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SURGICAL SOLUTIONS FOR MINIVASIVE SURGERIES



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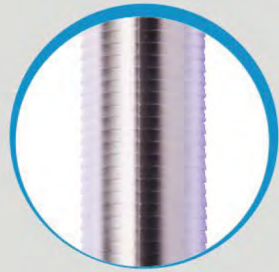
Disposable Optical Trocar

Features

- Optical tip provides direct visualization and eliminates blind entry.
- Separates, rather than cuts, along tissue fibers, pushing tissue and vessels away to achieve a low rate for incisional hernia.
- Dual universal seal with no reducer needed, effectively maintain abdominal pneumoperitoneum while instruments exchanging from one to another.
- Allows extraction of larger specimens through removable outer seal.
- Single use to prevent cross infection.



Universal seal



Threaded design



Optical



Detachable Housing

Product specification

Product	Description	Model Name	EA/BX
Optical Trocar (transparent plastic obturator)	Cannula + Obturator (5*100mm)	101Y.602	8
	Cannula + Obturator (10*100mm)	101Y.605	6
	Cannula + Obturator (12*100mm)	101Y.607	6
	2 Cannulas+ 1 Obturator (5*100mm)	101Y.621	12
	2 Cannulas + 1 Obturator (10*100mm)	101Y.622	10
	2 Cannulas + 1 Obturator (12*100mm)	101Y.623	10
	4 Cannulas + 2 Obturators (5/10*100mm) + Veress Needle+Endobag	101Y.611	1
	4 Cannulas + 2 Obturators (5/12*100mm) + Veress Needle+ Endobag	101Y.616	1

Product specification

Product	Description	Model Name	EA/BX
Optical Trocar (stainless steel obturator)	Cannula + Obturator (3*65mm)	101Y.301A	8
	Cannula + Obturator (5*70mm)	101Y.303A	8
	Cannula + Obturator (5*100mm)	101Y.302	8
	Cannula + Obturator (10*100mm)	101Y.305	6
	Cannula + Obturator (12*100mm)	101Y.307	6
	Cannula (5*100mm)	101Y.302-1000	12
	Cannula (5*70mm)	101Y.303A-1000	12
	Cannula (10*100mm)	101Y.305-1000	10
	Cannula (12*100mm)	101Y.307-1000	10
	2 Cannulas+ 1 Obturator (5*100mm)	101Y.321	12
	2 Cannulas + 1 Obturator (10*100mm)	101Y.322	10
	2 Cannulas + 1 Obturator (12*100mm)	101Y.323	10
	4 Cannulas + 2 Obturators (5/10*100mm) + Veress Needle+ Endobag	101Y.311	1
	4 Cannulas + 2 Obturators (5/12*100mm) + Veress Needle+ Endobag	101Y.316	1

Disposable Auto Shielded Trocar

Features

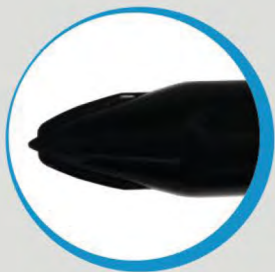
- Uniquely designed blade divides tissue cleanly and precisely with control upon insertion through the abdominal wall;
- Safety lock indicates when blade is shielded or exposed.
- Ergonomic trocar handle and stopcock with adequate length.



Disposable Bladeless Trocar

Features

- Cross-shaped gland bush reduce smudging during endoscope reinsertions.
- Two layers (Umbelliform gland bush and Cross-shaped gland bush) sealing system achieve excellent sealing performance.
- Threaded design maximizes abdominal wall retention.



Product specification

Product	Description	Model Name	EA/BX
Bladed Trocar(Auto-shielded)	Cannula + Obturator (5*100mm)	101Y. 402	8
	Cannula + Obturator (10*100mm)	101Y. 405	6
	Cannula + Obturator (12*100mm)	101Y. 407	6
	2 Cannulas + 1 Obturator (5*100mm)	101Y. 421	12
	2 Cannulas + 1 Obturator (10*100mm)	101Y. 422	10
	2 Cannulas + 1 Obturator (12*100mm)	101Y. 423	10
	4 Cannulas + 2 Obturators (5/10*100mm) + Veress Needle + Endobag	101Y. 411	1
	4 Cannulas + 2 Obturators (5/12*100mm) + Veress Needle + Endobag	101Y. 416	1

