



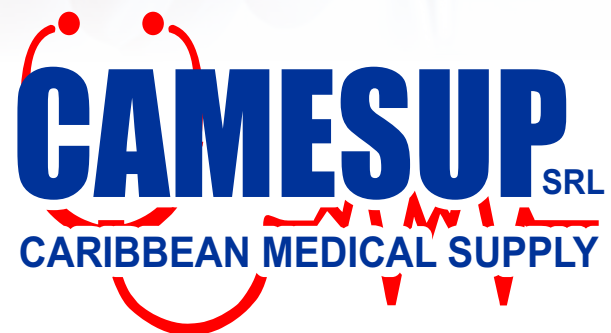
MDSAP
MEDICAL DEVICE SINGLE AUDIT PROGRAM



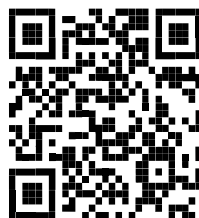
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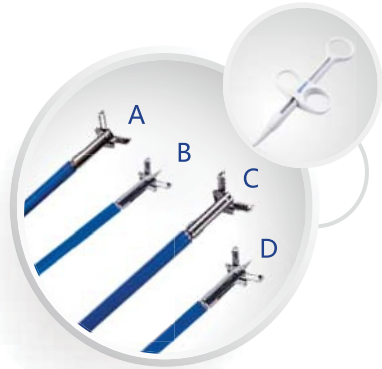


Innovation Achieves Dream

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Single Use Biopsy Forceps



Description:

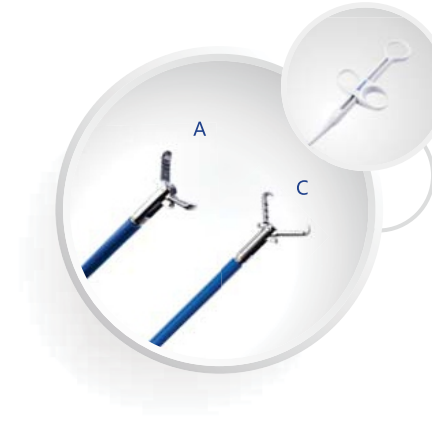
The device is endoscopically inserted into the body orifice to obtain tissue samples.

Features:

1. Using smooth coil to avoid possible damage to the endoscope channel.
2. The device uses a four-link structure to make it easier and more flexible to grasp tissue samples.
3. The device is sterile and easy to operate.

Model	Specification	Forceps Style Description	Forceps cup OD (mm)	Effective Length (mm) ±10%	Minimum Channel Width (mm)
A	MD-A-BF2406	Oval	2.4	600	2.8
	MD-A-BF2412			1200	
	MD-A-BF2416★			1600	
	MD-A-BF2418★			1800	
	MD-A-BF2423			2300	
B	MD-B-BF2406	Oval with spike	2.4	600	2.8
	MD-B-BF2412			1200	
	MD-B-BF2416★			1600	
	MD-B-BF2418★			1800	
	MD-B-BF2423			2300	
C	MD-C-BF2406	Alligator	2.4	600	2.8
	MD-C-BF2412★			1200	
	MD-C-BF2416★			1600	
	MD-C-BF2418			1800	
	MD-C-BF2423			2300	
D	MD-D-BF2406	Alligator with spike	2.4	600	2.8
	MD-D-BF2412★			1200	
	MD-D-BF2416★			1600	
	MD-D-BF2418			1800	
	MD-D-BF2423			2300	
A	MD-A-BF1806	Oval	1.8	600	2
	MD-A-BF1812			1200	
	MD-A-BF1816			1600	
	MD-A-BF1818			1800	
	MD-A-BF1823			2300	
C	MD-C-BF1806	Alligator	1.8	600	2
	MD-C-BF1812★			1200	
	MD-C-BF1816			1600	
	MD-C-BF1818			1800	
	MD-C-BF1823			2300	
A	MD-A-BF1106	Oval	1	600	1.2
	MD-A-BF1112			1200	
C	MD-C-BF1106	Alligator	1	600	1.2
	MD-C-BF1112★			1200	
	MD-C-BF1123★			2300	
	MD-C-BF1128			2800	
A	MD-A-BF3018	Oval	3	1800	3.2
	MD-A-BF3023			2300	

Single Use Grasping Forceps

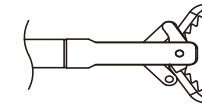


Description:

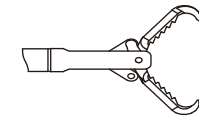
Single use grasping forceps are indicated for use in gastrointestinal tract of the patient to grasp, clip, drag and remove tissue or foreign particle during endoscopic procedures.

Features:

1. The device uses smooth coil to avoid any possible damage to the endoscope channel.
2. The head is precisely designed for grasping foreign body accurately and firmly.
3. The jaws use medical grade stainless steel material. They have great hardness and the blade is sharp which prevents patient from having trauma.



Type A



Type C

Model	Specification	Type	Grasping forceps OD	Effective Length (mm)	Minimum channel width
GRASPING FORCEP FOR 2.8MM SCOPE CHANNELS					
A	MD-A-GF2406	Alligator mouth type	2.4	600	2.8
	MD-A-GF2412			1200	
	MD-A-GF2418			1800	
	MD-A-GF2423★			2300	
C	MD-C-GF2406	Rat tooth & Alligator mouth type	2.4	600	2.8
	MD-C-GF2412			1200	
	MD-C-GF2418			1800	
	MD-C-GF2423★			2300	
GRASPING FORCEP FOR 2.0MM SCOPE CHANNELS					
C	MD-C-GF1806	Rat tooth & Alligator mouth type	1.8	600	2
	MD-C-GF1812			1200	
	MD-C-GF1818			1800	
	MD-C-GF1823★			2300	

