to use
- Integral handle



Model number	Quantity	Minimum working channel Ø	Working length	Loop Ø	Area compatibility
HX-400U-30	5	2.8 mm	2300 mm	30 mm	

Coagrasper™

Single use electrical haemostasis forceps



- To support ESD with fast and reliable haemostasis
- Anti-slip construction to securely grasp bleeding points
- Simplified coagulation process during grasping
- Rotating function
- FD-410LR: For Esophageal ESD
- FD-412LR: For Gastric ESD
- FD-411QR/UR: For Colorectal ESD

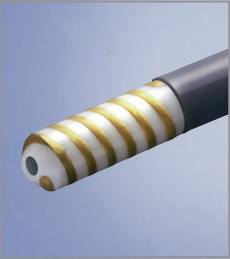


Model number	Qty. per box	Minimum working channel Ø	Working length	Opening width	Features	Area compatibility
FD-410LR	1	2.8 mm	1650 mm	5 mm	Rotatable, for gastroscopes only	
FD-412LR	1	2.8 mm	1650 mm	6.5 mm	Rotatable, for gastroscopes only	
FD-411QR	1	3.2 mm	1950 mm	4 mm	Rotatable, for I length colonoscopes only	
FD-411UR	1	3.2 mm	2300 mm	4 mm	Rotatable, for L length colonoscopes only	

Haemostasis

BiCoag™

BiCoag Probe



A Coaxial



B Fixed pin

- Bipolar Spiral Tip provides coagulation at virtually any angle
- Optimal Tubing Stiffness reduces kinking and transmits pressure to bleeding site
- Flushing port available for irrigation
- 2 choice of connectors



Model number	Qty. per box	Minimum working channel Ø	Working length	Type	Area compatibility
A CD-B610LA	1	3.7 mm	3500 mm	Flushing port in all specifications	
B CD-B612LA	1	3.7 mm	3500 mm		
A CD-B620LA	1	2.8 mm	3500 mm		
B CD-B622LA	1	2.8 mm	3500 mm		

EZDilate

Single Use Balloon Dilator



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Biliary & Pancreatic Procedures

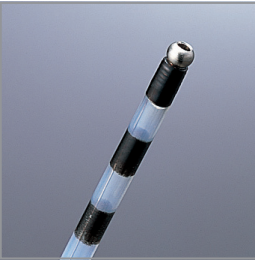
Reusable taper tip



- Tapered tip suitable for constricted papilla.
- Compatible with 0.021" guidewire

Model number	Qty. per box	Minimum working channel Ø	Working length	Distal tip Ø	Compatible guidewire	Tip shape	Area compatibility
PR-109Q-1	1	 2.2 mm	1950 mm	3.5 Fr.	0.021"	Tapered tip	

Reusable ball tip type



- Equipped with a ball tip for easier insertion into the papilla.
- A proximal sealing assembly enables easy and quick injection of contrast medium.

Model number	Qty. per box	Minimum working channel Ø	Working length	Distal tip Ø	Compatible guidewire	Tip shape	Area compatibility
PR-24Q-1	1	 2.8 mm	1950 mm	6 Fr.	0.035"	Ball tip	

Reusable four wire dormia basket



- 4 basket wires for standard size stones
- Stiffer wires which can be opened in the bile duct while maintaining its original shape, enabling easier stone capture
- Reusable type, more cost effective



Model number	Qty. per box	Minimum working channel Ø	Working length	Basket opening width	Features	Area compatibility
FG-18Q-1	1	 2.2 mm	1950 mm	22 mm	Soft basket type	
FG-22Q	1	 2.8 mm	1950 mm	22 mm	Hard basket type	

Biliary & Pancreatic Procedures

Reusable eight wire dormia basket

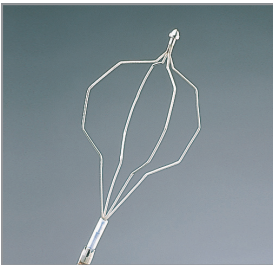


- 8 basket wires for smaller size stones
- Stiffer wires which can be opened in the bile duct while maintaining its original shape, enabling easier stone capture
- Reusable type, more cost effective



Model number	Qty. per box	Minimum working channel Ø	Working length	Basket opening width	Features	Area compatibility
FG-301Q	1	 2.8 mm	1950 mm	20 mm	Hard basket type	

Reusable Basket Mechanical Lithotripter



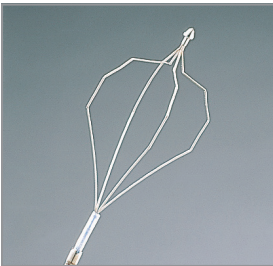
BML-3Q

- The double sheath construction consists of a stainless steel outer sheath and a Teflon® inner sheath
- This design both facilities insertion into the bile duct and improves grasping of the calculus.
- Safe operation of this lithotripter is enhanced by utilizing an operating design similar to standard basket type grasping forceps.
- The improved four-sided basket better retains its shape in the open position to more easily trap calculus.
- MAJ-242 + MAJ-243 + MAJ-244 = BML-3Q



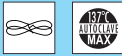
Model number	Qty. per box	Minimum working channel Ø	Opening width	Description	Type	To use with	Area compatibility
MAJ-242	1	 4.2 mm	-	Coil sheath	Reusable	MAJ-440 (Handle)	
MAJ-243	1	 4.2 mm	-	Tube sheath	Reusable		
MAJ-244	1	-	30 mm	Basket wire	Single use		

Reusable Basket Mechanical Lithotripter



BML-4Q

- The double sheath construction consists of a stainless steel outer sheath and a Teflon® inner sheath
- This design both facilities insertion into the bile duct and improves grasping of the calculus.
- Safe operation of this lithotripter is enhanced by utilizing an operating design similar to standard basket type grasping forceps.
- The improved four-sided basket better retains its shape in the open position to more easily trap calculus.
- MAJ-245 + MAJ-246 + MAJ-247 = BML-4Q



Model number	Qty. per box	Minimum working channel Ø	Opening width	Description	Type	To use with	Area compatibility
MAJ-245	1	 3.2 mm	-	Coil sheath	Reusable	MAJ-440 (Handle)	
MAJ-246	1	 3.2 mm	-	Tube sheath	Reusable		
MAJ-247	1	-	30 mm	Basket wire	Single use		

Biliary & Pancreatic Procedures

LithoCrushV™

Reusable handle for BML-3/4Q



- Reusable and autoclavable
- Compatible with BML-3/4Q mechanical lithotripter



Model number	Qty. per box	To use with all the above models	Area compatibility
MAJ-440	1	BML-3Q & BML-4Q	

Reusable emergency lithotripter



A BML-110A-1



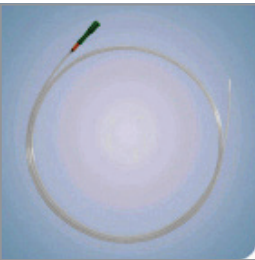
B MAJ-403

- To assist in situations when baskets become impacted
- Set consists of a metal coil sheath (MAJ- 403) and a handle
- Compatible with:
 - ✓ All reusable BML-3/4Q
 - ✓ All single use Lithocrush V-BML
 - ✓ All single use FG baskets
 - ✓ All reusable FG-22Q/301Q baskets



Model number	Qty. per box	Working length	Features	Area compatibility
A BML-110A-1	1 set	900 mm	Handle and coil sheath	
B MAJ-403	1 sheath	900 mm	Sheath	

Reusable 7 Fr. stent insertion kit



- Pusher tube



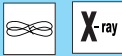
Model number	Qty.	Minimum working channel Ø	Working length	Stent size	Compatible guidewire	Area compatibility
MAJ-348	1	 2.8 mm	1600 mm	7 Fr.	0.035"	

Biliary & Pancreatic Procedures

Reusable 8.5 Fr. conventional stent insertion kit



- Radiopaque tip
- Excellent insertability
- Kit contains a guide catheter and a pusher tube



Model number	Qty.	Minimum working channel Ø	Working length	Stent size	Compatible guidewire	Area compatibility
MAJ-508	1	 3.2 mm	1600 mm	8.5 Fr.	0.035"	

Reusable 10 Fr. conventional stent insertion kit



- Radiopaque tip
- Excellent insertability
- Kit contains a guide catheter and a pusher tube



Model number	Qty.	Minimum working channel Ø	Working length	Stent size	Compatible guidewire	Area compatibility
MAJ-255	1	 3.7 mm	1600 mm	10 Fr.	0.035"	

Reusable 12 Fr. conventional stent insertion kit



- Radiopaque tip
- Excellent insertability
- Kit contains a guide catheter and a pusher tube



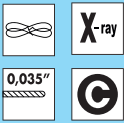
Model number	Qty.	Minimum working channel Ø	Working length	Stent size	Compatible guidewire	Area compatibility
MAJ-256	1	 4.2 mm	1600 mm	12 Fr.	0.035"	

Biliary & Pancreatic Procedures

Reusable 8.5 Fr. one-action stent insertion kit



- Radiopaque tip
- Excellent insertability
- Kit contains a guide catheter and a pusher tube

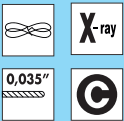


Model number	Qty.	Minimum working channel Ø	Working length	Stent size	Compatible guidewire	Area compatibility
MAJ-509	1	 3.2 mm	1550 mm	8.5 Fr.	0.035"	

Reusable 10 Fr. one-action stent insertion kit



- Radiopaque tip
- Excellent insertability
- Kit contains a guide catheter and a pusher tube

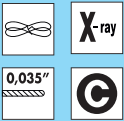


Model number	Article number	Qty.	Minimum working channel Ø	Working length	Stent size	Compatible guidewire	Area compatibility
MAJ-510	026515	1	 3.7 mm	1550 mm	10 Fr.	0.035"	

Reusable 12 Fr. one-action stent insertion kit



- Radiopaque tip
- Excellent insertability
- Kit contains a guide catheter and a pusher tube



Model number	Article number	Qty.	Minimum working channel Ø	Working length	Stent size	Compatible guidewire	Area compatibility
MAJ-511	026516	1	 4.2 mm	1550 mm	12 Fr.	0.035"	

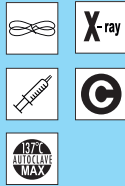
Biliary & Pancreatic Procedures

SwingJaw™

Reusable rat tooth SwingJaw™ biopsy forceps

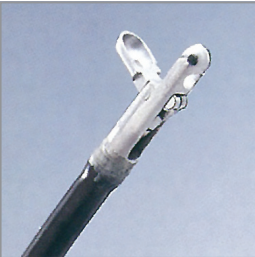


- Rat tooth for anchorage
- SwingJaw aids biopsy during tangential approach
- Preformable distal portion
- Insulated sheath
- Flushing port/luer lock adaptor (FB-40Q-1 only)
- Fenestrated cups for larger biopsies



Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
FB-39Q-1	1	 2.2 mm	1950 mm		
FB-40Q-1	1	 2.8 mm	1950 mm	Luer-lock connector to allow for infusion of contrast medium	

Reusable one sided opening cup biopsy forceps



- One static cup for greater control
- For biliary and pancreatic biopsies
- Preformable distal portion
- Insulated sheath
- Flushing port/luer lock adaptor
- Fenestrated cups for larger biopsies



Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
FB-45Q-1	1	 2.2 mm	1950 mm	Single moving cup	
FB-46Q-1	1	 2.2 mm	1950 mm	Single moving rat tooth cup for anchorage	

Reusable round cup biopsy forceps



- For routine biopsy
- Rounds cups with fenestrations
- Minimal tissue damage



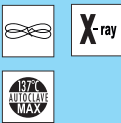
Model number	Qty. per box	Minimum working channel Ø	Working length	Area compatibility
FB-26N-1	1	 2.8 mm	1800 mm	

Biliary & Pancreatic Procedures

Reusable rat tooth biopsy forceps



- Minimal tissue damage
- For biopsies through baby scope



Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
FB-38W-1	1	1.7 mm	2500 mm	Fenestrated, with rat tooth	

Reusable stent removal forceps



- Purpose designed for the easy removal of stents
- Rotatable for easy positioning
- Strong grasping



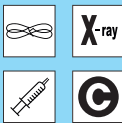
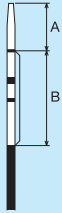
Model number	Qty. per box	Minimum working channel Ø	Working length	Opening width	Area compatibility
FG-14P-1	1	2.0 mm	1900 mm	3.0 mm	
FG-44NR-1	1	2.8 mm	1800 mm	6.9 mm	

Biliary & Pancreatic Procedures

Reusable stabiliser sphincterotomes - pull type



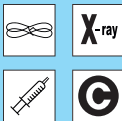
- Stabiliser to maintain orientation
- Distal marking system to aid sphincterotomy
- Sphincterotome to be combined with a KD-handle (MH-263)



Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Cutting wire (B)	Distal tip length (A)	Area compatibility
KD-16Q-1	2	2.2 mm	1950 mm	Also suitable for pre-cut	20 mm	0 mm	
KD-17Q-1	2	2.2 mm	1950 mm	Also suitable for pre-cut	30 mm	0 mm	
KD-18Q-1	2	2.2 mm	1950 mm	-	20 mm	7 mm	
KD-19Q-1	2	2.2 mm	1950 mm	-	25 mm	7 mm	
KD-20Q-1	2	2.2 mm	1950 mm	-	30 mm	7 mm	
KD-21Q-1	2	2.2 mm	1950 mm	-	35 mm	7 mm	
KD-22Q-1	2	2.2 mm	1950 mm	-	30 mm	15 mm	

Reusable stabiliser sphincterotomes - pull type





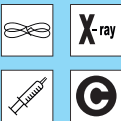
Model number	Qty. per box	Minimum working channel Ø	Working length	Cutting wire (B)	Distal tip length (A)	Area compatibility
KD-30Q-1	2	2.2 mm	1950 mm	20 mm	2 mm	

Biliary & Pancreatic Procedures

Reusable stabiliser sphincterotomes - push/pull type

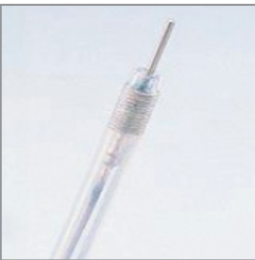


- Stabiliser to maintain orientation
- Distal marking system to aid sphincterotomy
- Suitable for Billroth II patients
- Sphincterotome to be combined with a KD-handle (MH-263)

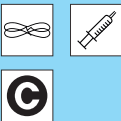


Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Cutting wire (B)	Distal tip length (A)	Area compatibility
KD-27Q-1	2	2.2 mm	1950 mm	Push type	15 mm	6 mm	
KD-28Q-1	2	2.2 mm	1950 mm	Push/pull-type	20 mm	6 mm	

Reusable pre-cut needle knives



- Available in either needle or flat versions
- Knife to be combined with a handle (MH-263)



Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
KD-10Q-1	2	2.2 mm	1950 mm	4mm retractable needle	
KD-11Q-1	2	2.2 mm	1950 mm	4mm retractable spatula	

StarTip2V™

V-System single use double lumen cannula



PR-V614M

- Double lumen catheter with smooth distal profile
- Excellent visibility under fluoroscopy
- Integrated C-Hook, V-Sheath and V-Marking



Model number	Qty. per box	Minimum working channel Ø	Working length	Distal tip Ø	Compatible guidewire	Tip shape	Area compatibility
PR-V614M	1	2.8 mm	1700 mm	4.5 Fr.	0.035"	Short tapered	

X-PressV™ StarTipV™

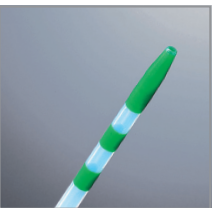
V-System single Use Cannula



A PR-V414Q



B PR-V416Q



C PR-V418Q



D PR-V420Q



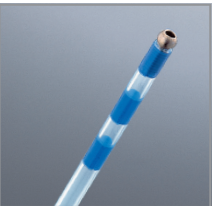
E PR-V427Q



F PR-V434Q



G PR-V435Q



H PR-V223Q

- New improved catheter
- Smooth distal profile
- Excellent visibility under fluoroscopy
- Integrated C-Hook and V-Marking