Product specification

Product	Description	Model Name	EA/BX
Bladeless Trocar	Cannula + Obturator (5*100mm)	101Y. 202	8
	Cannula + Obturator (10*100mm)	101Y. 205	6
	Cannula + Obturator (12*100mm)	101Y. 207	6
	Cannula + Obturator (5*130mm) for bariatric surgery	101Y. 204	8
	Cannula + Obturator (10*150mm) for bariatric surgery	101Y. 206	6
	Cannula + Obturator (12*150mm) for bariatric surgery	101Y. 208	6
	Cannula + Obturator (15*100mm)	101Y. 210	6
	2 Cannulas + 1 Obturator (5*100mm)	101Y. 221	12
	2 Cannulas + 1 Obturator (10*100mm)	101Y. 222	10
	2 Cannulas + 1 Obturator (12*100mm)	101Y. 223	10
	4 Cannulas + 2 Obturators (5/10*100mm) + Veress Needle + Endobag	101Y. 211	1

Disposable Balloon Trocar

Features

- The combined advantages of the balloon and fixation ring or soft anchor configuration create a stable entry port which delivers an excellent tamponade effect to stop bleeding while reducing the gas loss at the port- site.
- Balloon design to reduce migration of the trocar sleeve no dislocation will occur when instrument exchanging.
- Facilitates direct visualization during trocar placement. This provides the surgeon with more control and reduced trauma of patient.



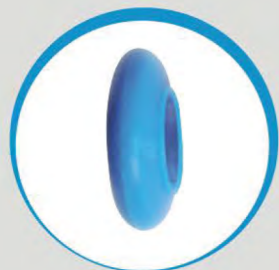
Universal seal



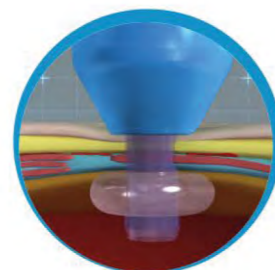
Soft anchor



Balloon design



Fixation ring



Unique combination



Product specification

Product	Description	Model Name	EA/BX
Hasson Trocar (with soft anchor)	Hasson cannula + Optical obturator (5*100mm)	101Y. D02	8
	Hasson cannula + Optical obturator (10*100mm)	101Y. D05	6
	Hasson cannula + Optical obturator (12*100mm)	101Y. D07	6
	Hasson cannula + Blunt obturator (5*100mm)	101Y. B02D	8
	Hasson cannula + Blunt obturator (10*100mm)	101Y. B05D	6
	Hasson cannula + Blunt obturator (12*100mm)	101Y. B07D	6
	Hasson cannula (5*100mm)	101Y.D02-1000	8
	Hasson cannula (10*100mm)	101Y.D05-1000	6
	Hasson cannula (12*100mm)	101Y.D07-1000	6

Product specification

Product	Description	Model Name	EA/BX
Balloon Trocar (with fixation ring)	Balloon cannula + Optical obturator (5*100mm)	101Y. 902	8
	Balloon cannula + Optical obturator (10*100mm)	101Y. 905	6
	Balloon cannula + Optical obturator (12*100mm)	101Y. 907	6
	Balloon cannula + Blunt obturator (5*100mm)	101Y.G02D	8
	Balloon cannula + Blunt obturator (10*100mm)	101Y.G05D	6
	Balloon cannula + Blunt obturator (12*100mm)	101Y.G07D	6
	Balloon cannula (5*100mm)	101Y.902-1000	8
	Balloon cannula (10*100mm)	101Y.905-1000	6
	Balloon cannula (12*100mm)	101Y.907-1000	6

Disposable Pediatric Trocar

Features

- With compact structure, designed specially for infants and young children.
- Reduced OD diameter is of great significance to minimize the incision, which allows patients get earlier and faster recovery.
- Special design for abdominal wall fixator, enables trocar core sheath stable fixation at the desired point, preventing unnecessary movement during the operation.
- Cannula body adopts stainless steel material to ensure the hardness in the operation.



Product specification

Product	Description	Model Name	EA/BX
Pediatric Trocar	Cannula + Obturator (3*50mm)	101Y.201	10
	Cannula + Obturator (5*80mm)	101Y.203	10

Disposable Single Port

Features

- Integrated seal system eliminates the need of trocars.
- Removable seal cap for easy specimen retrieval.
- Offers unmatched articulation.
- Maintains pneumoperitoneum.
- Reduces the risk of wound infections.