Single Use Hemoclip



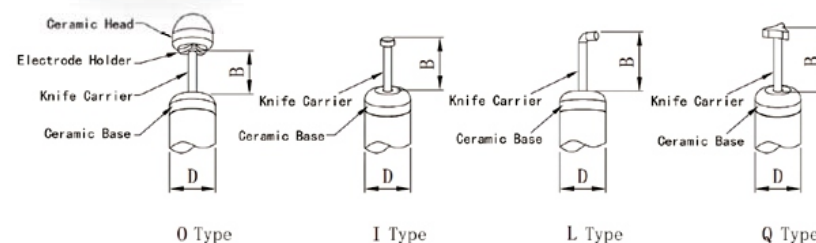
- **Description:**
The single use hemoclip device is indicated for endoscopic clip placement within the gastrointestinal tract for the purpose of endoscopic marking or hemostasis for mucosal defects under 3cm; bleeding ulcers; polyps under 1.5cm in diameter or diverticula in the colon.
- **Features:**
 1. Proper parts left in body to make surgery safer.
 2. Allows many times clip adjustment (reopening and closing) prior deployment.
 3. 360 degrees rotatable.
 4. Unique Coating for smooth insertion into the channel and forbidden from channel damage.

Model	Specification & Model	Clip Opening (mm)	Rotatable (Yes/No)	Working Length (mm)	Clip Angle (C°)
G	MD-G-HR-230-12-135-Y	12	Yes	2300	135
	MD-G-HR-195-12-135-Y			1950	
C	MD-C-HR-230-13-135-Y	13		2300	
	MD-C-HR-195-13-135-Y			1950	
L	MD-L-HR-230-15-135-Y★	15		2300	
	MD-L-HR-195-15-135-Y			1950	
A	MD-A-HR-230-16-135-Y★	16		2300	
	MD-A-HR-195-16-135-Y			1950	

Single Use Electrosurgical Knives



- **Description:**
The device is used with endoscopes and electrosurgical units to cut tissue by using high-frequency current in the digestive tract.
- **Features:**
 1. Made with thin knife carrier, which will ensure a flatter cutting edge. Effectively reduce knife sticking and scabbing.
 2. The length of cutting knife is 4mm, suitable for narrow lumens such as the esophagus and colon.
 3. Optimize the cutting length of the blade to easily handle the dissection of thin and thick tissue in the digestive tract.



Model	Specification	Sheath Outer Diameter D (mm)	Cutter Length B (mm)	Working Length (mm)	Adaptive Clamp Channel (mm)
O	MD-O-ES244016	2.4	4.0	1650	2.8
	MD-O-ES244019			1950	
	MD-O-ES244023★			2300	
I	MD-I-ES242016		2.0	1650	
	MD-I-ES242019★			1950	
	MD-I-ES242023			2300	
	MD-I-ES241519★			1950	
L	MD-L-ES244019		4.0	1950	
	MD-L-ES244023★			2300	
Q	MD-Q-ES244519		4.5	1950	
	MD-Q-ES244523			2300	

Single Use Eletrosurgical Knives

(With Jet Function)

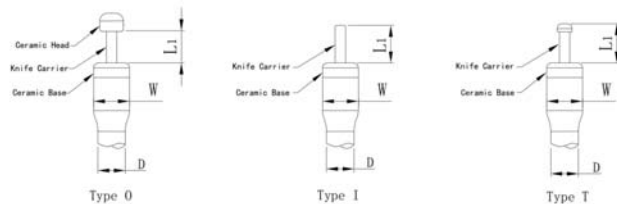


Description:

The device is used with endoscopes and electrosurgical units to cut tissue by using high-frequency current in the digestive tract.

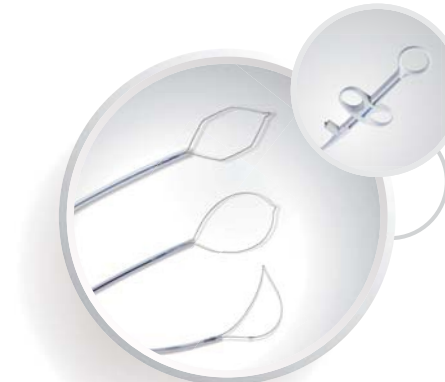
Features:

1. Flushing away the fluid and tissues during the operation, make sure the knife is sharp as new after a long-time operation.
2. Made with thin knife carrier, which will ensure a flatter cutting edge. Effectively reduce knife sticking and scabbing.



Model	Specification	Sheath Outer Diameter D (mm)	Cutter Length L1 (mm)	Working Length (mm)
O	MD-O-WK2350165	2.3	5.0	1650
	MD-O-WK2350195			1950
	MD-O-WK2350230★			2300
I	MD-I-WK2320165		2.0	1650
	MD-I-WK2320195			1950
	MD-I-WK2320230			2300
	MD-I-WK2315195 ★		1.5	1950
	MD-I-WK2340195		4.0	1950
T	MD-T-WK2320165		2.0	1650
	MD-T-WK2320195★			1950
	MD-T-WK2320230			2300

Polypectomy Snare



Description:

The polypectomy snare device is a monopolar electrosurgical device used with an electrosurgical unit for endoscopic polypectomy.

Features:

1. 360° rotatable design, convenient for clinical use.
2. Braided Steel wire, increase tissue contacting area, to achieve the best effect of coagulation, which makes cutting safer.
3. Multi-size and shapes, meets various clinical requirements.
4. Can be operated single-handed.