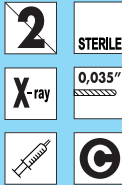
Model number	Qty. per box	Minimum working channel Ø	Working length	Distal tip Ø	Compatible guidewire	Tip shape	Area compatibility
A PR-V414Q	1	2.2 mm	1950 mm	4.5 Fr.	0.035"	Short tapered	
B PR-V416Q	1	2.2 mm	1950 mm	4 Fr.	0.035"	Standard type	
C PR-V418Q	1	2.2 mm	1950 mm	3.5 Fr.	0.025"	Short tapered	
D PR-V420Q	1	2.2 mm	1950 mm	3.5 Fr.	0.025"	Long tapered	
E PR-V427Q	1	2.2 mm	1950 mm	2.5 Fr.	0.035"	Round with cross slit	
F PR-V434Q	1	2.2 mm	1950 mm	4 Fr.	0.035"	Tapered	
G PR-V435Q	1	2.2 mm	1950 mm	3.5 Fr.	0.025"	Tapered	
H PR-V223Q	1	2.8 mm	1950 mm	6 Fr.	0.035"	Metal ball tip	

SwingTip™

Single use cannula for selective cannulation



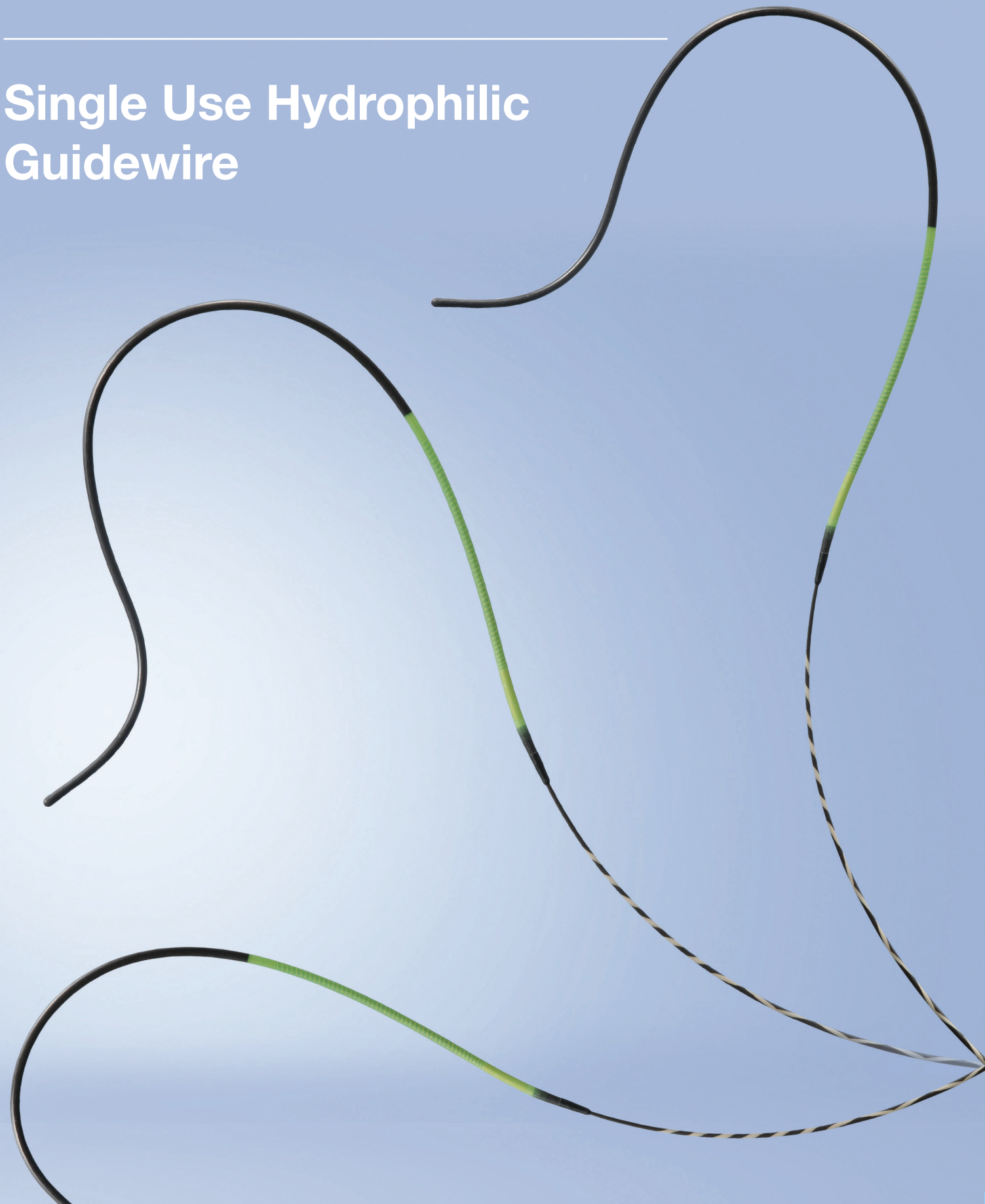
- Unique bendable tip for selective cannulation in the left & right hepatic and difficult cases
- Integrated ring handle enable 2-way angulation capability - 90° up, 30° down
- Excellent visibility under fluoroscopy



Model number	Qty. per box	Minimum working channel Ø	Working length	Distal tip Ø	Endoscope	Compatible guidewire	Area compatibility
PR-233Q	1	3.2 mm	1950 mm	4 Fr.	★ Recommended for difficult case	0.035"	

VisiGlide2

Single Use Hydrophilic Guidewire



Biliary & Pancreatic Procedures

VisiGlide™

Single use hydrophilic guidewire

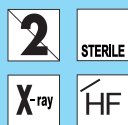


A Straight Type



B Angled Type

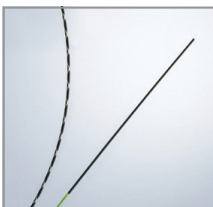
- Innovative 0.025" guidewire concept
- 70 mm highly flexible tip for excellent passability
- Optimal stiffness for 0.025" diameter, for therapeutic instrument exchange
- Special fluorine coating for effortless manipulation
- One-to-one torqueability
- Exceptional endoscopic and fluoroscopic visibility
- Innovative measurement functions



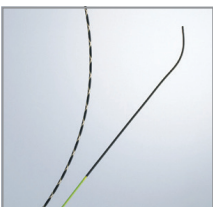
Model number	Outer diameter	Working length	Shape of distal tip	Hydrophilic coating length		Area compatibility
A G-240-2527S	0.025 mm	2700 mm	Straight	70 mm		
B G-240-2527A	0.025 mm	2700 mm	Angled	70 mm		
A G-240-2545S	0.025 mm	4500 mm	Straight	70 mm		
B G-240-2545A	0.025 mm	4500 mm	Angled	70 mm	★ Recommended for difficult case	
A G-240-3527S	0.035 mm	2700 mm	Straight	70 mm		
B G-240-3527A	0.035 mm	2700 mm	Angled	70 mm		
A G-240-3545S	0.035 mm	4500 mm	Straight	70 mm		
B G-240-3545A	0.035 mm	4500 mm	Angled	70 mm		

Single use hydrophilic guidewire

VisiGlide 2™

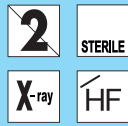


A Straight Type



B Angled Type

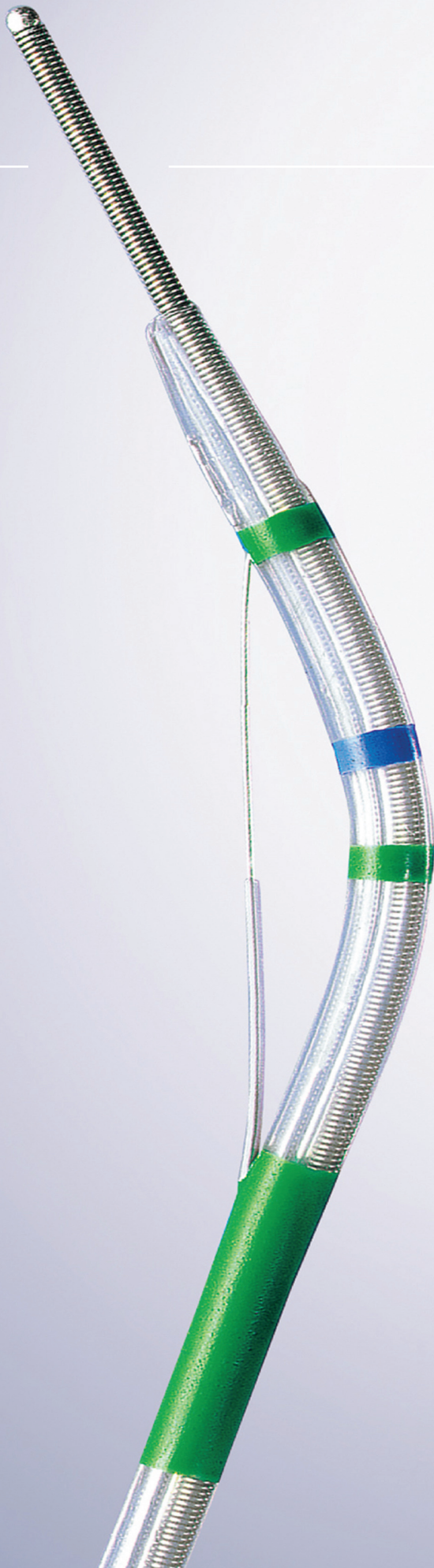
- Innovative 0.025" with improved tip structure for difficult cannulation
- Optimal stiffness for 0.025" diameter, for therapeutic instrument exchange
- Angle design is optimized to have perfect insert-ability through narrow and/or curved branch and tight strictures
- Special fluorine coating for effortless manipulation
- One-to-one torqueability
- Exceptional endoscopic and fluoroscopic visibility
- Innovative measurement functions



Model number	Outer diameter	Working length	Shape of distal tip	Hydrophilic coating length		Area compatibility
A G-260-2527S	0.025 mm	2700 mm	Straight	70 mm		
B G-260-2527A	0.025 mm	2700 mm	Angled	70 mm		
A G-260-2545S	0.025 mm	4500 mm	Straight	70 mm		
B G-260-2545A	0.025 mm	4500 mm	Angled	70 mm	★ Recommended for difficult case	
A G-260-3527S	0.035 mm	2700 mm	Straight	70 mm		
B G-260-3527A	0.035 mm	2700 mm	Angled	70 mm		
A G-260-3545S	0.035 mm	4500 mm	Straight	70 mm		
B G-260-3545A	0.035 mm	4500 mm	Angled	70 mm		

CleverCut3V™

V-System single use triple lumen sphincterotome



Biliary & Pancreatic Procedures

CleverCut2V™

V-System single use double lumen sphincterotomes



- C-Hook enables cannula to be attached on to either the V-Holder™ or the endoscope control handle
- Unique safety coating
- Stable cutting wire orientation
- Excellent visibility under fluoroscopy
- Friction handle maintains bow
- Pre-curved design



Model number	Qty. per box	Minimum working channel Ø	Working length	Distal tip Ø	Distal tip length (A)	Cutting wire (B)	Compatible guidewire	Area compatibility
KD-V211M-0720	1	2.8 mm	1700 mm	4.5 Fr.	7 mm	20 mm	0.035"	
KD-V211M-0725	1	2.8 mm	1700 mm	4.5 Fr.	7 mm	25 mm	0.035"	
KD-V211M-0730	1	2.8 mm	1700 mm	4.5 Fr.	7 mm	30 mm	0.035"	
KD-V211M-1520	1	2.8 mm	1700 mm	4.5 Fr.	15 mm	20 mm	0.035"	
KD-V211M-1530	1	2.8 mm	1700 mm	4.5 Fr.	15 mm	30 mm	0.035"	
KD-V211M-3030	1	2.8 mm	1700 mm	4.5 Fr.	30 mm	30 mm	0.035"	

CleverCut3V™

V-System single use triple lumen sphincterotomes



- C-Hook enables the sphincterotome to be attached on to either the V-Holder™ or the endoscope control handle
- Separate lumens for guidewire, cutting wire and injection of contrast medium
- Unique safety coating
- Stable cutting wire orientation
- Excellent visibility under fluoroscopy
- Friction handle maintains bow
- Pre-curved design



Model number	Qty. per box	Minimum working channel Ø	Working length	Distal tip Ø	Distal tip length (A)	Cutting wire (B)	Compatible guidewire	Area compatibility
KD-V411M-0320	1	2.8 mm	1700 mm	4.5 Fr.	3 mm	20 mm	0.035"	
KD-V411M-0330	1	2.8 mm	1700 mm	4.5 Fr.	3 mm	30 mm	0.035"	
KD-V411M-0720	1	2.8 mm	1700 mm	4.5 Fr.	7 mm	20 mm	0.035"	
KD-V411M-0725 ★	1	2.8 mm	1700 mm	4.5 Fr.	7 mm	25 mm	0.035"	
KD-V411M-0730	1	2.8 mm	1700 mm	4.5 Fr.	7 mm	30 mm	0.035"	
KD-V411M-1520	1	2.8 mm	1700 mm	4.5 Fr.	15 mm	20 mm	0.035"	
KD-V411M-1530	1	2.8 mm	1700 mm	4.5 Fr.	15 mm	30 mm	0.035"	
KD-V411M-3030	1	2.8 mm	1700 mm	4.5 Fr.	30 mm	30 mm	0.035"	
KD-V431M-0720	1	2.8 mm	1700 mm	4.0 Fr.	7 mm	20 mm	0.025"	
KD-V431M-0730	1	2.8 mm	1700 mm	4.0 Fr.	7 mm	30 mm	0.025"	

★ Recommended model

Single-Use Sphincteroplasty Balloon With Knife



- Large multi-size balloon diameter range 12 - 15 - 18 mm
- Optimal balloon length of 40 mm
- Transparent balloon material with rounded edges
- Endoscopic center balloon marker
- Radiopaque markers on balloon and sphincterotome
- C-Channel and distal wire-guided design
- Separate lumen for guidewire, cutting-wire and contrast injection
- Unique CleverCut safety coating
- (*) With a TJF-160 / 180 only

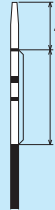


Model number	Qty. per box	Minimum working channel Ø	Working length	Distal tip Ø	Compatible Guidewire	Cutting Wire	Distal Tip Length	Area compatibility
BD-VC431Q-1840-20	1	3.7 mm	1950 mm	4.4 Fr	0.035" (*)	20 mm	7 mm	
BD-VC431Q-1840-25	1	3.7 mm	1950 mm	4.4 Fr	0.035" (*)	25 mm	7 mm	
BD-VC431Q-1840-30	1	3.7 mm	1950 mm	4.4 Fr	0.035" (*)	30 mm	7 mm	

Single use triple lumen sphincterotomes



- Separate lumens for guidewire, cutting wire and injection of contrast medium
- Stable orientation of the cutting wire
- Distal marking system to aid sphincterotomy
- Excellent visibility under fluoroscopy
- Pre-curved tip



Model number	Qty. per box	Minimum working channel Ø	Working length	Distal tip length (A)	Cutting wire (B)	Distal tip Ø	Type	Area compatibility
KD-401Q-0320	1	2.8 mm	1950 mm	3 mm	20 mm	5.5 Fr	Regular	
KD-401Q-0330	1	2.8 mm	1950 mm	3 mm	30 mm	5.5 Fr	Regular	
KD-401Q-0720	1	2.8 mm	1950 mm	7 mm	20 mm	5.5 Fr	Regular	
KD-401Q-0725	1	2.8 mm	1950 mm	7 mm	25 mm	5.5 Fr	Regular	
KD-401Q-0730	1	2.8 mm	1950 mm	7 mm	30 mm	5.5 Fr	Regular	
KD-401Q-0735	1	2.8 mm	1950 mm	7 mm	35 mm	5.5 Fr	Regular	
KD-411Q-0320	1	2.8 mm	1950 mm	3 mm	20 mm	5.5 Fr	CleverCut Coating	
KD-411Q-0720	1	2.8 mm	1950 mm	7 mm	20 mm	5.5 Fr	CleverCut Coating	
KD-411Q-0730	1	2.8 mm	1950 mm	7 mm	30 mm	5.5 Fr	CleverCut Coating	
KD-411Q-0735	1	2.8 mm	1950 mm	7 mm	35 mm	5.5 Fr	CleverCut Coating	
KD-431Q-0720	1	2.8 mm	1950 mm	7 mm	20 mm	5.0 Fr	CleverCut Coating with Tapered Tip	
KD-431Q-0730	1	2.8 mm	1950 mm	7 mm	30 mm	5.0 Fr	CleverCut Coating with Tapered Tip	

V-System single use triple lumen needle knives

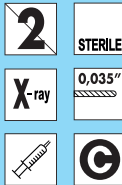


A KD-V441M



B KD-V451M

- Unique safety coating (with KD-V451M only)
- Separate lumens for guidewire, cutting wire and injection of contrast medium
- Excellent visibility under fluoroscopy
- Pre-Curved and tapered tip
- Integrated C-Hook, V-Sheath and VMarking



Model number	Qty. per box	Minimum working channel Ø	Working length	Distal tip Ø	Needle diameter	Needle length	Length of uncoated needle	Compatible guidewire	Area compatibility
A KD-V441M	1	2.8 mm	1700 mm	5 Fr.	0.2 mm	5 mm	-	0.035"	
B KD-V451M ★	1	2.8 mm	1700 mm	5 Fr.	0.2 mm	5 mm	3 mm	0.035"	

★ Recommended model

NeedleCut3V™

Biliary & Pancreatic Procedures

Multi-3V Plus™

V-System single use triple lumen stone extraction balloons



- Multiple sizing balloon
- Pre-calibrated syringes for reliable inflation
- Excellent visibility under fluoroscopy
- Excellent balloon durability
- Strong balloon sheath to remove stone
- Injection placement below balloon are available



Model number	Qty. per box	Minimum working channel Ø	Working length	balloon diameter	Injection placement	Sheath design	Distal tip Ø	Area compatibility
B-V232P-A ★	1	2.8 mm	1900 mm	8.5 /11.5 / 15 mm	Above	Over the wire	5.5 Fr.	
B-V242Q-A	1	3.2 mm	1950 mm	8.5 /11.5 / 15 mm	Above	Distal wire guided	5.5 Fr.	
B-V432P-A ★	1	3.2 mm	1900 mm	15/18/20 mm	Above	Over the wire	5.5 Fr.	
B-V442Q-A	1	3.2 mm	1950 mm	15/18/20 mm	Above	Distal wire guided	5.5 Fr.	