Product specification

Product	Description	Model Name	EA/BX
Single port	Cannula (Φ5*3, Φ10*1) + Wound protector 50mm	101Y.F42	4
	Cannula (Φ5*2, Φ10*1, Φ12*1) + Wound protector 70mm	101Y.F53	4
	Cannula (Φ5*2, Φ10*1, Φ12*1) + Wound protector 90mm	101Y.F63	4



Blunt Tip



Removable seal



Threaded cannula

Disposable Thoracoscopic Trocar

Features

- Threaded flexible sleeve with a shroud at its proximal end to protect against foreign materials entering the chest cavity, and for instrument stabilization.
- Blunt tip prevents damage on the viscera.
- Removable seal enables a convenient withdraw of the specimen during operation.
- Single use to prevent cross infection.



Product specification

Product	Description	Model Name	EA/BX
Thoracoscopic Trocar	Cannula + Obturator (6*65mm)	101Y.510	10
	Cannula + Obturator (10*65mm)	101Y.512	10
	Cannula + Obturator (12*65mm)	101Y.513	10

Disposable Orthopedic Trocar

Features

- Unique design on the obturator tip ensures a small incision resulting in less surgical trauma.
- Transparent cannula enables visualization during arthroscopic surgery.
- Color-coded obturator for easy identification.
- Single use to prevent cross infection.



Product specification

Product	Description	Model Name	EA/BX	Obturator Color
Orthopedic Trocar	Cannula + Obturator (6*100mm)	101Y.550	18	White
	Cannula + Obturator (6*120mm)	101Y.551	18	Yellow
	Cannula + Obturator (8*100mm)	101Y.552	18	Purple
	Cannulas + Obturator (8*120mm)	101Y.553	18	Green

Disposable Monopolar Instruments

Features

- Ergonomically designed handle comfortable grip and full functionality.
- Customized color of rota-tor ensure an instant instrument identification in the sterile field.
- On/ Off ratchet mechanism.
- Easy and precise jaw motion with maximum opening.
- Curved scissors available with full insulation to the working tip of the scissor blade for increased safety.
- Both 330mm & 450mm are available for regular and bariatric surgery.

Product specification

Product	Description	Model Name (5*330)	Model Name (5*450)	EA/BX
Disposable Monopolar Instruments	Curved Scissor, High-insulated (17mm)	106Y. 201	106Y. 202	12
	Curved Scissor, High-insulated Short Blade (12mm)	106Y. 203	106Y. 204	12
	Maryland (19mm)	107Y. 201	107Y. 211	12
	Clinch (22mm)	108Y. 201	108Y. 211	12
	Fenestrated Grasper (17mm)	108Y. 202	108Y. 212	12
	Bobcock (17mm)	108Y. 203	108Y. 213	12
	Fenestrated Babcock (21mm)	108Y. 204	108Y. 214	12
	Blunt (19mm)	108Y. 205	108Y. 215	12
	Fenestrated Grasper, long (22mm)	108Y. 206	108Y. 216	12
	Fenestrated Intestinal Grasper (35mm)	108Y. 207	108Y. 217	12
Fenestrated Gastric Grasper (22mm)	108Y. 208	108Y. 218	12	



106Y.201



106Y.203



107Y.201



108Y.201



108Y.202



108Y.203



108Y.204



108Y.205



108Y.206



108Y.207



108Y.208



Disposable Monopolar HF Electrode

Features

- Light weight, ergonomic handle design for precise controlled tissue dissection.
- Fully-insulated 330mm Teflon coated shaft for maximum insulation and safety.



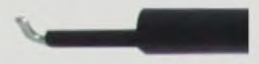
Disposable Monopolar HF Electrode with Smoke Suction

Features

- Ergonomic handle ensures comfort and easy control during operation.
- Smooth rotation on the spatula option guarantees a 360° electrical coagulation or cutting.
- Smoke suction provides a clear visual field of operation and ensures safer operation.