Model	Specification	Loop size (mm)	Effective Length (mm)	Max. OD
SNARE FOR 2.8MM SCOPE CHANNELS				
E Oval	MD-E-SNR241024	10mm	2400	2.4
	MD-E-SNR241524	15mm		
	MD-E-SNR242524★	25mm		
	MD-E-SNR243224★	32mm		
	MD-E-SNR241018	10mm	1800	
	MD-E-SNR241518	15mm		
	MD-E-SNR242518	25mm		
	MD-E-SNR243218	32mm		
C Crescent	MD-C-SNR242524	25mm	2400	
	MD-C-SNR243224	32mm		
	MD-C-SNR242518	25mm	1800	
	MD-C-SNR243218	32mm		
H Hexagonal	MD-H-SNR242224	22mm	2400	
	MD-H-SNR243224	32mm		
	MD-H-SNR242218	22mm	1800	
	MD-H-SNR243218	32mm		
SNARE FOR 2.0MM SCOPE CHANNELS				
E Oval	MD-E-SNR181024	10mm	2400	1.8
	MD-E-SNR181524	15mm		
	MD-E-SNR181018	10mm	1800	
	MD-E-SNR181518	15mm		

Sclerotherapy Needles



Description:

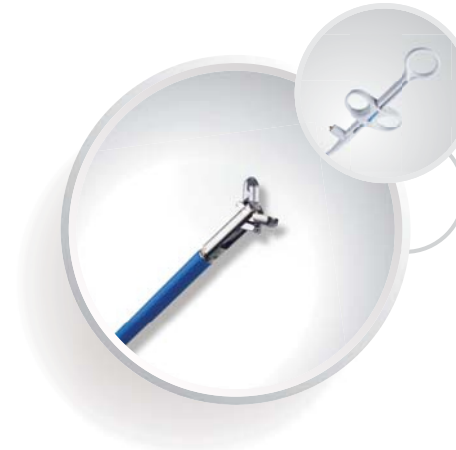
The sclerotherapy needles are used for endoscopic injection with a sclerosing agent, vasoconstrictor or other solutions into gastrointestinal mucosa and submucosa to aid in EMR, ESD or polypectomy procedures.

Features:

1. Extremely sharp needle, precise cut.
2. Wide variation of needle lengths and gauge sizes.
3. Audible and tactile click response confirms needle extension and retraction.
4. High flow Lumen: a larger lumen allows smooth injection of high viscosity liquids with light force, a definite advantage in ESD procedures.

Model	Specification	Minimum Channel Width (mm)	Needle OD (G)	Effective Length (mm)	Needle Length (mm)
A	MD-A-SY-2423-2104	2.4	21	2300	4
	MD-A-SY-2423-2304 ★		23		
	MD-A-SY-2423-2504 ★		25		
	MD-A-SY-2418-2104		21	1800	
	MD-A-SY-2418-2304		23		
	MD-A-SY-2418-2504		25		
	MD-A-SY-2423-2106		21	2300	6
	MD-A-SY-2423-2306		23		
	MD-A-SY-2423-2506		25		
	MD-A-SY-2418-2106		21	1800	
	MD-A-SY-2418-2306		23		
	MD-A-SY-2418-2506		25		

Hot Biopsy Forceps



Description:

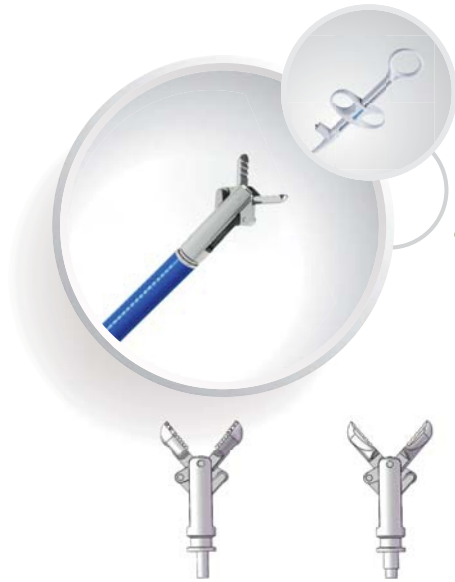
This device is used endoscopically in conjunction with monopolar electro-surgical current to obtain gastrointestinal mucosal tissue biopsies and for removal of sessile polyps

Features:

1. Excellent cutting characteristics and high quality riveted scissors joints.
2. Insulation coating: prevent the current contact with tissue during procedure.

Specification	Outer Diameter (mm)	Working Length (mm)	Working Channel (mm)
MD-A-HF2406	2.4	600	2.8
MD-A-HF2412		1200	
MD-A-HF2416		1600	
MD-A-HF2418		1800	
MD-A-HF2420		2000	
MD-A-HF2423		2300	
MD-B-HF1806	1.8	600	2.0
MD-B-HF1812		1200	
MD-B-HF1816		1600	
MD-B-HF1818		1800	
MD-B-HF1820		2000	
MD-B-HF1823		2300	

Single Use Electrosurgical Hemostatic Forceps



Type A

Type C

Type D

Type E

Description:

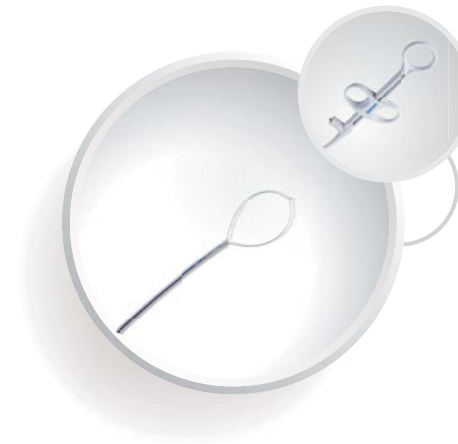
This device is used endoscopically in conjunction with electrosurgical units to cauterize and coagulate or to perform hemostasis using high-frequency current within the digestive tract.

Features:

1. All models come with rotatable version and non-rotatable version for your opinion.
2. Using special material to stop the bleeding more effectively.
3. Different length and jaw size available.
4. Single packaged and sterilized.