★ Recommended model

V-System single use stone eight wire extraction baskets

FlowerBasketV™



A FG-V421PR



B FG-V431P

- Unique 8-wire design for small stones and sludge
- Rotatable version enables stones to be captured easily
- Wire-guided version enables easier passage beyond the stone
- Compatible with emergency lithotripter (BML-110A-1)
- Integrated C-Hook and V-Marking



Model number	Qty. per box	Minimum working channel Ø	Working length	Basket opening width	Features	Compatible guidewire	Area compatibility
A FG-V421PR	1	2.8 mm	1900 mm	20 mm	Rotatable type	-	
B FG-V431P	1	3.7 mm	1900 mm	20 mm	Distal wire guided	0.035"	

V-System single use four wire stone extraction baskets

TetraCatchV™

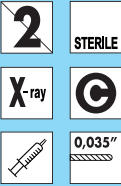


A FG-V422PR



B FG-V432P

- 4-wire design for standard size stones
- Rotatable version enables stones to be captured easily
- Wire-guided version enables easier passage beyond the stone
- Compatible with emergency lithotripter (BML-110A-1)
- Integrated C-Hook and V-Marking

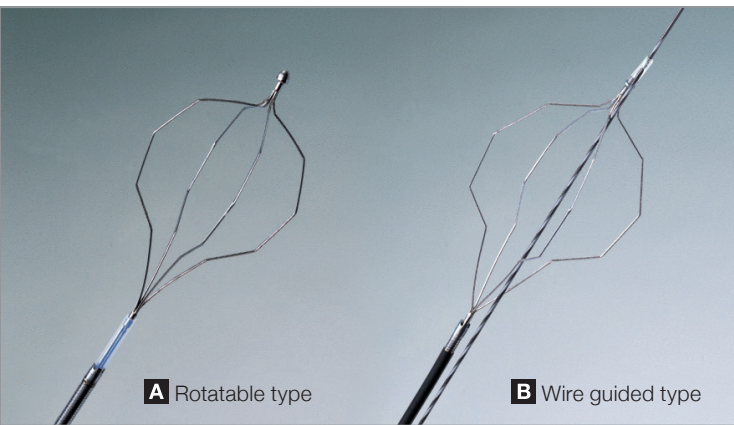


Model number	Qty. per box	Minimum working channel Ø	Working length	Basket opening width	Features	Compatible guidewire	Area compatibility
A FG-V422PR	1	2.8 mm	1900 mm	22 mm	Rotatable type	-	
B FG-V432P	1	3.7 mm	1900 mm	22 mm	Distal wire guided	0.035"	

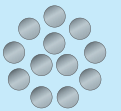
Biliary & Pancreatic Procedures

LithoCrushV™

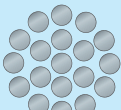
V-System single use mechanical lithotriptors



Wire-constructed cross section



Standard type

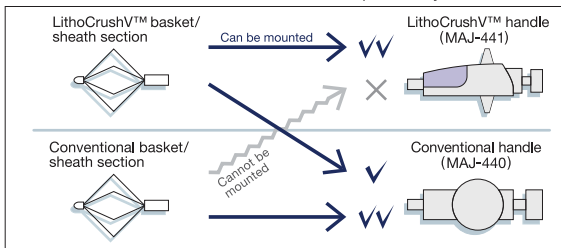


Hard type



- Unique double sheath to aid cannulation
- Quick and effective crushing with strong wire memory
- Available in different basket specifications
- Rotatable basket
- Wire-guided version enables easier passage beyond the stone intra-hepatic duct
- To combine with a V-BML handle (MAJ-441)
- Compatible with emergency lithotripter (BML-110A-1)

Handle and basket/sheath section compatibility



Model number	Qty. per box	Minimum working channel Ø	Working length	Basket opening width	Features	Compatible guidewire	Basket wire type	Area compatibility
A BML-V242QR-30 ★	1	4.2 mm	1950 mm	30 mm	Rotatable	-	Hard	
A BML-V237QR-30	1	3.7 mm	1900 mm	30 mm	Rotatable	-	Hard	
A BML-V232QR-30	1	3.2 mm	1900 mm	30 mm	Rotatable	-	Standard	
A BML-V232QR-26	1	3.2 mm	1900 mm	26 mm	Rotatable	-	Standard	
B BML-V437QR-30	1	3.7 mm	1900 mm	30 mm	Wireguided type	0.035"	Standard	
B BML-V442QR-30 ★	1	4.2 mm	1900 mm	30 mm	Wireguided type	0.035"	Hard	

★ Recommended model

Reusable handle for LithocrushV™



- Basket rotation mechanism
- Easy attachment to sheath
- Ratchet prevents loss of traction on the stone
- Easy application of pressure using T-lever design
- MAJ-441 Handle is reusable, more cost effective



Model number	Qty. per box	To use with the following models	Area compatibility
MAJ-441	1	BML-V242 / 237 / 232 / 437 / 442QR - 26 / 30	

Biliary & Pancreatic Procedures

V-System single use cytology brush



- Dual radiopaque markers for increased control
- Distal wire guided design, compatible with a variety of guidewires
- New brush-locking function

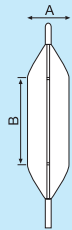


Model number	Qty. per box	Minimum working channel Ø	Working length	Brush diameter	Brush length	Sheath design	Area compatibility
BC-V600P-3010	1	3.2 mm	1900 mm	30 mm	10 mm	distal wireguided	

Single use high pressure biliary balloon dilators



- For biliary dilatation and sphincteroplasty
- Quick deflation time
- Low profile for easy insertion
- High pressure balloons - up to 12 ATM
- Radiopaque markers



Model number	Qty. per box	Minimum working channel Ø	Working length	Outer Ø (A)	Balloon length (B)	Area compatibility
B-400N-0420	1	2.8 mm	1800 mm	4 mm	20 mm	
B-400N-0440	1	2.8 mm	1800 mm	4 mm	40 mm	
B-400N-0620	1	2.8 mm	1800 mm	6 mm	20 mm	
B-400N-0640	1	2.8 mm	1800 mm	6 mm	40 mm	
B-400N-0830	1	2.8 mm	1800 mm	8 mm	30 mm	

* In some areas, these items are not available

Single use inflation device for balloon dilators



- For inflation/deflation of balloon dilators
- Integral pressure gauge for precise control



Model number	Qty. per box	To use with	Area compatibility
MAJ-1381	1	B-400N-0420 / 0440 / 0620 / 0640 / 0830	

* In some areas, these items are not available

Biliary & Pancreatic Procedures

EZDilate™

Single-use Fixed-wire Three Stage Esophageal Balloon Dilators

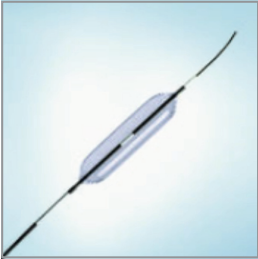


- Fixed-wire esophageal balloon dilator
- Multi size dilation function
- Rounded balloon edges, transparent material
- Center balloon visual marker
- Radiopaque markers (proximal and distal ends)
- Rapid insertion and retrieval time

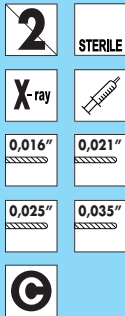


Model number	Qty. per box	Minimum working channel Ø	Inflated Outer	Balloon length (B)	Inflation Pressure	Area compatibility
BD-400P-0880	1	2.8 mm	6.0 - 7.0 - 8.0 mm	90 mm	2.0 - 5.6 - 9.6 bar	
BD-400P-1080	1	2.8 mm	8.5 - 9.5 - 10.5 mm	90 mm	2.0 - 5.6 - 9.6 bar	
BD-400P-1380	1	2.8 mm	11.0 - 12.0 - 13.0 mm	80 mm	2.0 - 3.5 - 5.6 bar	
BD-400P-1580	1	2.8 mm	13.5 - 14.5 - 15.5 mm	80 mm	2.5 - 4.1 - 6.1 bar	
BD-400P-1880	1	2.8 mm	16.0 - 17.0 - 18.0 mm	80 mm	2.5 - 4.1 - 5.6 bar	
BD-400P-2080	1	2.8 mm	18.0 - 19.0 - 20.0 mm	80 mm	2.5 - 3.5 - 5.1 bar	

Single-use Wire-guided Three Stage Esophageal, Pyloric, Colonic and Biliary Balloon Dilators



- Wire-guided esophageal balloon dilator
- Multi size dilation function
- Rounded balloon edges, transparent material
- Center balloon visual marker
- Radiopaque markers (proximal and distal ends)
- Rapid insertion and retrieval time



Model number	Qty. per box	Minimum working channel Ø	Inflated Outer	Balloon length (B)	Inflation Pressure	Area compatibility
BD-410X-0855	1	2.8 mm	6.0 - 7.0 - 8.0 mm	65 mm	2.0 - 5.6 - 9.6 bar	
BD-410X-1055	1	2.8 mm	8.5 - 9.5 - 10.5 mm	65 mm	2.0 - 5.6 - 9.6 bar	
BD-410X-1355	1	2.8 mm	11.0 - 12.0 - 13.0 mm	55 mm	2.0 - 3.5 - 5.6 bar	
BD-410X-1555	1	2.8 mm	13.5 - 14.5 - 15.5 mm	55 mm	2.5 - 4.1 - 6.1 bar	
BD-410X-1855	1	2.8 mm	16.0 - 17.0 - 18.0 mm	55 mm	2.5 - 4.1 - 5.6 bar	
BD-410X-2055	1	2.8 mm	18.0 - 19.0 - 20.0 mm	55 mm	2.5 - 3.5 - 5.1 bar	

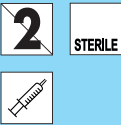
Biliary & Pancreatic Procedures

EZDilate™

Single-use Inflation Device for EZDilate Endoscopic Balloon Dilators



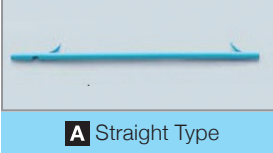
- For inflation / deflation of EZDilate Balloon Dilators
- All-in-one Pump



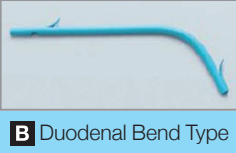
Model number	Qty. per box	Max. Pressure	Syringe Volume
MAJ-1740	1	15 atm (bar)	60 ml (cc)

Biliary & Pancreatic Procedures

7 Fr. Ethylene Vinyl Acetate Biliary Plastic Stents



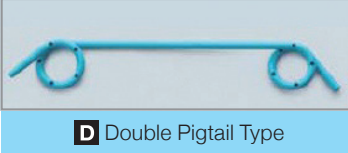
A Straight Type



B Duodenal Bend Type

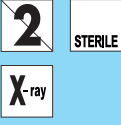


C Centre Bend Type



D Double Pigtail Type

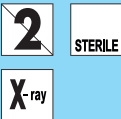
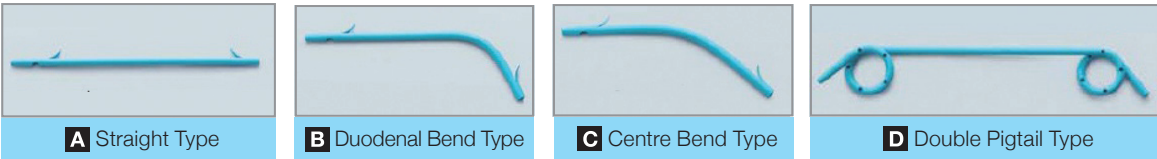
- Radiopaque for superior visibility
- Soft material and maximized inner lumen design provide optimal flexibility to maintain drainage capability
- Tapered design with smooth surface supports cannulation
- Flaps and side holes prevents stent migration and minimizes risk of clogging



Model number	Qty. per box	Minimum working channel Ø	Stent size	Length between side flaps	Type	Area compatibility
A PBD-1030-0705	1	2.8 mm	7 Fr.	50 mm	Straight	
A PBD-1030-0706	1	2.8 mm	7 Fr.	60 mm	Straight	
A PBD-1030-0707	1	2.8 mm	7 Fr.	70 mm	Straight	
A PBD-1030-0708	1	2.8 mm	7 Fr.	80 mm	Straight	
A PBD-1030-0709	1	2.8 mm	7 Fr.	90 mm	Straight	
A PBD-1030-0710	1	2.8 mm	7 Fr.	100 mm	Straight	
A PBD-1030-0711	1	2.8 mm	7 Fr.	110 mm	Straight	
A PBD-1030-0712	1	2.8 mm	7 Fr.	120 mm	Straight	
A PBD-1030-0713	1	2.8 mm	7 Fr.	130 mm	Straight	
A PBD-1030-0714	1	2.8 mm	7 Fr.	140 mm	Straight	
A PBD-1030-0715	1	2.8 mm	7 Fr.	150 mm	Straight	
A PBD-1030-0716	1	2.8 mm	7 Fr.	160 mm	Straight	
A PBD-1030-0717	1	2.8 mm	7 Fr.	170 mm	Straight	
A PBD-1030-0718	1	2.8 mm	7 Fr.	180 mm	Straight	
B PBD-1031-0705	1	2.8 mm	7 Fr.	50 mm	Duodenal Bend	
B PBD-1031-0707	1	2.8 mm	7 Fr.	70 mm	Duodenal Bend	
B PBD-1031-0709	1	2.8 mm	7 Fr.	90 mm	Duodenal Bend	
B PBD-1031-0711	1	2.8 mm	7 Fr.	110 mm	Duodenal Bend	
B PBD-1031-0712	1	2.8 mm	7 Fr.	120 mm	Duodenal Bend	
B PBD-1031-0713	1	2.8 mm	7 Fr.	130 mm	Duodenal Bend	
B PBD-1031-0715	1	2.8 mm	7 Fr.	150 mm	Duodenal Bend	
B PBD-1031-0718	1	2.8 mm	7 Fr.	180 mm	Duodenal Bend	
C PBD-1032-0705	1	2.8 mm	7 Fr.	50 mm	Centre Bend	

Biliary & Pancreatic Procedures

7 Fr. Ethylene Vinyl Acetate Biliary Plastic Stents

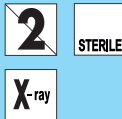
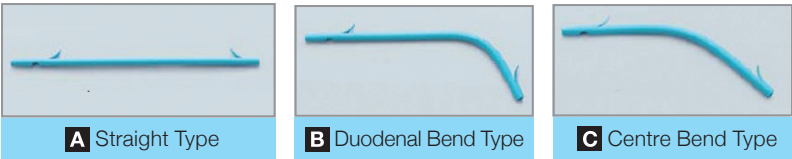


- Radiopaque for superior visibility
- Soft material and maximized inner lumen design provide optimal flexibility to maintain drainage capability
- Tapered design with smooth surface supports cannulation
- Flaps and side holes prevents stent migration and minimizes risk of clogging