Spatula

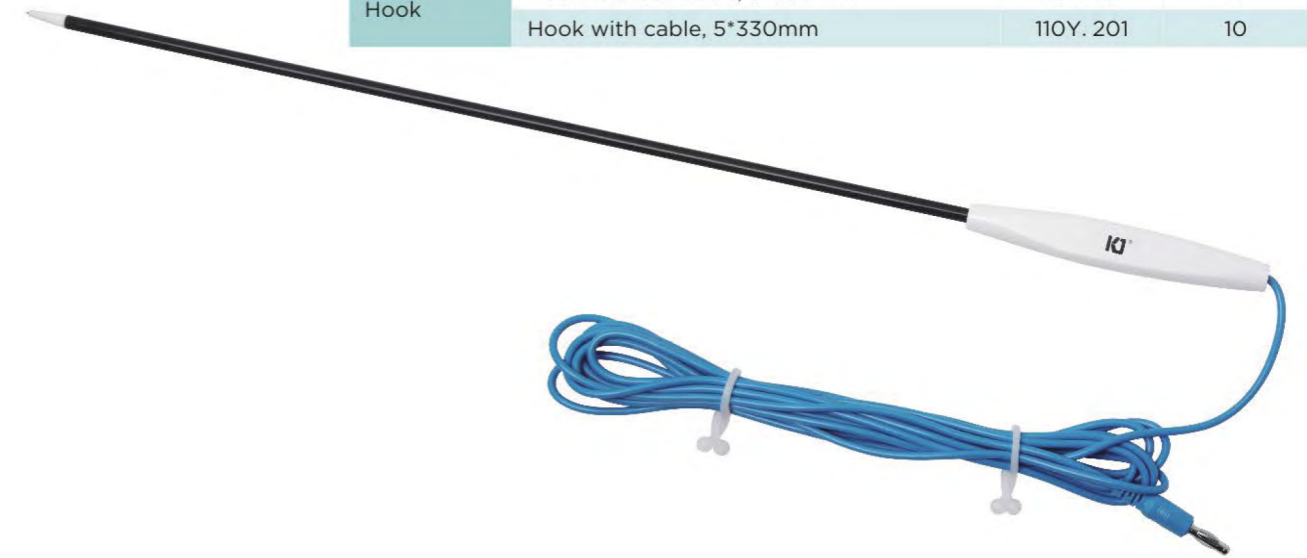


Hook



Product specification

Product	Description	Model Name	EA/BX
Hook	Hook without cable, 5*330mm	110Y. 101	10
	Hook with cable, 5*330mm	110Y. 201	10



Product specification

Product	Description	Model Name	EA/BX
Electrode with smoke suction	Hook with smoke suction, 5*330mm	110Y. 401	12
	Spatula with smoke suction, 5*330mm	110Y. 502	6