Model	Specification	Rotation (Y/N)	Effective Length (mm)	Minimum Channel (mm)
A	MD-A-HEYS-2418	Y	1800	J 2.8
B	MD-B-HEYS-2418	Y	1800	J 2.8
C	MD-C-HEYS-2418	Y	1800	J 2.8
D	MD-D-HEYS-2418★	Y	1800	J 2.8
	MD-D-HENS-2418	N	1800	J 2.8
E	MD-E-HEYS-2418	Y	1800	J 2.8

Polypectomy Snare (NON-ELECTRICAL)



Description:

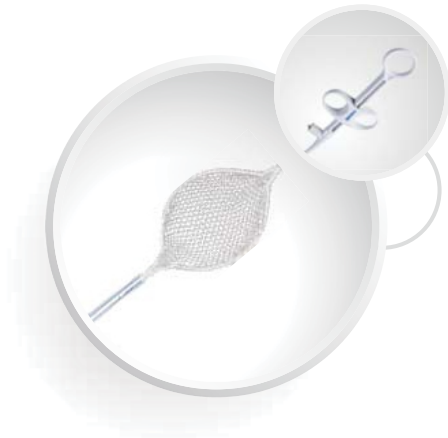
The Polypectomy Snare is intended to be used without electro-cautery for the endoscopic resection of diminutive polyps ($\leq 9\text{mm}$) in the gastrointestinal tract.

Features:

1. The cutting wire is made with unique materials and special weaving methods, which make it sharper.
2. The cold snare will cause less bleeding compare to an electrical snare.
3. Convenient to operate, can be used with one hand.

Model	Specification	Opening Width (mm)	Effective Length (mm)	Max OD (mm)
E Oval	MD-E-FL241024	10	2400	2.4
	MD-E-FL241018		1800	
	MD-E-FL241524	15	2400	
	MD-E-FL241518		1800	
	MD-E-FL242524	25	2400	
	MD-E-FL242518		1800	
E Oval	MD-E-FL181024	10	2400	1.8
	MD-E-FL181018		1800	
	MD-E-FL181524	15	2400	
	MD-E-FL181518		1800	
	MD-E-FL182524	25	2400	
	MD-E-FL182518		1800	

Single Use Retrieval Snare Net



Description:

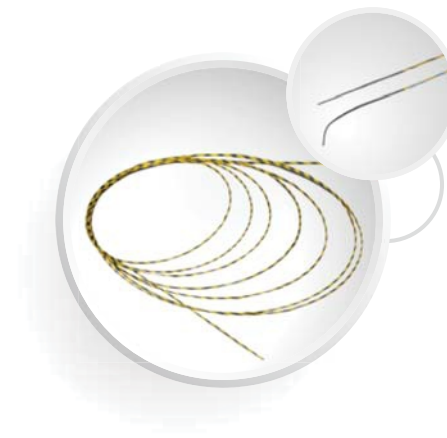
This product is used together with endoscope, and is suitable for removing foreign bodies in digestive tract.

Features:

1. Unique net design, locking foreign objects to prevent them from falling inside the body.
2. Convenient to use - can be operated with one hand.
3. Sterilized and single packaged.

Specification	String Bag Width W (mm)	Shape	Effective Length (mm)	Maximum Diameter of Inserted Part (mm)
MD-E-NFR242024	20mm	Oval	2400	2.4
MD-E-NFR242518★	25mm		1800	
MD-E-NFR242524★	25mm		2400	
MD-E-NFR243018★	30mm		1800	
MD-E-NFR243024★	30mm		2400	
MD-E-NFR243524	35mm		2400	
MD-E-NFR244024	40mm		2400	

Single Use Guidewire



Description:

This device is intended for use in selective cannulation of the biliary ducts including, but not limited to the common bile, cystic, pancreatic ducts, right and left hepatic ducts. It is designed for use in during endoscopic procedures for catheter introduction and exchanges.

Features:

1. Radiopaque maker: Visual tip under fluoroscopy and Maximum flu.
2. Super Nitinol Core wire: allows maximum deflection without kinking.
3. Hydrophilic coating: reduce friction to provide easier advancement.
4. Different choices of tip: to satisfied different needs, choice of soft or stiffness, angled or straight ends.

Model	Specification	Max OD(inches)	Length
S Straight	MD-S-GW2545	0.025	4500
	MD-S-GW3545	0.035	4500
	MD-S-GW2526	0.025	2600
	MD-S-GW3526	0.035	2600
A Angled	MD-A-GW2545	0.025	4500
	MD-A-GW3545	0.035	4500
	MD-A-GW2526	0.025	2600
	MD-A-GW3526	0.035	2600

Sphincterotomes



Description:

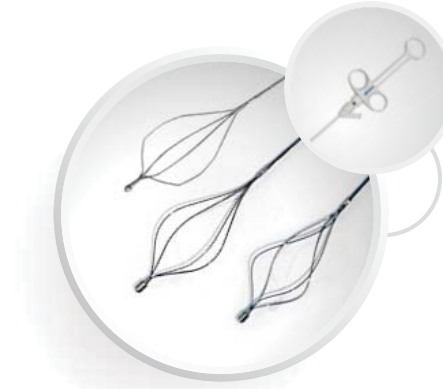
The Sphincterotome is indicated for use in the cannulation of the biliary ducts and the transendoscopic sphincterotomy of the Papilla of Vater and/or the Spincter of Oddi. The device is supplied sterile and intended for single use only.

Features:

1. 11 o'clock tip orientation: easy to operate.
2. Monofilament and insulation coating cutting wire: proper cut and injure controlling.
3. Radiopaque marker: visual tip under fluoroscopy and maximum flu.
4. This device is only compatable with the long guidewire of 4500mm.

Model	Specification	Outer Diameter (mm)	Tip Length (mm)	Cutting Length (mm)	Working Length (mm)
A Cutting Wire	MD-A-TM1520	2.4	15	20	2000
	MD-A-TM0520		5		
	MD-A-TM1525		15	25	
	MD-A-TM0525★		5		
	MD-A-TM1530		15	30	
	MD-A-TM0530		5		
	B Needle		MD-B-TM0604	6	

Single Use Stone Retrieval Baskets



Description:

Single Use Stone Retrieval Baskets are used with flexible endoscopes to retrieve foreign bodies, calculi or dropped tissue specimens from the digestive tract.

Features:

1. Smooth sheath to protect channel and easy for operation.
2. The wire of the basket is powerful but friendly.
3. Good complaisance to protect the tissue from cratching during the stone retrieval.