Model number	Qty. per box	Minimum working channel Ø	Stent size	Length between side flaps	Type	Area compatibility
C PBD-1032-0706	1	 2.8 mm	7 Fr.	60 mm	Centre Bend	
C PBD-1032-0707	1	 2.8 mm	7 Fr.	70 mm	Centre Bend	
C PBD-1032-0708	1	 2.8 mm	7 Fr.	80 mm	Centre Bend	
C PBD-1032-0709	1	 2.8 mm	7 Fr.	90 mm	Centre Bend	
C PBD-1032-0710	1	 2.8 mm	7 Fr.	100 mm	Centre Bend	
C PBD-1032-0711	1	 2.8 mm	7 Fr.	110 mm	Centre Bend	
C PBD-1032-0712	1	 2.8 mm	7 Fr.	120 mm	Centre Bend	
C PBD-1032-0713	1	 2.8 mm	7 Fr.	130 mm	Centre Bend	
C PBD-1032-0714	1	 2.8 mm	7 Fr.	140 mm	Centre Bend	
C PBD-1032-0715	1	 2.8 mm	7 Fr.	150 mm	Centre Bend	
C PBD-1032-0716	1	 2.8 mm	7 Fr.	160 mm	Centre Bend	
C PBD-1032-0717	1	 2.8 mm	7 Fr.	170 mm	Centre Bend	
C PBD-1032-0718	1	 2.8 mm	7 Fr.	180 mm	Centre Bend	
D PBD-1033-0703	1	 2.8 mm	7 Fr.	30 mm	Double pigtail	
D PBD-1033-0704	1	 2.8 mm	7 Fr.	40 mm	Double pigtail	
D PBD-1033-0705	1	 2.8 mm	7 Fr.	50 mm	Double pigtail	
D PBD-1033-0706	1	 2.8 mm	7 Fr.	60 mm	Double pigtail	
D PBD-1033-0707	1	 2.8 mm	7 Fr.	70 mm	Double pigtail	
D PBD-1033-0708	1	 2.8 mm	7 Fr.	80 mm	Double pigtail	
D PBD-1033-0709	1	 2.8 mm	7 Fr.	90 mm	Double pigtail	
D PBD-1033-0710	1	 2.8 mm	7 Fr.	100 mm	Double pigtail	
D PBD-1033-0712	1	 2.8 mm	7 Fr.	120 mm	Double pigtail	
D PBD-1033-0715	1	 2.8 mm	7 Fr.	150 mm	Double pigtail	

Biliary & Pancreatic Procedures

8.5 Fr. Ethylene Vinyl Acetate Biliary Plastic Stents

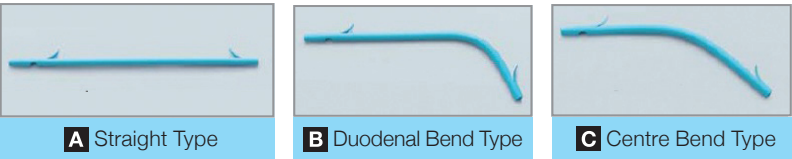


- Radiopaque for superior visibility
- Soft material and maximized inner lumen design provide optimal flexibility to maintain drainage capability
- Tapered design with smooth surface supports cannulation
- Flaps and side holes prevents stent migration and minimizes risk of clogging

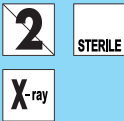
Model number	Qty. per box	Minimum working channel Ø	Stent size	Length between side flaps	Type	Area compatibility
A PBD-1030-0805	1	 3.2 mm	8.5 Fr.	50 mm	Straight	
A PBD-1030-0806	1	 3.2 mm	8.5 Fr.	60 mm	Straight	
A PBD-1030-0807	1	 3.2 mm	8.5 Fr.	70 mm	Straight	
A PBD-1030-0808	1	 3.2 mm	8.5 Fr.	80 mm	Straight	
A PBD-1030-0809	1	 3.2 mm	8.5 Fr.	90 mm	Straight	
A PBD-1030-0810	1	 3.2 mm	8.5 Fr.	100 mm	Straight	
A PBD-1030-0811	1	 3.2 mm	8.5 Fr.	110 mm	Straight	
A PBD-1030-0812	1	 3.2 mm	8.5 Fr.	120 mm	Straight	
A PBD-1030-0813	1	 3.2 mm	8.5 Fr.	130 mm	Straight	
A PBD-1030-0814	1	 3.2 mm	8.5 Fr.	140 mm	Straight	
A PBD-1030-0815	1	 3.2 mm	8.5 Fr.	150 mm	Straight	
A PBD-1030-0816	1	 3.2 mm	8.5 Fr.	160 mm	Straight	
A PBD-1030-0817	1	 3.2 mm	8.5 Fr.	170 mm	Straight	
A PBD-1030-0818	1	 3.2 mm	8.5 Fr.	180 mm	Straight	
B PBD-1031-0805	1	 3.2 mm	8.5 Fr.	50 mm	Duodenal Bend	
B PBD-1031-0807	1	 3.2 mm	8.5 Fr.	70 mm	Duodenal Bend	
B PBD-1031-0809	1	 3.2 mm	8.5 Fr.	90 mm	Duodenal Bend	
B PBD-1031-0811	1	 3.2 mm	8.5 Fr.	110 mm	Duodenal Bend	
B PBD-1031-0812	1	 3.2 mm	8.5 Fr.	120 mm	Duodenal Bend	
B PBD-1031-0813	1	 3.2 mm	8.5 Fr.	130 mm	Duodenal Bend	
B PBD-1031-0815	1	 3.2 mm	8.5 Fr.	150 mm	Duodenal Bend	
B PBD-1031-0818	1	 3.2 mm	8.5 Fr.	180 mm	Duodenal Bend	
C PBD-1032-0805	1	 3.2 mm	8.5 Fr.	50 mm	Centre Bend	

Biliary & Pancreatic Procedures

8.5 Fr. Ethylene Vinyl Acetate Biliary Plastic Stents



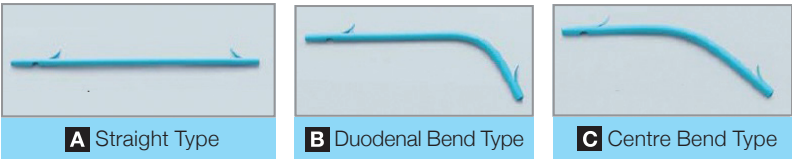
- Radiopaque for superior visibility
- Soft material and maximized inner lumen design provide optimal flexibility to maintain drainage capability
- Tapered design with smooth surface supports cannulation
- Flaps and side holes prevents stent migration and minimizes risk of clogging



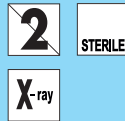
Model number	Qty. per box	Minimum working channel Ø	Stent size	Length between side flaps	Type	Area compatibility
C PBD-1032-0806	1	3.2 mm	8.5 Fr.	60 mm	Centre Bend	
C PBD-1032-0807	1	3.2 mm	8.5 Fr.	70 mm	Centre Bend	
C PBD-1032-0808	1	3.2 mm	8.5 Fr.	80 mm	Centre Bend	
C PBD-1032-0809	1	3.2 mm	8.5 Fr.	90 mm	Centre Bend	
C PBD-1032-0810	1	3.2 mm	8.5 Fr.	100 mm	Centre Bend	
C PBD-1032-0811	1	3.2 mm	8.5 Fr.	110 mm	Centre Bend	
C PBD-1032-0812	1	3.2 mm	8.5 Fr.	120 mm	Centre Bend	
C PBD-1032-0813	1	3.2 mm	8.5 Fr.	130 mm	Centre Bend	
C PBD-1032-0814	1	3.2 mm	8.5 Fr.	140 mm	Centre Bend	
C PBD-1032-0815	1	3.2 mm	8.5 Fr.	150 mm	Centre Bend	
C PBD-1032-0816	1	3.2 mm	8.5 Fr.	160 mm	Centre Bend	
C PBD-1032-0817	1	3.2 mm	8.5 Fr.	170 mm	Centre Bend	
C PBD-1032-0818	1	3.2 mm	8.5 Fr.	180 mm	Centre Bend	

Biliary & Pancreatic Procedures

10 Fr. Ethylene Vinyl Acetate Biliary Plastic Stents



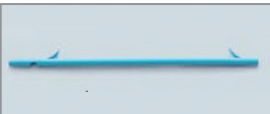
- Radiopaque for superior visibility
- Soft material and maximized inner lumen design provide optimal flexibility to maintain drainage capability
- Tapered design with smooth surface supports cannulation
- Flaps and side holes prevents stent migration and minimizes risk of clogging



Model number	Qty. per box	Minimum working channel Ø	Stent size	Length between side flaps	Type	Area compatibility
A PBD-1030-1005	1	3.7 mm	10 Fr.	50 mm	Straight	
A PBD-1030-1006	1	3.7 mm	10 Fr.	60 mm	Straight	
A PBD-1030-1007	1	3.7 mm	10 Fr.	70 mm	Straight	
A PBD-1030-1008	1	3.7 mm	10 Fr.	80 mm	Straight	
A PBD-1030-1009	1	3.7 mm	10 Fr.	90 mm	Straight	
A PBD-1030-1010	1	3.7 mm	10 Fr.	100 mm	Straight	
A PBD-1030-1011	1	3.7 mm	10 Fr.	110 mm	Straight	
A PBD-1030-1012	1	3.7 mm	10 Fr.	120 mm	Straight	
A PBD-1030-1013	1	3.7 mm	10 Fr.	130 mm	Straight	
A PBD-1030-1014	1	3.7 mm	10 Fr.	140 mm	Straight	
A PBD-1030-1015	1	3.7 mm	10 Fr.	150 mm	Straight	
A PBD-1030-1016	1	3.7 mm	10 Fr.	160 mm	Straight	
A PBD-1030-1017	1	3.7 mm	10 Fr.	170 mm	Straight	
A PBD-1030-1018	1	3.7 mm	10 Fr.	180 mm	Straight	
B PBD-1031-1005	1	3.7 mm	10 Fr.	50 mm	Duodenal Bend	
B PBD-1031-1007	1	3.7 mm	10 Fr.	70 mm	Duodenal Bend	
B PBD-1031-1009	1	3.7 mm	10 Fr.	90 mm	Duodenal Bend	
B PBD-1031-1011	1	3.7 mm	10 Fr.	110 mm	Duodenal Bend	
B PBD-1031-1012	1	3.7 mm	10 Fr.	120 mm	Duodenal Bend	
B PBD-1031-1013	1	3.7 mm	10 Fr.	130 mm	Duodenal Bend	
B PBD-1031-1015	1	3.7 mm	10 Fr.	150 mm	Duodenal Bend	
B PBD-1031-1018	1	3.7 mm	10 Fr.	180 mm	Duodenal Bend	
C PBD-1032-1005	1	3.7 mm	10 Fr.	50 mm	Centre Bend	

Biliary & Pancreatic Procedures

10 Fr. Ethylene Vinyl Acetate Biliary Plastic Stents



A Straight Type

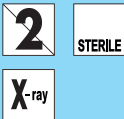


B Duodenal Bend Type



C Centre Bend Type

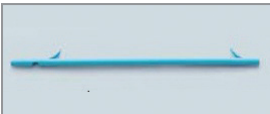
- Radiopaque for superior visibility
- Soft material and maximized inner lumen design provide optimal flexibility to maintain drainage capability
- Tapered design with smooth surface supports cannulation
- Flaps and side holes prevents stent migration and minimizes risk of clogging



Model number	Qty. per box	Minimum working channel Ø	Stent size	Length between side flaps	Type	Area compatibility
C PBD-1032-1006	1	3.7 mm	10 Fr.	60 mm	Centre Bend	
C PBD-1032-1007	1	3.7 mm	10 Fr.	70 mm	Centre Bend	
C PBD-1032-1008	1	3.7 mm	10 Fr.	80 mm	Centre Bend	
C PBD-1032-1009	1	3.7 mm	10 Fr.	90 mm	Centre Bend	
C PBD-1032-1010	1	3.7 mm	10 Fr.	100 mm	Centre Bend	
C PBD-1032-1011	1	3.7 mm	10 Fr.	110 mm	Centre Bend	
C PBD-1032-1012	1	3.7 mm	10 Fr.	120 mm	Centre Bend	
C PBD-1032-1013	1	3.7 mm	10 Fr.	130 mm	Centre Bend	
C PBD-1032-1014	1	3.7 mm	10 Fr.	140 mm	Centre Bend	
C PBD-1032-1015	1	3.7 mm	10 Fr.	150 mm	Centre Bend	
C PBD-1032-1016	1	3.7 mm	10 Fr.	160 mm	Centre Bend	
C PBD-1032-1017	1	3.7 mm	10 Fr.	170 mm	Centre Bend	
C PBD-1032-1018	1	3.7 mm	10 Fr.	180 mm	Centre Bend	

Biliary & Pancreatic Procedures

12 Fr. Ethylene Vinyl Acetate Biliary Plastic Stents



A Straight Type

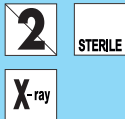


B Duodenal Bend Type



C Centre Bend Type

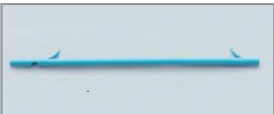
- Radiopaque for superior visibility
- Soft material and maximized inner lumen design provide optimal flexibility to maintain drainage capability
- Tapered design with smooth surface supports cannulation
- Flaps and side holes prevents stent migration and minimizes risk of clogging



Model number	Qty. per box	Minimum working channel Ø	Stent size	Length between side flaps	Type	Area compatibility
A PBD-1030-1205	1	4.2 mm	12 Fr.	50 mm	Straight	
A PBD-1030-1206	1	4.2 mm	12 Fr.	60 mm	Straight	
A PBD-1030-1207	1	4.2 mm	12 Fr.	70 mm	Straight	
A PBD-1030-1208	1	4.2 mm	12 Fr.	80 mm	Straight	
A PBD-1030-1209	1	4.2 mm	12 Fr.	90 mm	Straight	
A PBD-1030-1210	1	4.2 mm	12 Fr.	100 mm	Straight	
A PBD-1030-1211	1	4.2 mm	12 Fr.	110 mm	Straight	
A PBD-1030-1212	1	4.2 mm	12 Fr.	120 mm	Straight	
A PBD-1030-1213	1	4.2 mm	12 Fr.	130 mm	Straight	
A PBD-1030-1214	1	4.2 mm	12 Fr.	140 mm	Straight	
A PBD-1030-1215	1	4.2 mm	12 Fr.	150 mm	Straight	
A PBD-1030-1216	1	4.2 mm	12 Fr.	160 mm	Straight	
A PBD-1030-1217	1	4.2 mm	12 Fr.	170 mm	Straight	
A PBD-1030-1218	1	4.2 mm	12 Fr.	180 mm	Straight	
B PBD-1031-1205	1	4.2 mm	12 Fr.	50 mm	Duodenal Bend	
B PBD-1031-1207	1	4.2 mm	12 Fr.	70 mm	Duodenal Bend	
B PBD-1031-1209	1	4.2 mm	12 Fr.	90 mm	Duodenal Bend	
B PBD-1031-1211	1	4.2 mm	12 Fr.	110 mm	Duodenal Bend	
B PBD-1031-1212	1	4.2 mm	12 Fr.	120 mm	Duodenal Bend	
B PBD-1031-1213	1	4.2 mm	12 Fr.	130 mm	Duodenal Bend	
B PBD-1031-1215	1	4.2 mm	12 Fr.	150 mm	Duodenal Bend	
B PBD-1031-1218	1	4.2 mm	12 Fr.	180 mm	Duodenal Bend	
C PBD-1032-1206	1	4.2 mm	12 Fr.	60 mm	Centre Bend	

Biliary & Pancreatic Procedures

12 Fr. Ethylene Vinyl Acetate Biliary Plastic Stents



A Straight Type

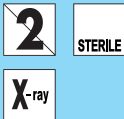


B Duodenal Bend Type



C Centre Bend Type

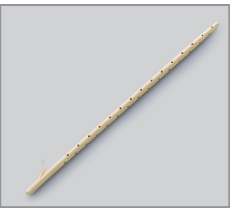
- Radiopaque for superior visibility
- Soft material and maximized inner lumen design provide optimal flexibility to maintain drainage capability
- Tapered design with smooth surface supports cannulation
- Flaps and side holes prevents stent migration and minimizes risk of clogging