Straight jaw



Curved jaw



Straight jaw



Cutting blade

Disposable Bipolar Forceps

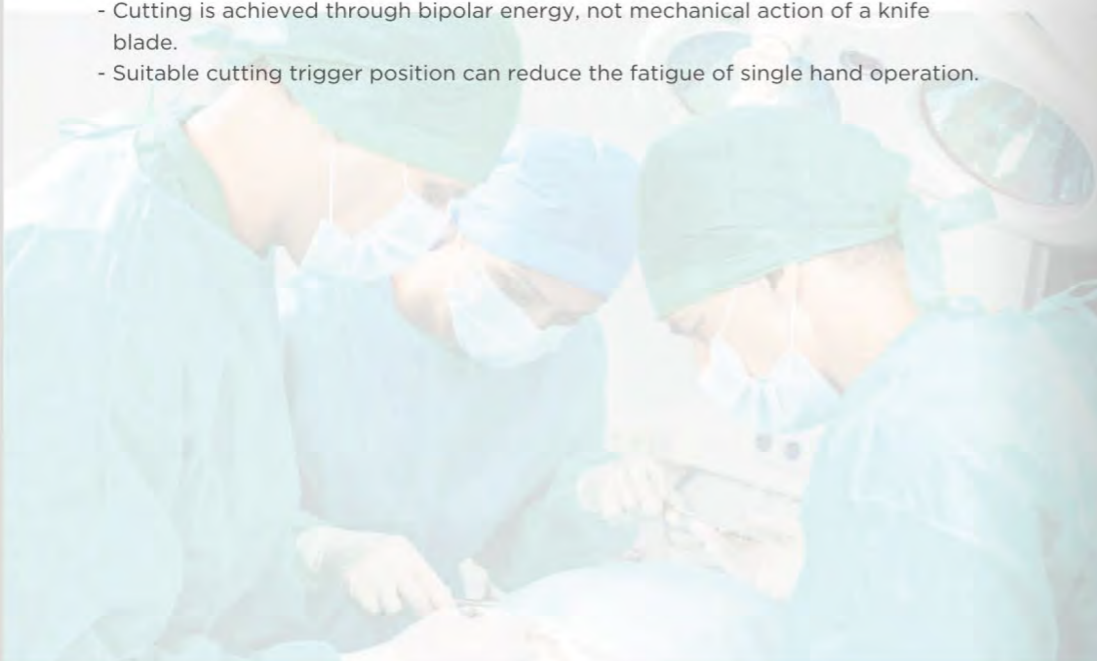
Features

- Dual action tips ensure a large opening of dissecting.
- Ergonomic handle increases comfort during operation.
- Rotation design ensure a 360°rotation during surgery.
- Compatible with most electron-surgical generators.

Disposable Bipolar Forcep with Cutting

Features

- Ergonomic designed handle for comfortable grip and full functionality.
- 15°jaw opening for vessels up to 4mm.
- Angled tooth design for secure grasping.
- Grasping , dissecting, coagulation &cutting functions all in one instrument , ideal for complex and time consuming procedures.
- Optional ratchet mechanism can reduce fatigue while maintain proper grasping.
- Cutting is achieved through bipolar energy, not mechanical action of a knife blade.
- Suitable cutting trigger position can reduce the fatigue of single hand operation.



Product specification

Product	Description	Model Name	EA/BX
Bipolar	Straight tip, 5*330mm	109Y. 201	5
	Curved tip, 5*330mm	109Y. 202	5



Product specification

Product	Description	Model Name	EA/BX
Bipolar with cutting	Straight tip with cutting, 5*330mm, Active	109Y. 601	1
	Straight tip with cutting, 5*330mm, Passive	109Y. 401	1



Reusable Instruments (Disposable Shaft + Reusable Handle)

Features

- Easy assemble and disassemble of the handle.
- Disposable shaft provided separately with reusable handle for cost saving.
- Handle with or without ratchet is optional for different function of the tips.