Model	Specification	Basket Width (mm)	Basket Length (mm)	Insert Max OD (mm)	Total length (mm)	Basket Type			
A	MD-A-RN-N201818	20	40	1.8	1800	Oval			
	MD-A-RN-N201823				2300				
	MD-A-RN-N202419			2.4	1950				
	MD-A-RN-N202423				2300				
	MD-A-RN-N302419	30	60		1950				
	MD-A-RN-N302423				2300				
B	MD-B-RN-N202419	20	40	2.4	1950	Spiral			
	MD-B-RN-N202423				2300				
C	MD-C-RN-N202419				20	40	2.4	1950	Angular
	MD-C-RN-N202423							2300	

Single Use Stone Retrieval Balloons



Description:

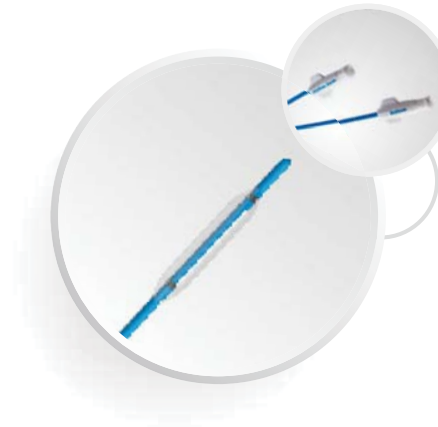
The device is used with an endoscope to remove biliary calculi, providing a passage-way for guidewire insertion and injection of contrast agent during the procedure.

Features:

1. Made by high-quality latex provide good durability and security.
2. Two radiopaque markers facilitate positioning of X-ray.
3. Triple-lumen designed for optimized injection flow rate.
4. Tapered catheter design improves the pushability.

Specification	Sheath Diameter (+0.1,-0.1) (mm)	Balloon Diameter (+2,-1) (mm)	Recommend Guide Wire (inch)	Working Length (mm)
MD-T-RB-2317-12	2.3/1.7	12	0.035/ 0.025	2000
MD-T-RB-2317-15		15		
MD-T-RB-2317-18		18		
MD-T-RB-2317-85-12-15		8.5-12-15		
MD-T-RB-2317-12-15-18		12-15-18		

Single Use Balloon Dilatation Catheters (Single Stage)



Description:

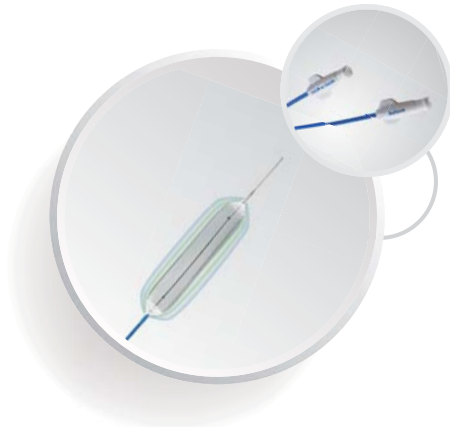
The device is indicated for use for dilating strictures in gastrointestinal tract and respiratory tract. It is intended for single use.

Features:

1. Semi-compliant balloon can be suitable for different digestive tract.
2. Made by high pressure resistance material to ensure the safety of dilation.
3. Clear balloon which is convenient for observing dilation, tearing and bleeding.
4. Triplicate-wings folding easy to pass through the working channel.
5. Equipped with two radiopaque marks, easy to observe under X-ray.

Specification	Sheath Outer Diameter × Sheath Length (mm × mm)	Balloon OD × Balloon Length (mm × mm)	Identified Pressure (atm)	Max Pressure (atm)	Recommend Guide Wire (inch)
MD-C-DB-2319-0640	2.3 × 1900	6 × 40	8	9	0.035
MD-C-DB-2319-0840★		8 × 40	8	9	
MD-C-DB-2319-1040★		10 × 40	8	9	
MD-C-DB-2319-1240★		12 × 40	6	7	
MD-C-DB-2319-1440		14 × 40	5	6	
MD-C-DB-2319-1260		12 × 60	6	7	
MD-C-DB-2319-1460		14 × 60	5	6	
MD-C-DB-2319-1280		12 × 80	6	7	
MD-C-DB-2319-1480		14 × 80	5	6	
MD-C-DB-2319-1640		16 × 40	5	6	
MD-C-DB-2319-1660		16 × 60	5	6	
MD-C-DB-2319-1880		18 × 80	5	6	

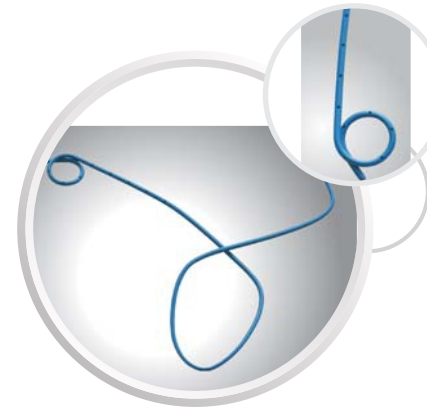
Single Use Balloon Dilatation Catheters (Three Stages)



- **Description:**
The device is indicated for use for dilating strictures in gastrointestinal tract and respiratory tract. It is intended for single use.
- **Features:**
 1. Each balloon can gradually reach three different diameter.
 2. The clear material and balloon design supports visualization throughout the procedure.
 3. All wire-guided balloons feature two radiopaque markers, allowing for accurate placement across the stricture.
 4. The rounded tip aids in the smooth passage of the balloon across the stricture.