Model number	Qty. per box	Minimum working channel Ø	Stent size	Length between side flaps	Type	Area compatibility
C PBD-1032-1207	1	4.2 mm	12 Fr.	70 mm	Centre Bend	
C PBD-1032-1208	1	4.2 mm	12 Fr.	80 mm	Centre Bend	
C PBD-1032-1209	1	4.2 mm	12 Fr.	90 mm	Centre Bend	
C PBD-1032-1210	1	4.2 mm	12 Fr.	100 mm	Centre Bend	
C PBD-1032-1211	1	4.2 mm	12 Fr.	110 mm	Centre Bend	
C PBD-1032-1212	1	4.2 mm	12 Fr.	120 mm	Centre Bend	
C PBD-1032-1213	1	4.2 mm	12 Fr.	130 mm	Centre Bend	
C PBD-1032-1214	1	4.2 mm	12 Fr.	140 mm	Centre Bend	
C PBD-1032-1215	1	4.2 mm	12 Fr.	150 mm	Centre Bend	
C PBD-1032-1216	1	4.2 mm	12 Fr.	160 mm	Centre Bend	
C PBD-1032-1217	1	4.2 mm	12 Fr.	170 mm	Centre Bend	
C PBD-1032-1218	1	4.2 mm	12 Fr.	180 mm	Centre Bend	

Biliary & Pancreatic Procedures

7 Fr. pancreatic stents

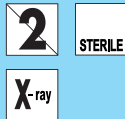


A Straight Type



B S-shaped Type

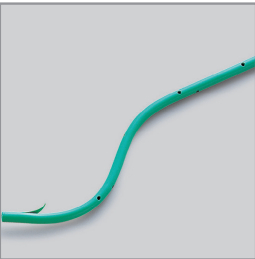
- Soft Material and innovative contoured design to minimize trauma to pancreatic duct
- Side holes to aid drainage
- Perfect combination of flexibility and stiffness



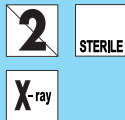
Model number	Qty. per box	Minimum working channel Ø	Stent size	Length between side flaps	Type	Area compatibility
A PBD-230-0702	1	2.8 mm	7 Fr.	20 mm	Straight	
A PBD-230-0704	1	2.8 mm	7 Fr.	40 mm	Straight	
A PBD-230-0706	1	2.8 mm	7 Fr.	60 mm	Straight	
A PBD-230-0708	1	2.8 mm	7 Fr.	80 mm	Straight	
B PBD-234-0706	1	2.8 mm	7 Fr.	60 mm	S-shaped	
B PBD-234-0708	1	2.8 mm	7 Fr.	80 mm	S-shaped	
B PBD-234-0710	1	2.8 mm	7 Fr.	100 mm	S-shaped	
B PBD-234-0712	1	2.8 mm	7 Fr.	120 mm	S-shaped	

* In some areas, these items are not available

8.5 Fr. S-shaped pancreatic stents



- Soft Material and innovative contoured design to minimize trauma to pancreatic duct
- Side holes to aid drainage
- Perfect combination of flexibility and stiffness



Model number	Qty. per box	Minimum working channel Ø	Stent size	Length between side flaps	Area compatibility
PBD-234-0806	1	3.2 mm	8.5 Fr.	60 mm	
PBD-234-0808	1	3.2 mm	8.5 Fr.	80 mm	
PBD-234-0810	1	3.2 mm	8.5 Fr.	100 mm	
PBD-234-0812	1	3.2 mm	8.5 Fr.	120 mm	

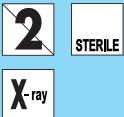
* In some places, these products are not available

Biliary & Pancreatic Procedures

10 Fr. S-shaped pancreatic stents



- Soft Material and innovative contoured design to minimize trauma to pancreatic duct
- Side holes to aid drainage
- Perfect combination of flexibility and stiffness



Model number	Qty. per box	Minimum working channel Ø	Stent size	Length between side flaps	Area compatibility
PBD-234-1006	1	3.7 mm	10 Fr.	60 mm	
PBD-234-1008	1	3.7 mm	10 Fr.	80 mm	
PBD-234-1010	1	3.7 mm	10 Fr.	100 mm	
PBD-234-1012	1	3.7 mm	10 Fr.	120 mm	

* In some places, these products are not available

Single Use Stent Insertion Kit



- Sterile Packed - Ready to use
- Radiopaque Tip
- C-Hook
- V-Marking



Model number	Qty.	Minimum working channel Ø	Compatible Stent Size	Type	Working Length	Compatible Guidewire
MAJ-1818	1	2.8 mm	7 Fr.	One action	1900 mm	0.89 mm (0.035")
MAJ-1819	1	3.2 mm	8.5 Fr.	One action	1900 mm	
MAJ-1820	1	3.7 mm	10 Fr.	One action	1900 mm	
MAJ-1821	1	4.2 mm	12 Fr.	One action	1900 mm	

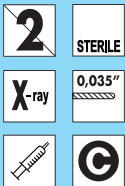
* Note: MAJ-1819/1820/1821 include a pushing catheter and a guide catheter. MAJ-1818 includes only a pushing catheter

Biliary & Pancreatic Procedures

V-System™ 7 Fr. Pre-Loaded Polyethylene Stents



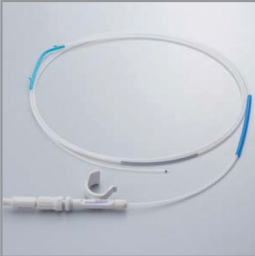
- Pre-loaded stent - ready to use
- Radiopaque for superior visibility
- Excellent insertability due to improved material stiffness for smooth delivery of stent
- Easy stent deployment due to less friction between guide catheter and pusher tube
- Adjustable guide catheter distal length which can be locked at the control section



Model number	Qty. per box	Minimum working channel Ø	Working length	Stent Size	Length between side flaps	Type	Area compatibility
PBD-V630P-0705	1	2.8 mm	1900 mm	7 Fr.	50 mm	Straight	
PBD-V630P-0707	1	2.8 mm	1900 mm	7 Fr.	70 mm	Straight	
PBD-V630P-0709	1	2.8 mm	1900 mm	7 Fr.	90 mm	Straight	
PBD-V630P-0712	1	2.8 mm	1900 mm	7 Fr.	120 mm	Straight	
PBD-V630P-0715	1	2.8 mm	1900 mm	7 Fr.	150 mm	Straight	
PBD-V631P-0705	1	2.8 mm	1900 mm	7 Fr.	50 mm	Duodenal Bend	
PBD-V631P-0707	1	2.8 mm	1900 mm	7 Fr.	70 mm	Duodenal Bend	
PBD-V631P-0709	1	2.8 mm	1900 mm	7 Fr.	90 mm	Duodenal Bend	
PBD-V631P-0712	1	2.8 mm	1900 mm	7 Fr.	120 mm	Duodenal Bend	
PBD-V631P-0715	1	2.8 mm	1900 mm	7 Fr.	150 mm	Duodenal Bend	
PBD-V632P-0705	1	2.8 mm	1900 mm	7 Fr.	50 mm	Centre Bend	
PBD-V632P-0707	1	2.8 mm	1900 mm	7 Fr.	70 mm	Centre Bend	
PBD-V632P-0709	1	2.8 mm	1900 mm	7 Fr.	90 mm	Centre Bend	
PBD-V632P-0712	1	2.8 mm	1900 mm	7 Fr.	120 mm	Centre Bend	
PBD-V632P-0715	1	2.8 mm	1900 mm	7 Fr.	150 mm	Centre Bend	

Biliary & Pancreatic Procedures

V-System™ 8.5 Fr. Pre-Loaded Ethylene Vinyl Acetate Stents



- Pre-loaded stent - ready to use
- Radiopaque for superior visibility
- Excellent insertability due to improved material stiffness for smooth delivery of stent
- Easy stent deployment due to less friction between guide catheter and pusher tube
- Adjustable guide catheter distal length which can be locked at the control section



Model number	Qty. per box	Minimum working channel Ø	Working length	Stent Size	Length between side flaps	Type	Area compatibility
PBD-V630P-0805	1	3.2 mm	1900 mm	8.5 Fr.	50 mm	Straight	
PBD-V630P-0807	1	3.2 mm	1900 mm	8.5 Fr.	70 mm	Straight	
PBD-V630P-0809	1	3.2 mm	1900 mm	8.5 Fr.	90 mm	Straight	
PBD-V630P-0812	1	3.2 mm	1900 mm	8.5 Fr.	120 mm	Straight	
PBD-V630P-0815	1	3.2 mm	1900 mm	8.5 Fr.	150 mm	Straight	
PBD-V631P-0805	1	3.2 mm	1900 mm	8.5 Fr.	50 mm	Duodenal Bend	
PBD-V631P-0807	1	3.2 mm	1900 mm	8.5 Fr.	70 mm	Duodenal Bend	
PBD-V631P-0809	1	3.2 mm	1900 mm	8.5 Fr.	90 mm	Duodenal Bend	
PBD-V631P-0812	1	3.2 mm	1900 mm	8.5 Fr.	120 mm	Duodenal Bend	
PBD-V631P-0815	1	3.2 mm	1900 mm	8.5 Fr.	150 mm	Duodenal Bend	
PBD-V632P-0805	1	3.2 mm	1900 mm	8.5 Fr.	50 mm	Centre Bend	
PBD-V632P-0807	1	3.2 mm	1900 mm	8.5 Fr.	70 mm	Centre Bend	
PBD-V632P-0809	1	3.2 mm	1900 mm	8.5 Fr.	90 mm	Centre Bend	
PBD-V632P-0812	1	3.2 mm	1900 mm	8.5 Fr.	120 mm	Centre Bend	
PBD-V632P-0815	1	3.2 mm	1900 mm	8.5 Fr.	150 mm	Centre Bend	

Biliary & Pancreatic Procedures

V-System™ 10 Fr. Pre-Loaded Ethylene Vinyl Acetate Stents



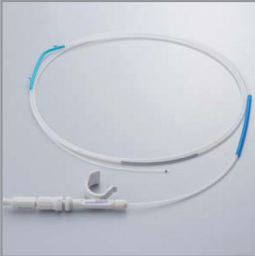
- Pre-loaded stent - ready to use
- Radiopaque for superior visibility
- Excellent insertability due to improved material stiffness for smooth delivery of stent
- Easy stent deployment due to less friction between guide catheter and pusher tube
- Adjustable guide catheter distal length which can be locked at the control section



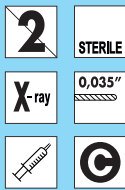
Model number	Qty. per box	Minimum working channel Ø	Working length	Stent Size	Length between side flaps	Type	Area compatibility
PBD-V630P-1005	1	3.7 mm	1900 mm	10 Fr.	50 mm	Straight	
PBD-V630P-1007	1	3.7 mm	1900 mm	10 Fr.	70 mm	Straight	
PBD-V630P-1009	1	3.7 mm	1900 mm	10 Fr.	90 mm	Straight	
PBD-V630P-1012	1	3.7 mm	1900 mm	10 Fr.	120 mm	Straight	
PBD-V630P-1015	1	3.7 mm	1900 mm	10 Fr.	150 mm	Straight	
PBD-V631P-1005	1	3.7 mm	1900 mm	10 Fr.	50 mm	Duodenal Bend	
PBD-V631P-1007	1	3.7 mm	1900 mm	10 Fr.	70 mm	Duodenal Bend	
PBD-V631P-1009	1	3.7 mm	1900 mm	10 Fr.	90 mm	Duodenal Bend	
PBD-V631P-1012	1	3.7 mm	1900 mm	10 Fr.	120 mm	Duodenal Bend	
PBD-V631P-1015	1	3.7 mm	1900 mm	10 Fr.	150 mm	Duodenal Bend	
PBD-V632P-1005	1	3.7 mm	1900 mm	10 Fr.	50 mm	Centre Bend	
PBD-V632P-1007	1	3.7 mm	1900 mm	10 Fr.	70 mm	Centre Bend	
PBD-V632P-1009	1	3.7 mm	1900 mm	10 Fr.	90 mm	Centre Bend	
PBD-V632P-1012	1	3.7 mm	1900 mm	10 Fr.	120 mm	Centre Bend	
PBD-V632P-1015	1	3.7 mm	1900 mm	10 Fr.	150 mm	Centre Bend	

Biliary & Pancreatic Procedures

V-System™ 12 Fr. Pre-Loaded Ethylene Vinyl Acetate Stents



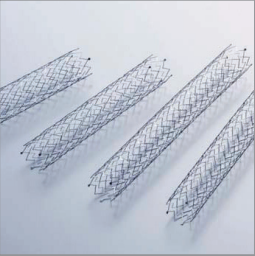
- Pre-loaded stent - ready to use
- Radiopaque for superior visibility
- Excellent insertability due to improved material stiffness for smooth delivery of stent
- Easy stent deployment due to less friction between guide catheter and pusher tube
- Adjustable guide catheter distal length which can be locked at the control section



Model number	Qty. per box	Minimum working channel Ø	Working length	Stent Size	Length between side flaps	Type	Area compatibility
PBD-V630P-1205	1	4.2 mm	1900 mm	12 Fr.	50 mm	Straight	
PBD-V630P-1207	1	4.2 mm	1900 mm	12 Fr.	70 mm	Straight	
PBD-V630P-1209	1	4.2 mm	1900 mm	12 Fr.	90 mm	Straight	
PBD-V630P-1212	1	4.2 mm	1900 mm	12 Fr.	120 mm	Straight	
PBD-V630P-1215	1	4.2 mm	1900 mm	12 Fr.	150 mm	Straight	
PBD-V631P-1205	1	4.2 mm	1900 mm	12 Fr.	50 mm	Duodenal Bend	
PBD-V631P-1207	1	4.2 mm	1900 mm	12 Fr.	70 mm	Duodenal Bend	
PBD-V631P-1209	1	4.2 mm	1900 mm	12 Fr.	90 mm	Duodenal Bend	
PBD-V631P-1212	1	4.2 mm	1900 mm	12 Fr.	120 mm	Duodenal Bend	
PBD-V631P-1215	1	4.2 mm	1900 mm	12 Fr.	150 mm	Duodenal Bend	
PBD-V632P-1205	1	4.2 mm	1900 mm	12 Fr.	50 mm	Centre Bend	
PBD-V632P-1207	1	4.2 mm	1900 mm	12 Fr.	70 mm	Centre Bend	
PBD-V632P-1209	1	4.2 mm	1900 mm	12 Fr.	90 mm	Centre Bend	
PBD-V632P-1212	1	4.2 mm	1900 mm	12 Fr.	120 mm	Centre Bend	
PBD-V632P-1215	1	4.2 mm	1900 mm	12 Fr.	150 mm	Centre Bend	

Biliary & Pancreatic Procedures

Single-use biliary metallic uncovered stent



- Unique NIRflex™ cell design for optimal wall apposition
- Tissue-friendly rounded ends
- Superior radial support
- Virtually no foreshortening
- Stable deployment performance from start to finish
- Five radiopaque markers at both ends for enhanced fluoroscopic visibility



Model number	Qty. per box	Minimum working channel Ø	Working length	Delivery catheter	Stent outer Ø	Stent length	Area compatibility
SME-200P-08040	1	3.2 mm	1900 mm	7.5 Fr	8 mm	40 mm	
SME-200P-08060	1	3.2 mm	1900 mm	7.5 Fr	8 mm	60 mm	
SME-200P-08080	1	3.2 mm	1900 mm	7.5 Fr	8 mm	80 mm	
SME-200P-08100	1	3.2 mm	1900 mm	7.5 Fr	8 mm	100 mm	
SME-200P-10040	1	3.2 mm	1900 mm	7.5 Fr	10 mm	40 mm	
SME-200P-10060	1	3.2 mm	1900 mm	7.5 Fr	10 mm	60 mm	
SME-200P-10080	1	3.2 mm	1900 mm	7.5 Fr	10 mm	80 mm	
SME-200P-10100	1	3.2 mm	1900 mm	7.5 Fr	10 mm	100 mm	

* In some areas, these items are not available

Single-use biliary metallic covered stent

Model number	Qty. per box	Minimum working channel Ø	Working length	Delivery catheter	Stent outer Ø	Stent length	Area compatibility
SME-210P-08060	1	3.2 mm	1900 mm	7.5 Fr	8 mm	60 mm	
SME-210P-08080	1	3.2 mm	1900 mm	7.5 Fr	8 mm	80 mm	
SME-210P-10040	1	3.2 mm	1900 mm	7.5 Fr	10 mm	40 mm	
SME-210P-10060	1	3.2 mm	1900 mm	7.5 Fr	10 mm	60 mm	
SME-210P-10080	1	3.2 mm	1900 mm	7.5 Fr	10 mm	80 mm	