Specification	Ballon OD (mm)	Ballon Length (mm)	Catheter OD (mm)	Catheter Length (mm)	Minimum Channel Size (mm)
MD-C-MDB-2318-0655	6-7-8	55	2.3	1800	2.8
MD-C-MDB-2318-0680		80			
MD-C-MDB-2323-0655		55		2300	
MD-C-MDB-2323-0680		80			
MD-C-MDB-2318-0855	8-9-10	55		1800	
MD-C-MDB-2318-0880		80			
MD-C-MDB-2323-0855		55		2300	
MD-C-MDB-2323-0880		80			
MD-C-MDB-2318-1055	10-11-12	55		1800	
MD-C-MDB-2318-1080		80			
MD-C-MDB-2323-1055		55		2300	
MD-C-MDB-2323-1080		80			
MD-C-MDB-2318-1255	12-13.5-15	55		1800	
MD-C-MDB-2318-1280		80			
MD-C-MDB-2323-1255		55		2300	
MD-C-MDB-2323-1280		80			
MD-C-MDB-2318-1555	15-16.5-18	55		1800	
MD-C-MDB-2318-1580		80			
MD-C-MDB-2323-1555		55		2300	
MD-C-MDB-2323-1580		80			
MD-C-MDB-2318-1855	18-19-20	55		1800	
MD-C-MDB-2318-1880		80			
MD-C-MDB-2323-1855		55		2300	
MD-C-MDB-2323-1880		80			

Single Use Biliary Drainage Catheters



- **Description:**
Used for biliary drainage during endoscopic biliary stone surgery of gallbladder removal.
- **Features:**
 1. The drainage tube is very smooth and soft, that makes more comfortable for patient.
 2. Available for whole section development, good distal fixation effect.

Model	Specification	Shape	Pipe Diameter (Fr)	Length (mm)	Recommend Guide Wire (inch)
A	MD-A-NC-7F	a	7(2.33mm)	1900	0.035
B	MD-B-NC-7F	pigtail			
C	MD-C-NC-7F	a + pigtail L			
D	MD-D-NC-7F ★	a + pigtail R			

Disposable Endoscopic Ultrasound Aspiration Needles (FNA)



- **Description:**

This device is used to sample targeted submucosal gastrointestinal lesions through the accessory channel of an ultrasound endoscope.

- **Features:**

1. One time use helps reduce cross-contamination.
2. Superior needle visibility.
3. Sharp needle grind.
4. Large needle opening profile ensure better specimen.

Specification	Needle G	OD (mm)	Sheath Length (mm)	Maxium Needle Length (mm)
MD-A-EN-1980 ★	19G	1.7-1.8	1415±10	78±2
MD-A-EN-2080	20G			
MD-A-EN-2180	21G			
MD-A-EN-2280 ★	22G			
MD-A-EN-2380	23G			
MD-A-EN-2580 ★	25G			

Disposable Endoscopic Ultrasound Fine Needle Biopsy (FNB) Devices



- **Description:**

The Disposable Endoscopic Ultrasound Fine Needle Biopsy (FNB) Devices is used with an ultrasound endoscope for fine needle biopsy (FNB) of submucosal lesions, mediastinal masses, lymph nodes and intraperitoneal masses within or adjacent to the gastrointestinal tract.

- **Features:**

1. One time use helps reduce cross-contamination.
2. Superior needle visibility.
3. Sharp needle grind.
4. Large needle opening profile ensure better specimen.

Specification	Needle G	OD (mm)	Sheath Length (mm)	Maxium Needle Length (mm)
MD-A-EB-1980 ★	19G	1.7-1.8	1415±10	78±2
MD-A-EB-2080	20G			
MD-A-EB-2180	21G			
MD-A-EB-2280 ★	22G			
MD-A-EB-2380	23G			
MD-A-EB-2580 ★	25G			

Multi-Band Ligators



- **Description:**

Used for clinics and endoscopes for vascular ligation of esophageal varices or for ligation of internal hemorrhoids.

- **Features:**

1. The ferrule is made of polymer material, which is not easy to remove and has a low chance of being rejected by the body.
2. The bearing rod is made of aviation grade materials, with light weight and high strength.
3. Trigger the cable without the risk of plastic debris scattering, easy and safe operation.

Model	Specification	Number of Band (pcs)	Working Length (mm)	Compatible Diameter of Endoscope Insertion Tube (mm)
S	MD-S-ML06142	6	1420	8.5 - 9.2
	MD-S-ML10142	10		
M	MD-M-ML06142	6		9.5 - 11.5
	MD-M-ML10142	10		
L	MD-L-ML06142	6		11.6 - 14
	MD-L-ML10142	10		

Single Use Cytology Brush



- **Description:**

Collect cell samples from the human gastrointestinal tract and respiratory tract via endoscope in order to understand disease pathology.

- **Features:**

1. Ball-shaped type effectively reducing the friction and largely reduce the risk of endoscope channel damage.
2. Suitable stiffness bristles for easy sampling.
3. Integrated brush, not easy to peel off.

Model	Specification	Minimum Working Channel (mm)	Effective Shaft Length (mm)	Brush Diameter (mm)	Brush Length (mm)	Brush Type
L	MD-L-CB-2012-2010	J 2.0	1200	J 2.0	10	Straight Shaped Brush
	MD-L-CB-2016-2010		1600			
	MD-L-CB-2012-3010		1200	J 3.0		
	MD-L-CB-2012-5010		1200	J 5.0		
	MD-L-CB-1212-2006	J 1.2	1200	J 2.0	6	
U	MD-U-CB-2012-4008	J 2.0	1200	J 4.0	8	U SHAPE D Brush
	MD-U-CB-2016-4008		1600			

Cleaning Brushes

Description:

This device is used to clean the endoscope channel.

Features:

1. High density bristles.
2. Different sizes for customers choose.
3. Different or same on two sides.
4. Rounded tip allows for easy visualization when immersed in cleaning solution and protects against inadvertent channel damage.



Model	Specification	Brush Diameter (mm)	Working Length (mm)
A Single Brushes	MD-A- BR- 1202	2	1200
	MD-A- BR- 1206	6	1200
	MD-A- BR- 1606		1600
	MD-A- BR- 2306		2300
C Three Brushes	MD-C- BR- 1606	6	1600
	MD-C- BR- 2306		2300
B Double Brushes	MD- B- BR- 1206	6	1200
	MD- B- BR- 1606		1600
	MD- B- BR- 2306		2300
D Valve Brush	MD- D- BR-0510	10	50

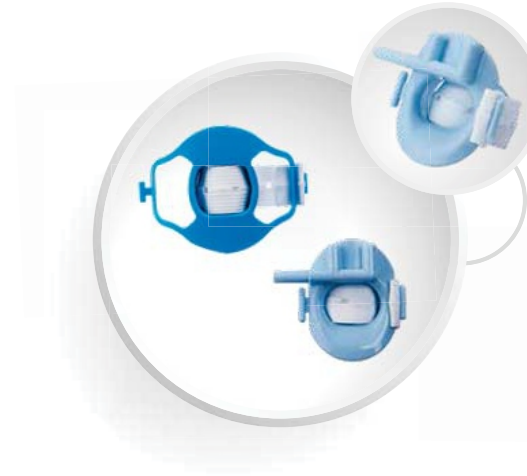
Disposable Bite Blocks

Description:

This product is designed to provide protection against the surgical instruments used through mouths.

Features:

1. Sturdy, yet forgiving material protects delicate instruments and provides comfort for patients.
2. Smooth in the corner of the bite block let patients feel comfortable in surgery.
3. With nasal oxygen option, preventing hypoxia in sedated patients.
4. Design with bandages: safer during surgery.
5. Different types for adult and child.



Specification	For Adults/Children	With strap	With Oxygen Pipe	Sterile	With tongue depressor
MD-BB-AY-01	Adult	Yes	No	No	No
MD-BB-AY-03	Adult		Yes		
MD-BB-CY-01	Child		No		

Polyp Trap



Description:

Used for the collection of medical waste liquid in operation room, medical waste liquor from gastric lavage machine, phlegm in sputum suction machine, gynecological flushing liquid and various drainage fluid.

Features:

1. Smooth Rotation of container.
2. Independent chambers with serial number to make accurate clarification of polyps and specimens and reduce the risk of contact with patent effluent.
3. Filter design helping to minimize time and exposure to bodily fluids.
4. Transparent plastic: make the collection visible.
5. Easy installation and operation.

Model	Specification	Volume(ml)	Chamber	Filter net	Sterile (Yes/No)
A	MD-A-PT40	40	1	No	No
	MD-A-PT70	70	1		
B	MD-B-PT04	/	4	Yes	No
	MD-B-PT05	/	5		

Disposable Biopsy Valves



Description:

It provides access for endoscopic device passage and exchange, helps maintain sufflation, minimizes leakage of biomaterial from the biopsy port throughout the endoscopic procedure, and provides access for irrigation.

Features:

1. Minimize leakage for general GI procedures.
2. Maintain scope pressure while passing devices.
3. One time use helps reduce cross-contamination.
4. Eliminates the need for reprocessing dirty valves.

Specification	Application: Endoscope Compatibility	Sterile
MD-A- BV01	Fit For OLYMPUS & FUJINON GI Endoscopes	YES
MD-A- BV02	Fit For OLYMPUS FUJINON GI Endoscopes	NO
MD- B- BV01	Fit For PENTAX GI Endoscopes	YES
MD- B- BV02	Fit For PENTAX GI Endoscopes	NO

Disposable Valve Sets



Description:

- Disposable Air/Water Valves:**
This device intended to be fitted to an endoscope air/water channel to enable the operator to control inflow of medical gases and water, whilst preventing backflow.
- Disposable Suction Valves:**
The device intended to be fitted to an endoscope suction channel to enable the operator to control suction whilst preventing inflow of air.
- Disposable Biopsy Valves**
This device is intended to be fitted to an endoscope biopsy port to enable access for/exchange of endoscopic devices while maintaining insufflation and minimizing leakage of bio material during an endoscopic procedure

Features:

- Prevent cross-contamination between patients.
- Help eliminate tracking concerns in infection outbreaks.
- Eliminates manual cleaning and reprocessing of reusable valves.
- Different colors for easy identification.
- Individual trays to help protect valves from damage and compact the size.

Model	Specification	Compatible Endoscope Model	Sterilization	Certification	Model
A	MD-A-AW02	Suitable for Olympus 140/160/180/190/240/260 series endoscopes	No	CE	1+2
B	MD-B-AW02		No		1+2+3
A	MD-A-AW01		Yes	FDA	1+2
B	MD-B-AW01		Yes		1+2+3

Endoscope Cleaning Sponge With out) Enzymatic Cleaner



Description:

The Endoscope Cleaning Sponge Without Enzymatic Cleaner or The Endoscope Cleaning Sponge with Enzymatic Cleaner are intended to be soaked in water and used to wipe down the external surfaces of a flexible endoscope as a pre-cleaning step prior to full manual, automated cleaning, and or disinfection.

Features:

- Packaged individually inside the box.
- Two options: With Enzymatic or without Enzymatic.
- Ergonomically shaped design to help ensure full contact on insertion tubes.
- Designed to protect the distal tip of an endoscope during transport.
- Designed with absorbent sponge cell technology to remove harmful bioburden from endoscopes.

Specification	With/Without Enzymatic (Y/N)
MD-A-SB01	NO
MD-B-SB01	YES

Air/Water Bottle Tubing



Description:

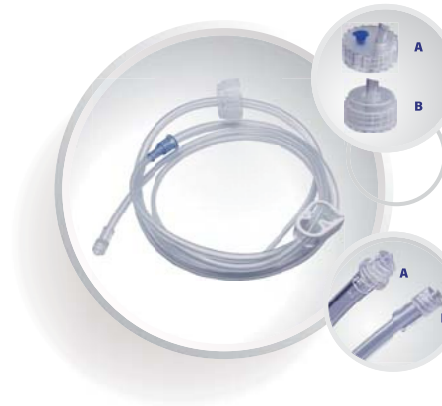
The Air/Water Bottle Tubing is to connect an air/CO₂ source, a sterile water source (water bottle), and an endoscope to supply air/CO₂ and water during gastrointestinal endoscopic procedures. This device is intended to be used for not more than 24 hours. It is a 24-hour multi-patient use device.