* In some areas, these items are not available

EZShot 3 Plus

Single Use Aspiration Needle



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Ultrasound Guided Needle Aspiration
(EUS-FNA, EBUS-TBNA)

Single use	
EUS-FNA	95
EBUS-TBNA	96

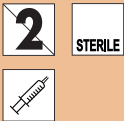
Ultrasound Guided Needle Aspiration

EZShot 3 Plus™

Single use aspiration needle for EUS guided FNA



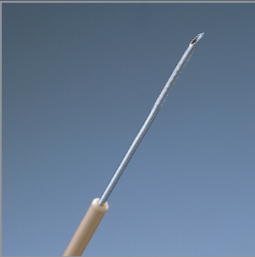
- Nitinol needle for better accessibility
- Rounded tip on distal end of sheath reduces damage to tissue and scope working channel
- New designed hemispherical dimpling for better visibility
- “Menghini” needle tip for better puncture capability
- New handle design to make the operation easier



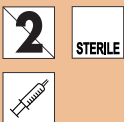
Model number	Qty. per box	Minimum working channel Ø	Working length	With Sideport	Needle Ø	Needle length	Stylet tip shape	Area compatibility
NA-U200H-8019	5	2.8 mm	1400 mm	-	19G	0 - 80 mm	Rounded	EUS
NA-U200H-8019S	5	2.8 mm	1400 mm	O	19G	0 - 80 mm	Rounded	EUS
NA-U200H-8022	5	2.8 mm	1400 mm	-	22G	0 - 80 mm	Rounded	EUS
NA-U200H-8022S	5	2.8 mm	1400 mm	O	22G	0 - 80 mm	Rounded	EUS

EZ Shot 2™

Single use aspiration needle for EUS guided FNA



- Sheath length individually adjustable by sheath adjuster
- Adjustable 80 mm needle length with safety stopper
- Sterile packed, preassembled, ready to use
- Stopcock and 20 ml syringe included
- Excellent needle visibility
- Choice of 19G, 22G, 25G needle
- NA-230H-8022: 22G needle with sideport to maximise tissue yield

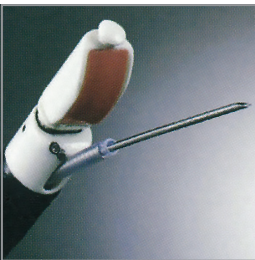


Model number	Qty. per box	Minimum working channel Ø	Working length	Maximum needle length	Needle width	Stylet tip shape	Area compatibility
NA-220H-8019	5	2.8 mm	1400 mm	80 mm	19G	Rounded	EUS
NA-220H-8022	5	2.8 mm	1400 mm	80 mm	22G	Rounded	EUS
NA-220H-8025	5	2.8 mm	1400 mm	80 mm	25G	Rounded	EUS
NA-230H-8022	5	2.8 mm	1400 mm	80 mm	22G with sideport	Rounded	EUS

Ultrasound Guided Needle Aspiration

ViziShot™

Single use EBUS-TBNA aspiration needle

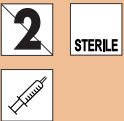


- Treated distal end for improved needle echogenicity
- Stopcock and 20ml syringe included
- Adjustable needle length from 20mm to 40mm
- Two-way adjustable safety handle to protect endoscope channel

*Each needle set includes 5 syringes and 5 Adaptor Biopsy Valve (MAJ-1414)



MAJ-1414



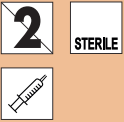
Model number	Qty. per box	Minimum working channel Ø	Working length	Needle Ø	Needle length	Area compatibility
NA-201SX-4021A	5 needles*	2.0 mm	700 mm	21G	20 - 40 mm	
NA-201SX-4022A	5 needles*	2.0 mm	700 mm	22G	20 - 40 mm	
MAJ-1414	10 adaptors					

Single use EBUS-TBNA aspiration needle



- Improved flexibility to support difficult to reach targets in the bronchi
- Puncture capability is enhanced due to the sharper needle
- Colored sheath tip increases visibility during endoscopic observation
- Double-safety mechanism for lever and retract lock
- Ergonomic design for improved stability
- Dimpled needle surface allows excellent ultrasound visibility

*Each set comes with Adapter Biopsy Valve (MAJ-1414)



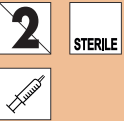
Model number	Qty. per box	Minimum working channel Ø	Working length	Needle Ø	Needle length	Area compatibility
NA-U401SX-4021.A	5	2.2 mm	700 mm	21G	20 - 40 mm	
NA-U401SX-4022.A	5	2.2 mm	700 mm	22G	20 - 40 mm	
NA-U401SX-4022.B	1	2.2 mm	700 mm	22G	20 - 40 mm	

Single use 19G EBUS-TBNA histology aspiration needles

ViziShot FLEX



- Unique 19G aspiration needle to obtain histological samples
- High needle flexility for easier target approach while maintaining optimal puncture performance
- Treated distal end for improved needle echogenicity
- Adjustable needle length from 20 mm to 40 mm
- Each needle set includes one needle, one 20 ml lockable aspiration syringe with stopcock, and one biopsy adapter valve (MAJ-1414)

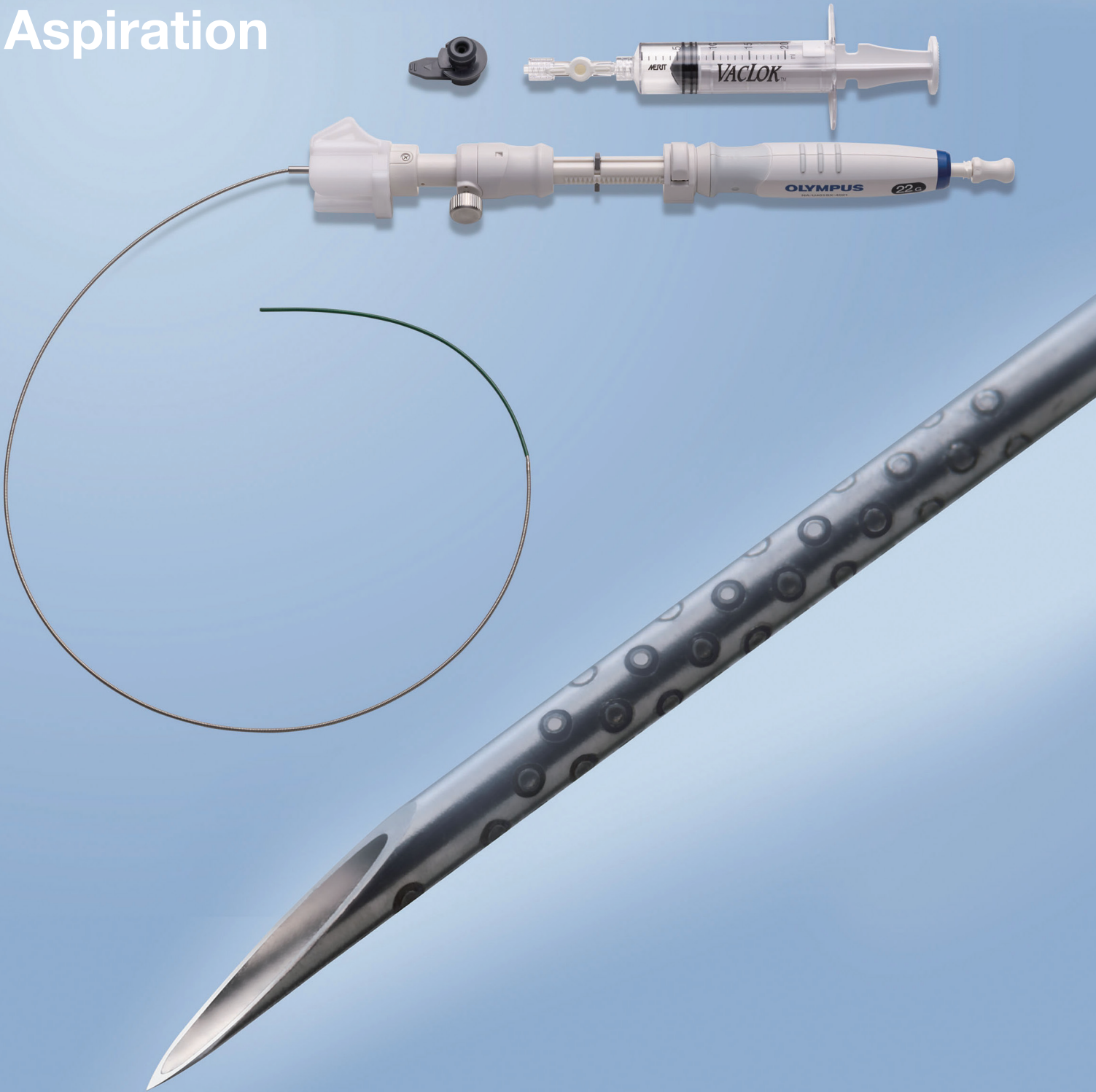


Model number	Qty. per box	Minimum working channel Ø	Working length	needle Ø	For use with	Area compatibility
NA-U402SX-4019	1	2.2 mm	700 mm	19G	MAJ-1414	

* In some areas, these items are not available

ViziShot 2™

Single Use EBUS Transbronchial Needle Aspiration



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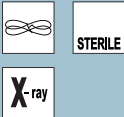
Respiratory Endoscopy

Reusable	
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Basket Grasping Forceps	110

Reusable alligator cup SwingJaw™ biopsy forceps



- Rat tooth to aid anchorage
- Alligator jaws to prevent slippage
- Unique SwingJaw™ mechanism to aid tangential biopsies
- Fenestrated cups for larger biopsies



Model number	Qty. per box	Minimum working channel Ø	Working length	Area compatibility
FB-52C-1	1	● 2.0 mm	1050 mm	

Reusable alligator cup with needle SwingJaw biopsy forceps



- Elongated cups for deeper biopsies
- Rat tooth to aid anchorage
- Alligator jaws to prevent slippage
- Unique SwingJaw mechanism to aid tangential biopsies
- Fenestrated cups for larger biopsies
- Rotatable version for accurate positioning
- Needle for improved anchorage

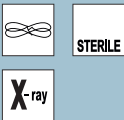


Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
FB-55CR-1	1	● 2.8 mm	1050 mm	Rotatable	

Reusable round cup biopsy forceps



- For routine biopsies and transbronchial lung biopsies
- Fenestrated cups for larger biopsies
- Minimal tissue damage
- Rotatable version for accurate positioning

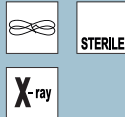


Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
FB-19C-1	1	● 2.0 mm	1050 mm	Rotatable	
FB-19CR-1	1	● 2.0 mm	1050 mm		
FB-20C-1	1	● 2.6 mm	1050 mm		
FB-35C-1	1	● 2.8 mm	1050 mm		

Reusable round cup with needle biopsy forceps



- For routine biopsies
- Needle for improved anchorage
- Fenestrated cups for larger biopsies
- Minimal tissue damage

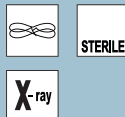


Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
FB-34C-1	1	● 2.0 mm	1050 mm	Fenestrated Cup with Needle	

Reusable oval cup biopsy forceps



- Ellipsoid cups for deeper biopsies
- Fenestrated cups for larger biopsies

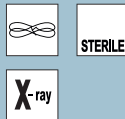


Model number	Qty. per box	Minimum working channel Ø	Working length	Area compatibility
FB-21C-1	1	● 2.0 mm	1050 mm	

Reusable oval cup with needle biopsy forceps



- Needle for improved anchorage
- Ellipsoid cups for deeper biopsies
- Fenestrated cups for larger biopsies
- Rotatable versions for accurate positioning



Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
FB-22C-1	1	● 2.6 mm	1050 mm	Rotatable	
FB-22CR-1	1	● 2.6 mm	1050 mm		
FB-24K-1	1	● 2.8 mm	1550 mm		

Respiratory Endoscopy

Reusable alligator cup biopsy forceps



- For biopsy of tough tissue
- Alligator jaws to prevent slippage



Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
FB-15C-1	1	2.0 mm	1050 mm		
FB-36C-1	1	2.8 mm	1050 mm	Fenestrated	

Reusable oval rat tooth biopsy forceps



- Rat tooth to aid anchorage
- Elongated cups for deeper biopsies
- Fenestrated cups for larger biopsies



Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
FB-37K-1	1	2.8 mm	1550 mm		

Reusable mini oval rat tooth biopsy forceps



- For routine biopsies in narrow lumen
- Rat tooth to aid anchorage
- Elongated cups for deeper biopsies
- For ultra-thin 1.2 mm channel



Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
FB-56D-1	1	1.2 mm	1150 mm	3 Fr. type	

Respiratory Endoscopy

Reusable hot biopsy forceps



- Fast, efficient collection of tissue and ablation of lesions
- Uses diathermy current to coagulate and cut
- Green safety marking at distal end of catheter to indicate good position for HF activation
- Oval cups
- To be used with SD-Handle (MH-264)



MH-264



Model number	Qty. per box	Minimum working channel Ø	Working length	To use with	Area compatibility
FD-7C-1	1	2.0 mm	1050 mm	MH-264	
FD-6C-1	1	2.6 mm	1050 mm	MH-264	

Reusable electrosurgical knife



- For opening web-like scars and tissue resection in the bronchi
- For tissue resection in narrow lumens
- Green safety marking at distal end of catheter to indicate good position for HF activation
- To be used with SD-Handle (MH-264)



MH-264



Model number	Qty. per box	Minimum working channel Ø	Working length	To use with	Area compatibility
KD-31C-1	2 knives	2.0 mm	1050 mm	MH-264	

Reusable coagulation electrode



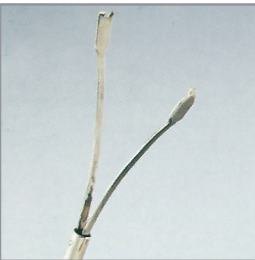
- For haemostasis and coagulation of lesions and tumor ablation in the bronchi
- Green safety marking at distal end of catheter to indicate good position for HF activation



Model number	Qty. per box	Minimum working channel Ø	Working length	Area compatibility
CD-6C-1	1	2.0 mm	1050 mm	

Respiratory Endoscopy

Reusable V-shape grasping forceps



- For thin, flat objects
- Pronounced rat tooth provides a firm grip
- Prongs retract into sheath



Model number	Qty. per box	Minimum working channel Ø	Working length	Area compatibility
FG-4L-1	1	2.0 mm	1650 mm	
FG-25C-1	1	2.6 mm	1050 mm	

Reusable rat tooth grasping forceps



- For removal of stents and flat objects such as coins
- Rat tooth for firm grip



Model number	Qty. per box	Minimum working channel Ø	Working length	Opening width	Area compatibility
FG-14P-1	1	2.0 mm	1900 mm	3.0 mm	
FG-26C-1	1	2.6 mm	1900 mm	3.5 mm	
FG-32C-1	1	2.8 mm	1050 mm	4.7 mm	

Reusable alligator jaw grasping forceps



- For holding or removing objects
- Alligator jaws prevent slippage



Model number	Qty. per box	Minimum working channel Ø	Working length	Opening width	Area compatibility
FG-6L-1	1	2.8 mm	1650 mm	7.5 mm	

Respiratory Endoscopy

Reusable rubber tip grasping forceps

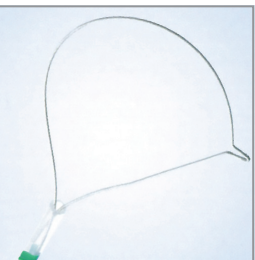


- For sharp or flat objects such as needles and pins
- Rubber tips provide firm grip



Model number	Qty. per box	Minimum working channel Ø	Working length	Opening width	Area compatibility
FG-20P-1	1	2.0 mm	1900 mm	7.5 mm	

Reusable electrosurgical Snare



- Allows removal of large sections of tumors in the same manner as a polypectomy
- Loop size reduced for easier snaring in the bronchi
- It comes in crescent shape



MH-264

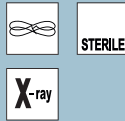


Model number	Qty. per box	Minimum working channel Ø	Wire opening width	Working length	To use with	Area compatibility
SD-7C-1	2	2.0 mm	23 mm	1050 mm	MH-264	
SD-18C-1	2	2.0 mm	13 mm	1050 mm	MH-264	

Reusable spray catheters



- For local anaesthesia, drug mist and dye spray



Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
PW-6C-1-A	1	2.0 mm	1050 mm	Includes injection valve to spray fine mist of anesthetic	

Reusable guiding device



- Bendable guiding device to be used together with guide sheath system
- To aid approaching the guide sheath towards peripheral lesions under fluoroscopy
- Bending allows easier access into bronchi at difficult bifurcations



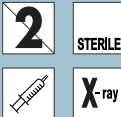
Model number	Qty. per box	Minimum working channel Ø	Working length	Features	Area compatibility
CC-6DR-1	1	2.0 mm	1050 mm	Bendable tip, rotatable	

Single use 21G TBNA cytology aspiration needles

SmoothShot™



- Excellent puncture performance
- Optimised design for bronchoscope compatibility
- Clear catheter
- For all tracheal and bronchial regions
- In selected cases applicable with 2.6mm GuideSheathKit for peripheral sampling of lesions

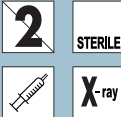


Model number	Qty. per box	Minimum working channel Ø	Working length	Needle gauge	Needle length	Area compatibility
NA-401D-1321	4	2.0 mm	1150 mm	21 G	13 mm	
NA-401D-1521	4	2.0 mm	1150 mm	21 G	15 mm	

Single use 21G TBNA cytology aspiration needles with side-hole



- Unique side hole to draw samples from side as well as tip of the needle
- Excellent puncture performance
- Optimised design for bronchoscope compatibility
- Clear catheter
- For all tracheal and bronchial regions
- In selected cases applicable with 2.6mm GuideSheathKit for peripheral sampling of lesions



Model number	Qty. per box	Minimum working channel Ø	Working length	Needle gauge	Needle length	Feature	Area compatibility
NA-411D-1321	4	2.0 mm	1150 mm	21 G	13 mm	With side-hole	
NA-411D-1521	4	2.0 mm	1150 mm	21 G	15 mm	With side-hole	

Single use 19G TBNA histology aspiration needles with trocar

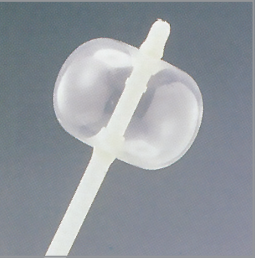


- Trocar type histology needle for high yield
- Excellent puncture performance
- Optimised design for bronchoscope compatibility
- Clear catheter
- Ergonomic handle with two-way safety stop for easy handling and to protect the endoscope channel
- For all tracheal and bronchial regions

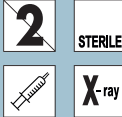


Model number	Qty. per box	Minimum working channel Ø	Working length	Inner needle diameter/length	Outer needle diameter/length	Total needle length	Area compatibility
NA-601D-1519	4	2.0 mm	1150 mm	21G/3 mm	19G / 15 mm	18 mm	

Single use balloon catheters



- To perform highly effective broncho blocking/tamponade haemostasis
- For selective bronchography and bronchoalveolar lavage
- Kink-resistant
- Excellent X-ray visibility
- With stopcock

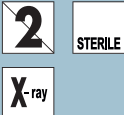


Model number	Qty. per box	Minimum working channel Ø	Working length	Balloon diameter	Distal tip Ø	Area compatibility
B5-2C	1	2.0 mm	1050 mm	11 mm	5 Fr.	
B7-2C	1	2.8 mm	1050 mm	13 mm	7 Fr.	

Single use oval cup biopsy forceps



- Ribbed sheath to aid insertion
- Fenestrated cups for larger biopsies
- Colour coded sheaths for easy recognition of area compatibility
- Unique swinging jaw mechanism to aid tangential biopsies
- Cups with superior cutting performance for fewer artefacts and less bleeding

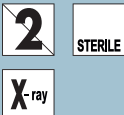


Model number	Qty. per box	Minimum working channel Ø	Working length	Colour coded sheaths	Area compatibility
FB-231D	20	2.0 mm	1150 mm		

Single use oval cup with needle biopsy forceps



- Ribbed sheath to aid insertion
- Fenestrated cups for larger biopsies
- Needle for improved anchorage
- Colour coded sheaths for easy recognition of area compatibility
- Unique swinging jaw mechanism to aid tangential biopsies
- Cups with superior cutting performance for fewer artefacts and less bleeding

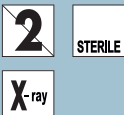


Model number	Qty. per box	Minimum working channel Ø	Working length	Colour coded sheaths	Area compatibility
FB-241D	20	2.0 mm	1150 mm		

Single use alligator cup biopsy forceps



- Ribbed sheath to aid insertion
- Fenestrated cups for larger biopsies
- Alligator jaws to prevent slippage
- Colour coded sheaths for easy recognition of area compatibility
- Unique swinging jaw mechanism to aid tangential biopsies
- Cups with superior cutting performance for fewer artefacts and less bleeding

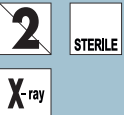


Model number	Qty. per box	Minimum working channel Ø	Working length	Colour coded sheaths	Area compatibility
FB-211D	20	2.0 mm	1150 mm		

Single use alligator cup with needle fenestrated biopsy forceps



- Ribbed sheath to aid insertion
- Fenestrated cups for larger biopsies
- Alligator jaws to prevent slippage
- Needle for improved anchorage
- Colour coded sheaths for easy recognition of area compatibility
- Unique swinging jaw mechanism to aid tangential biopsies
- Cups with superior cutting performance for fewer artefacts and less bleeding

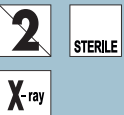


Model number	Qty. per box	Minimum working channel Ø	Working length	Colour coded sheaths	Area compatibility
FB-221D	20	2.0 mm	1150 mm		

Single use cytology brushes



- High cytological yield
- Metal tip for visibility under fluoroscopy
- Extra fine nylon bristles and optimal brush hardness



Model number	Qty. per box	Minimum working channel Ø	Working length	Brush Ø (A)	Brush length (B)	Area compatibility
BC-202D-1210	10	2.0 mm	1150 mm	1.2 mm	10 mm	
BC-202D-2010	10	2.0 mm	1150 mm	2.0 mm	10 mm	
BC-202D-3010	10	2.0 mm	1150 mm	3.0 mm	10 mm	
BC-202D-5010	10	2.0 mm	1150 mm	5.0 mm	10 mm	

Single use mini cytology brushes

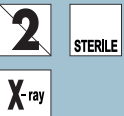


A BC-203D-2006



B BC-201C-1006

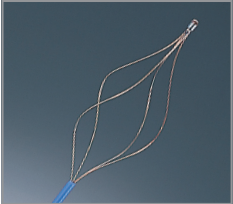
- Optimised cytological yield
- Sheathed and unsheathed type
- Metal tip for visibility under fluoroscopy
- For ultra thin 1.2 mm channels



Model number	Qty. per box	Minimum working channel Ø	Working length	Brush Ø (A)	Brush length (B)	Features	Area compatibility
A BC-203D-2006	5	1.2 mm	1150 mm	2.0 mm	6.0 mm	3 Fr., with tube sheath	
B BC-201C-1006	6	1.2 mm	1050 mm	1.0 mm	6.0 mm	3 Fr., without tube sheath	

Respiratory Endoscopy

Single use mini grasping baskets



A FG-51D



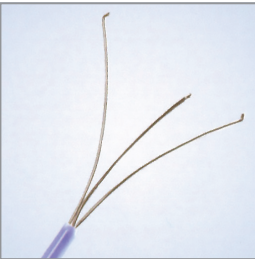
B FG-52D

- For retrieval of smooth rounded objects
- Integral handle



Model number	Qty. per box	Minimum working channel Ø	Working length	Basket opening	Distal tip	Basket type	Area compatibility
A FG-51D	1	1.2 mm	1150 mm	11 mm	3 Fr.	4 wires, helical	
B FG-52D	1	1.2 mm	1150 mm	9 mm	2.4 Fr.	3 wires, helical	

Single use mini 3 prong grasping forceps



- For retrieval of irregular objects
- Integral handle
- Nails bite into soft objects for improved grip

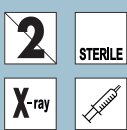


Model number	Qty. per box	Minimum working channel Ø	Working length	Basket opening	Distal tip	Area compatibility
FG-54D	1	1.2 mm	1150 mm	10 mm	3 Fr.	

Single-use GuideSheathKit with biopsy forceps



- Ready-to-use kit for peripheral diagnostic procedures comprising histology
- Guide sheath with adjustable silicon stopper for easy reapproach to peripheral bronchi and peripheral lesions after first access for multiple samplings
- Ideal in combination with Olympus miniature probes or guiding device under peripheral fluoroscopy
- Set contains one guide sheath and one oval fenestrated biopsy forceps FB-233D for K-202 and FB-231D for K-204
- In selected cases applicable with SmoothShot cytology TBNA needles



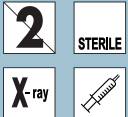
Model number	Qty. per box	Minimum working channel Ø	Working length	Biopsy forceps	Compatibility	Area compatibility
K-202	1 set	2.0 mm	1050 mm	Oval, fenestrated	EBUS: UM-S20-17S	
K-204	1 set	2.6 mm	1050 mm	Oval, fenestrated	EBUS: UM-S20-20R, -S30-20R	

Respiratory Endoscopy

Single-use GuideSheathKit with biopsy forceps and cytology brush

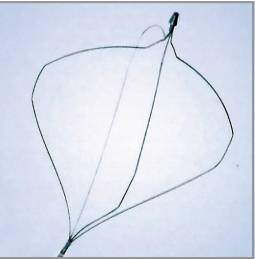


- Ready-to-use kit for peripheral diagnostic procedures comprising histology and cytology
- Guide sheath with adjustable silicon stopper for easy reapproach to peripheral bronchi and peripheral lesions after first access
- Ideal in combination with Olympus miniature probes or guiding device under peripheral fluoroscopy
- Set contains one guide sheath, one oval fenestrated biopsy forceps FB-233D for K-201 and FB-231D for K-203 and one cytology brush for high yield BC-204D-2010 for K-201 and BC-202D-2010 for K-203
- In selected cases applicable with SmoothShot cytology TBNA needles for multiple samplings



Model number	Qty.	Minimum working channel Ø	Working length	Brush Ø (A)	Brush length (B)	Biopsy forceps	Compatibility	Area compatibility
K-201	1 set	2.0 mm	1050 mm	2.0 mm	10 mm	Oval, fenestrated	EBUS: UM-S20-17S	
K-203	1 set	2.6 mm	1050 mm	2.0 mm	10 mm	Oval, fenestrated	EBUS: UM-S20-20R, -S30-20R	

Reusable grasping baskets



- For retrieval of irregular objects
- To be used with FG-handle (MA-479)



MA-479



Model number	Qty. per box	Minimum working channel Ø	Working length	Basket opening	To use with	Area compatibility
FG-17K-1	1 basket	2.0 mm	1550 mm	32 mm	MA-479	
FG-16L-1	1 basket	2.8 mm	1650 mm	35 mm	MA-479	

ESG-100

Electrosurgical Generator



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Energy

Diathermy Machine	
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Energy

ESG-100 Electrosurgical Generator



- 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	Specification
High Frequency	330-380 kHz
Type, Protection Class	CF, Class 1
Power Supply	220-240V, 50/60 Hz, 400 VA
Size (W x D x H)	295 x 375 x 115 mm
Weight, without footswitch	6.5 kg
MONOPOLAR OUTPUT	
Sockets	6 mm A-cord
Single/split Neutral Electrode	10 mm 2-pins
Cut 1/2/3	up to 120W @ 500 Ohms
PulseCut slow/fast	up to 120W @ 500 Ohms
SoftCoag	up to 120W @ 100 Ohms
ForcedCoag 1	up to 50W @ 500 Ohms
ForcedCoag 2	up to 120W @ 500 Ohms
BIPOLAR OUTPUT	
Sockets	28.8 mm 2-pins and 4/8 mm coaxial
Cut 1/2/3	120W @ 500 Ohms
SoftCoag	120W @ 100 Ohms
RFCoag incl. RCAP	40W @ 100 Ohms

ESG-100 Standard Set



- Standard set comes with:
 - (a) Electrosurgical unit (ESG-100)
 - (b) Footswitch with cable
 - (c) Power cord
 - (d) Instruction manual

Additional Add-on

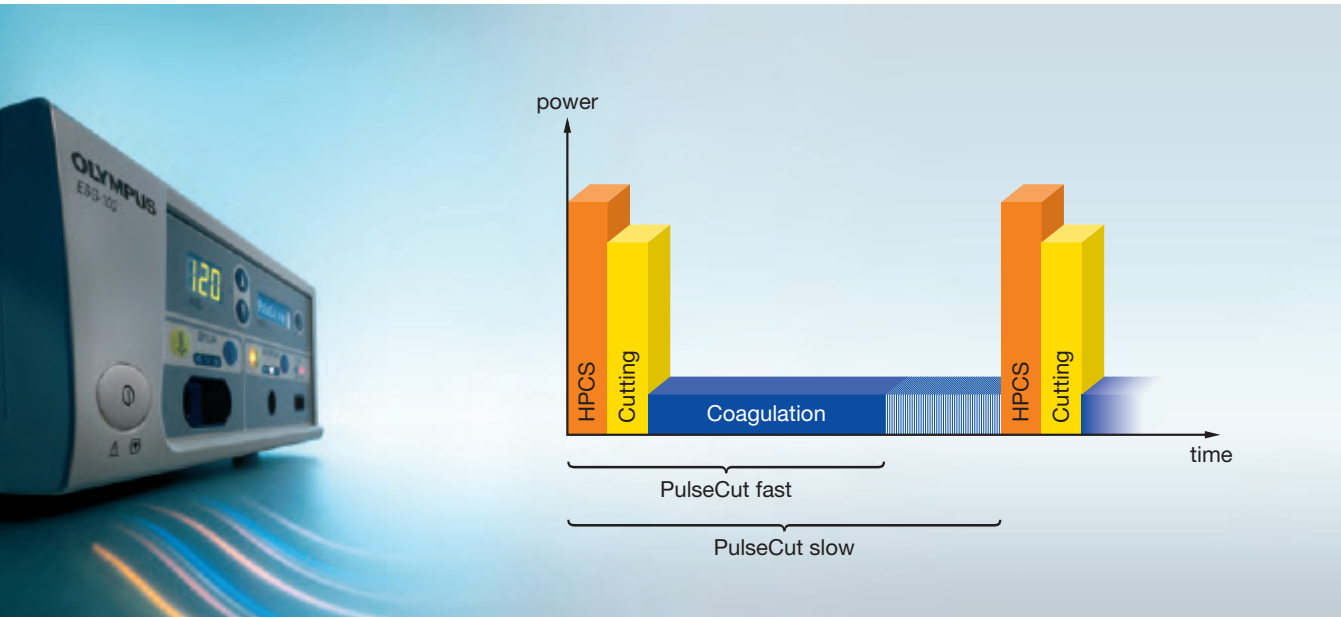
Model number	Description	Qty. per set	
MH-969	A-Cord	1	

Energy

Cutting modes to meet your needs

Monopolar and bipolar continuous cutting modes with low, medium or high thermal effects in tissue.