Features:

1. Soft enough to repeat connecting and disconnecting multiple times in 24 hours.
2. Designed to have the strength to sustain the pressure and stay on the scope at all time.
3. Compatible with OLYMPUS 140/240, 160/260, 180/280, 190/290 series endoscopes.
4. Sterile individual packing, 24 hours use, discard daily.
5. Compatible with Baxter Water Bottle.

Model	Specification	Working Length (mm)	Working Length (mm)	Water Pipeline I.D (mm)	Water Pipeline O.D (mm)	Air Pipeline I.D (mm)	Air Pipeline O.D (mm)	Air Back Flow Prevention Valve
A	MD-A-SE-70012	700±70	120±12	2.4	3.6	5	8	No
B	MD-B-SE-70212	700±70	2120±212				8	Yes

Endoscopy Irrigation Tubing



Description:

The 24 hour use Endoscopy Irrigation Tubing (tubing and accessories to accommodate various GI endoscopes and irrigation pumps) is intended to provide irrigation via a sterile water bottle during gastrointestinal endoscopic procedures when used in conjunction with an irrigation pump.

Features:

1. Type A: Compatible with ENDOGATOR EGP-100, Olympus OFP, AFU-100, EIP2 pump.
2. Type B: Compatible with Olympus OFP, OFP-2, OFP-3 Plus Irrigation Pump.
3. Sterile individual packing, 24 hours use, discard daily.

Model	Specification	Working Length (mm)	Pipeline I.D (mm)	Pipeline O.D (mm)	Pump Tube Length (mm)	Pump Tube I.D (mm)	Pump Tube O.D (mm)	Backflow Prevention Valve
A	MD-A-IT-3000	3000 ± 300	5	8	180 ± 18	3.2	6.4	Yes
B	MD-B-IT-1880	1880 ± 188	3.2	6.3	850 ± 85	6.4	9.6	No

CO₂ Source Tubing



Description:

The CO₂ Source Tubing is intended to be used with a carbon dioxide (CO₂) source with the purpose of supplying CO₂ to the endoscope during endoscopic procedures.

Features:

1. Non - Sterile.
2. Individual packing.
3. 24-hour multi-patient use device. Discard daily.

Specification	Working Length (mm)	Pipeline I.D (mm)	Pipeline O.D (mm)
MD-A-TS-2100	2100±210	5	8

Covered Esophageal Stent System



- **Description:**
This product is used for the dilation therapy of esophageal, cardiac, and anastomotic strictures, as well as the fistula occlusion therapy of esophageal fistulas.
- **Features:**
 1. The nitinol shape memory alloy self-expanding stent has excellent biocompatibility and corrosion resistance, and also has stable memory properties and superelasticity.
 2. The stent exhibits excellent superelasticity at body temperature, allowing it to conform to esophageal peristalsis.
 3. The both ends of the stent are smooth and rounded, with no sharp edges or burrs, which can significantly reduce damage to the esophageal wall.

Specification	Stent O.D. (mm)	Stent Working Length (mm) (Replace " " with following number)	Introducer (O.D X Working Length) (mm)	Partial Covering(P) or End-End Coevering(F) (F/P)
MD-FA-FE-16/ -6/650	16	60,80,100,120	6X650	F
MD-FA-FE-18/ -8/650	18		8X650	
MD-FA-FE-20/ -8/650	20			
MD-FA-FE-22/ -8/650	22		6X650	
MD-FB-FE-16/ -6/650	16			
MD-FB-FE-18/ -8/650	18		8X650	
MD-FB-FE-20/ -8/650	20			
MD-FB-FE-22/ -8/650	22		6X650	
MD-FC-FE-16/ -6/650	16		8X650	
MD-FC-FE-18/ -8/650	18			
MD-FC-FE-20/ -8/650	20			
MD-FC-FE-22/ -8/650	22			
MD-PA-FE-16/ -6/650	16		6X650	P
MD-PA-FE-18/ -8/650	18		8X650	
MD-PA-FE-20/ -8/650	20			
MD-PA-FE-22/ -8/650	22			

Covered Biliary Stent System



- **Description:**
This product is used for the interventional treatment of malignant biliary strictures.
- **Features:**
 1. The stent is soft at 0-10 °C (or ice water), malleable and easy to load into the introducer. Released in the body (>33 °C), it immediately reverts to its original form
 2. The stent's ends are designed to be smooth and rounded, without sharp points or burrs, significantly lessening harm to the esophageal wall.
 3. The material used in the introducer is non-toxic to the human body and free of side effects. During stent delivery, the introducer can conform to the body's physiological curvatures and, under the guidance of a guidewire, can pass through the stenotic segment.

Specification	Stent O.D. (mm)	Stent Working Length (mm)	Introducer (O.D X Working Length) (mm)	Partial Covering(P) or End-End Covering(F) (F/P)
MD-F-FB-06/40-3/1800	6	40	3X1800	F
MD-F-FB-06/60-3/1800		60		
MD-F-FB-06/80-3/1800		80		
MD-F-FB-08/40-3/1800	8	40		
MD-F-FB-08/50-3/1800		50		
MD-F-FB-08/60-3/1800		60		
MD-F-FB-08/70-3/1800		70		
MD-F-FB-08/80-3/1800		80		
MD-F-FB-10/40-3/1800	10	40		
MD-F-FB-10/50-3/1800		50		
MD-F-FB-10/60-3/1800		60		
MD-F-FB-10/70-3/1800		70		
MD-F-FB-10/80-3/1800		80		
MD-P-FB-08/60-2.7/1800	8	60	2.7X1800	P
MD-P-FB-08/80-2.7/1800		80		
MD-P-FB-10/50-2.7/1800	10	50		
MD-P-FB-10/70-2.7/1800		70		