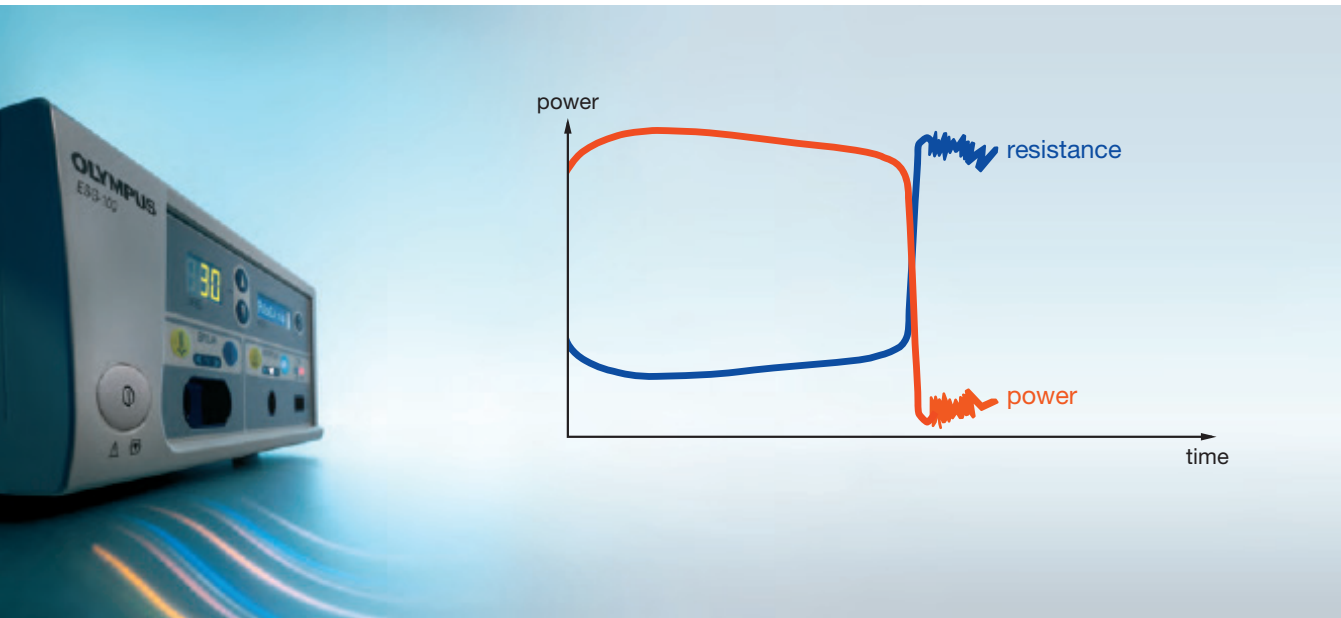
→ The innovation: monopolar intermittent cutting mode with two different speed settings.



Coagulation modes to meet your needs

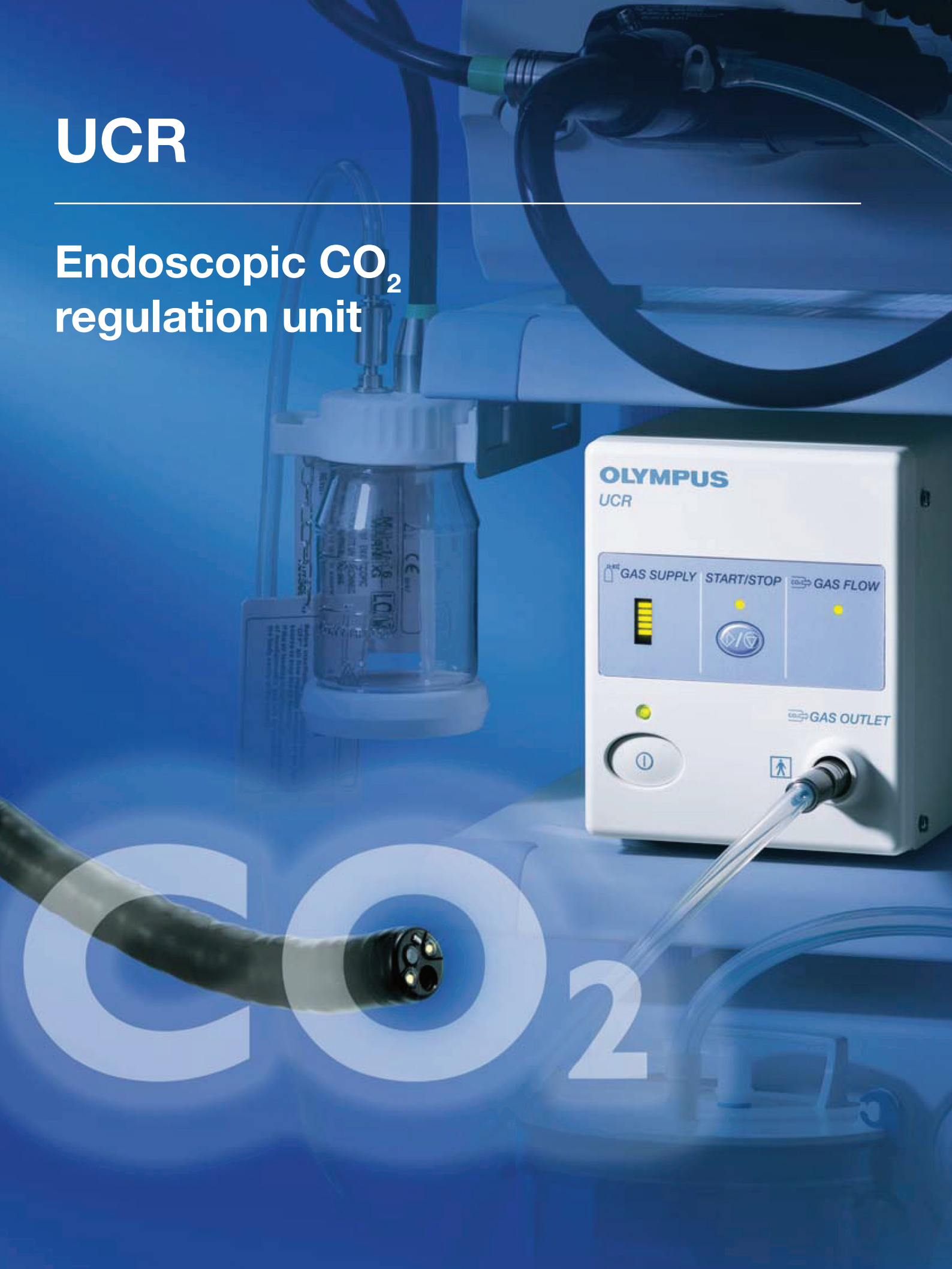
One monopolar soft coagulation mode with minimal sticking for controlled desiccation. Two monopolar forced coagulation modes for fast and effective haemostasis with low and high power capabilities.

→ The innovation: two modes suitable for deep tissue denaturation. With acoustic feedback and automatic end-of-procedure detection.



UCR

Endoscopic CO₂ regulation unit



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Endoscopic Ancillaries

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Endoscopic Ancillaries

Flushing Pump

OFP-2 Standard Set



OFP-2



FOOT SWITCH



WATER CONTAINER

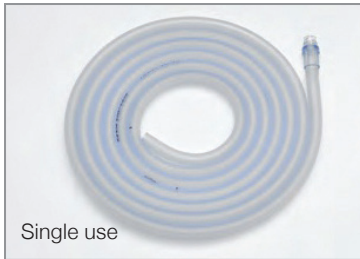
- Standby mode allows quick and safe exchange of water channel tubes without the need to operate the mains switch.
- Pump Head automatically cuts out if opened during operation preventing accidental user injury.
- A 20 second automatic cut-off timer allows controlled irrigation.

Ordering component



MAJ-1606

(Instrument channel adaptor)



MAJ-1607

(Instrument channel water tube)



MAJ-1608

(Auxiliary channel water tube)



MAJ-1651

(Connecting tube set)



MAJ-1652

(Adaptor)



MAJ-1681

(Accessory port tube with bottle cap)

Model number	Order number	Qty. per box	Description
OFP-2	K10001145	1	Flushing pump main unit
MAJ-1606	K10016091	10	Instrument channel adaptor
MAJ-1607	K10016136	50	Instrument channel water tube
MAJ-1608	K10016135	50	Auxiliary channel water tube
MAJ-1651	K10023086	10	Peristaltic tube, connecting tube and bottle cap
MAJ-1652	K10020736	100	Adaptor that connects MAJ-1651 to the auxiliary water channel of the endoscope
MAJ-1681	K10026641	10	Tubing set for use with Olympus Dualknife J, TT Knife J and Hook Knife J

Endoscopic Ancillaries

UCR

Endoscopic CO₂ regulation unit

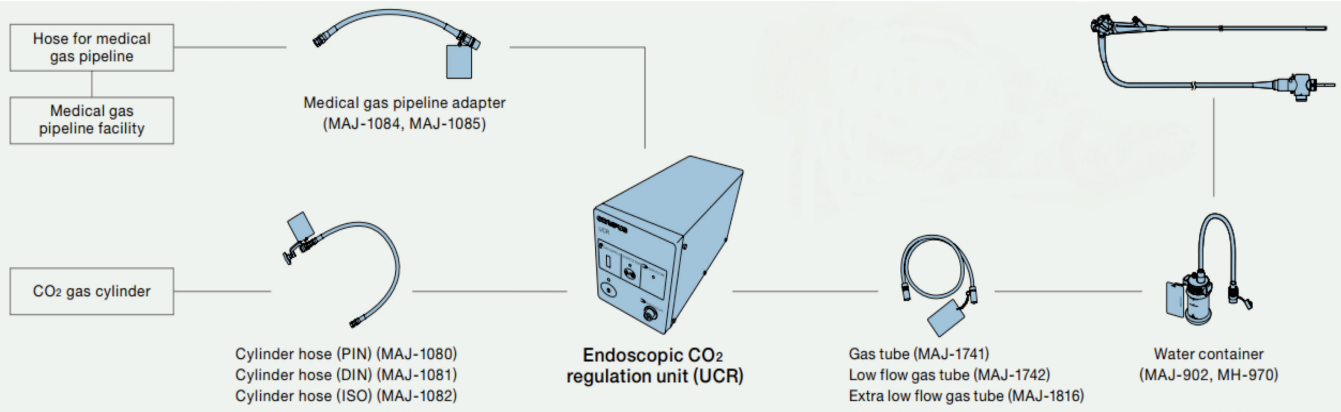


- About 150 times faster than conventional air, carbon dioxide's rapid absorption properties keep abdominal distension and related pain to a minimum during the procedure and speed up recovery afterwards.
- Easy, reliable one-button start/stop operation, pressure display, and timer function to automatic Co2 insufflation shutoff.
- Compact design allows the UCR to fit easily on an endoscopic workstation.
- Three controlled flow rate settings are available, by using the appropriate corresponding tubing. Tubes are optional.

UCR Technical information

UCR	Specification
Dimension (W x D x H)	125 x 300 x 150 mm (housing dimensions)
Weight	4.9 kg.
Applicable gas	CO ₂ gas for medical use (Connectable to CO ₂ cylinder or medical gas pipeline)
Air feeding pressure	Maximum pressure feed 45 kPa
Power requirements	
Frequency	50/60 Hz
Voltage AC	100-120 V (USA), 100-240 V (Other areas)
Voltage fluctuation	Within ±10%
Input	40 VA

Model Number	Quantity	Description
MAJ-1080	1	CYLINDER HOSE (PIN TYPE)
MAJ-1081	1	CYLINDER HOSE (DIN TYPE)
MAJ-1082	1	CYLINDER HOSE (ISO TYPE)
MAJ-1084	1	MEDICAL PIPELINE ADAPTER (NIST TYPE)
MAJ-1741	1	GAS TUBE
MAJ-1742	1	LOW FLOW GAS TUBE
MAJ-1816	1	EXTRA LOW FLOW GAS TUBE



Endoscopic Ancillaries

Endosonic ultrasonic cleaner



- Simple to operate
- Large tank
- Ergonomically designed
- Finished in highly durable polyester paint

Endosonic Technical information

Specifications	
Dimension (W x D x H)	500 x 430 x 270 mm (housing dimensions)
Weight	10 kg
Power supply	120V 60Hz, 230V 50Hz, 220V 50Hz
Power consumption	500VA
Maximum Tank Capacity	7.5 litres
Electrical Safety	Designed in conformance with EN IEC 61010-1
Regulatory Conformance	Complies with the requirements of Directive 93/42-EEC concerning medical device, Class 1

Biopsy valves



A MB-358



B MAJ-419



C MAJ-853



D MD-495

Model number	Qty. per box	Description	Compatibility
A MB-358	10	Semi-disposable biopsy valve	GIF, CF, PCF, JF, TJF, SIF, GF-UE/UM
B MAJ-419	10	Semi-disposable biopsy valve	GIF-2TH180, CF-2T160, GIF-2T160 Double Channel Scopes (Caps not sold individually)
C MAJ-853	10	Semi-disposable biopsy valve	GF-UC140P, GF-UCT140, GF-UCT180
D MD-495	10	Semi-disposable biopsy valve	For all BF Scopes

Endosonic

Endoscopic Ancillaries

Reusable cleaning brushes - coil sheath with ball tip



Model number	Qty. per box	Instruments channel Ø	Area compatibilty
BW-9Y	1	2.8 mm	Enteroscopy
BW-15SH	1	2.0 - 3.2 mm	
BW-15B	1	2.0 - 3.2 mm	
BW-17K	1	5.5 - 6.0 mm	
BW-20T	1	2.0 - 4.2 mm	

Reusable cleaning wire



Model number	Qty. per box	Note	Area compatibilty
BW-16C	10	For MH-908 blind probe and Ultrasonic Brochosopes	

Endoscopic Ancillaries

Single-use cleaning brushes - dual-ended brushes



- Dual-ended brush (two channel cleaning brushes on one sheath)
- Stiffer and thicker bristles for higher cleaning efficiency
- High kink-resistance and pushability due to new flexible sheath
- Plastic tip on distal end of brush wire to protect scope channel

2

Model number	Quantity	Endoscope compatibility	Instrument channel Ø	Area compatibilty
BW-421B	50	For Olympus bronchoscopes, choledochoscopes, naso-pharyngoscopes, cystoscopes, rhino-laryngoscopes and hysteroscopes	2.0-3.2 mm	
BW-422T	50	For all Olympus gastrointestinal endoscopes with instrument channel working length of 1.800 mm or less	2.0-4.2 mm	

Single-use cleaning brushes - combination brushes



- Combination brush (channel cleaning brush and channel opening brush on one sheath)
- Stiffer and thicker bristles for higher cleaning efficiency
- High kink-resistance and pushability due to new flexible sheath
- Plastic tip on distal end of brush wire to protect scope channel

2

Model number	Quantity	Endoscope compatibility	Instrument channel Ø	Area compatibilty
BW-411B	50	Channel cleaning brush part: for Olympus bronchoscopes, choledochoscopes, naso-pharyngoscopes, cystoscopes, rhino-laryngoscopes and hysteroscopes Channel-opening brush part: for all Olympus endoscopes with an instrument channel diameter of 1.2 — 6.0 mm	2.0-3.2 mm	
BW-412T	50	Channel cleaning brush part: For all Olympus gastrointestinal endoscopes with instrument channel working length of 1.800 mm or less Channel-opening brush part: For all Olympus endoscopes with an instrument channel diameter of 1,2 - 6,0 mm	2.0-4.2 mm	

Endoscopic Ancillaries

Single-use cleaning brushes - wire sheath with metal ball tip



- Compatible with working channels between 1,0 and 1,5 mm
- Single-ended brush (thin brush)

2

Model number	Quantity	Endoscope compatibility	Instrument channel Ø	Area compatibilty
BW-400B	10	For BF, CHF, ENF, CYF, LF, HYF videoscope	1.0-1.5 mm	SURG
BW-400L	10	For balloon suction channel of ultrasound scope, for air channel of EVIS videoscope / OES fiberscope 40 series except for L length	1.0-1.5 mm	EUS
BW-400V	10	For instrument channel of CHF-B260, -BP30 for air channel of EVIS videoscope / OES fiberscope 40	1.0-1.5 mm	SURG

Single-use channel-opening cleaning brush



- Channel-opening brush

2

Model number	Quantity	Endoscope compatibility	Instrument channel Ø	Area compatibilty
MAJ-1339	50	For all Olympus endoscopes	1.2-6.0 mm	EUS / URO / SURG / ENT

Endoscopic Ancillaries

Reusable bite blocks



A MB-142



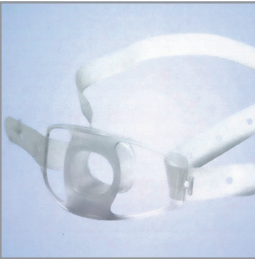
B MA-474



C MA-651

Model number	Qty. per box	Description	Compatibility
A MB-142	1	Adult reusable bite block	All GI Endoscopes with a maximum insertion tube outer diameter 15 mm or less
B MA-474	1	Small reusable bite block	All GI Endoscopes with a maximum insertion tube outer diameter of 10 mm or less
C MA-651	1	Broncho reusable bite block	All Bronchoscopes with a maximum insertion tube outer diameter of 7 mm or less

Single-use bite block



- Larger central opening to accommodate 60 Fr. esophageal dilator
- Larger side ports for better suction of oral fluids
- Softer material for increased patient comfort
- Pre-attached strap for easy fixation

2

Model number	Quantity	Endoscope compatibility
MAJ-1632	50	For all GI endoscopes and bronchoscopes

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Notes

[illegible]