106Y.401



106Y.404



107Y.401



108Y.401



108Y.402



108Y.403



108Y.404



108Y.405



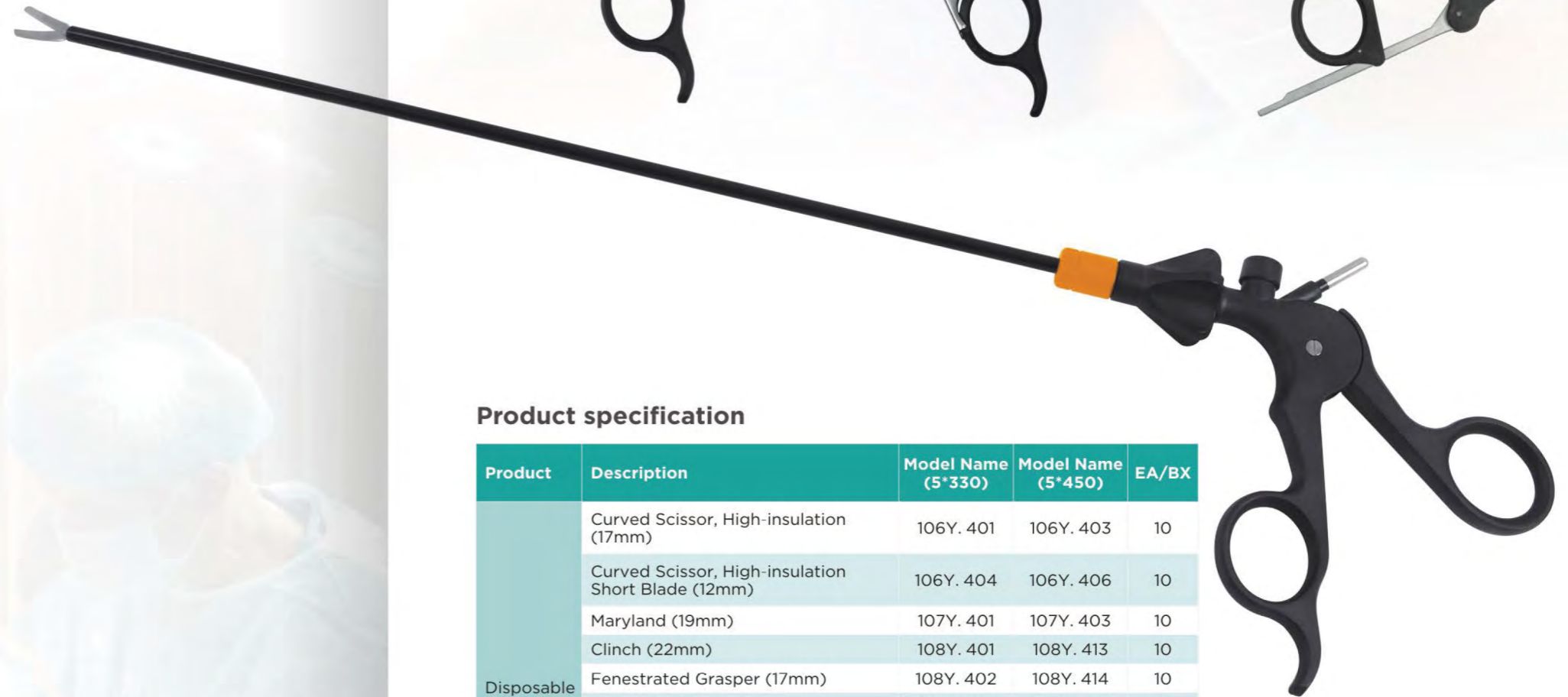
108Y.406



108Y.421



108Y.419



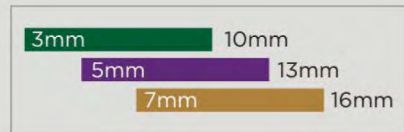
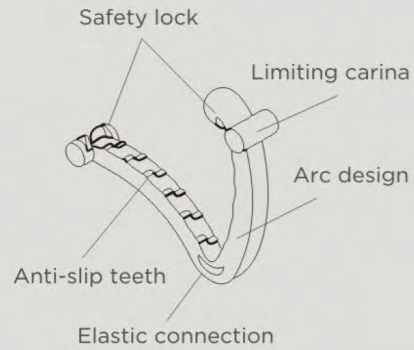
Product specification

Product	Description	Model Name (5*330)	Model Name (5*450)	EA/BX
Disposable shaft	Curved Scissor, High-insulation (17mm)	106Y. 401	106Y. 403	10
	Curved Scissor, High-insulation Short Blade (12mm)	106Y. 404	106Y. 406	10
	Maryland (19mm)	107Y. 401	107Y. 403	10
	Clinch (22mm)	108Y. 401	108Y. 413	10
	Fenestrated Grasper (17mm)	108Y. 402	108Y. 414	10
	Bobcock (17mm)	108Y. 403	108Y. 415	10
	Fenestrated Babcock (21mm)	108Y. 404	108Y. 416	10
	Blunt (19mm)	108Y. 405	108Y. 417	10
	Fenestrated Grasper, long (22mm)	108Y. 406	108Y. 418	10
	Fenestrated Bowel Grasper (35mm)	108Y. 421	108Y. 424	10
Reusable handle	Fenestrated Gastric Grasper (22mm)	108Y. 419	108Y. 423	10
	Handle without ratchet	101F. 001A	/	/
	Handle with center ratchet	101F. 002A	/	/
	Handle with bottom ratchet	101F. 002B	/	/

Polymer Ligation Clip

Features

- Three sizes to ligate tissue structures from 3mm to 16mm
- Integrated teeth to ensure greater stability and prevent slippage on the tissue
- Distinct tactile feedback confirms jaw seating and secure vessel placement
- Clips delivered in color-coded cartridge for easy identification
- Clips does not interfere with CT, MRI, or X-ray diagnostics



Product specification

Product	Size	Model Name	Pcs/cartridge	Cartridges/box
Polymer clip	ML	103Y. 301	6	14
	L	103Y. 401	6	14
	XL	103Y. 501	6	14

Titanium Ligation Clip

Features

- 4 standard sizes to ligate different size of tissue structures.
- Made of titanium with easy loading system.
- V shape clip design for ligation of tubular structures.



Single action



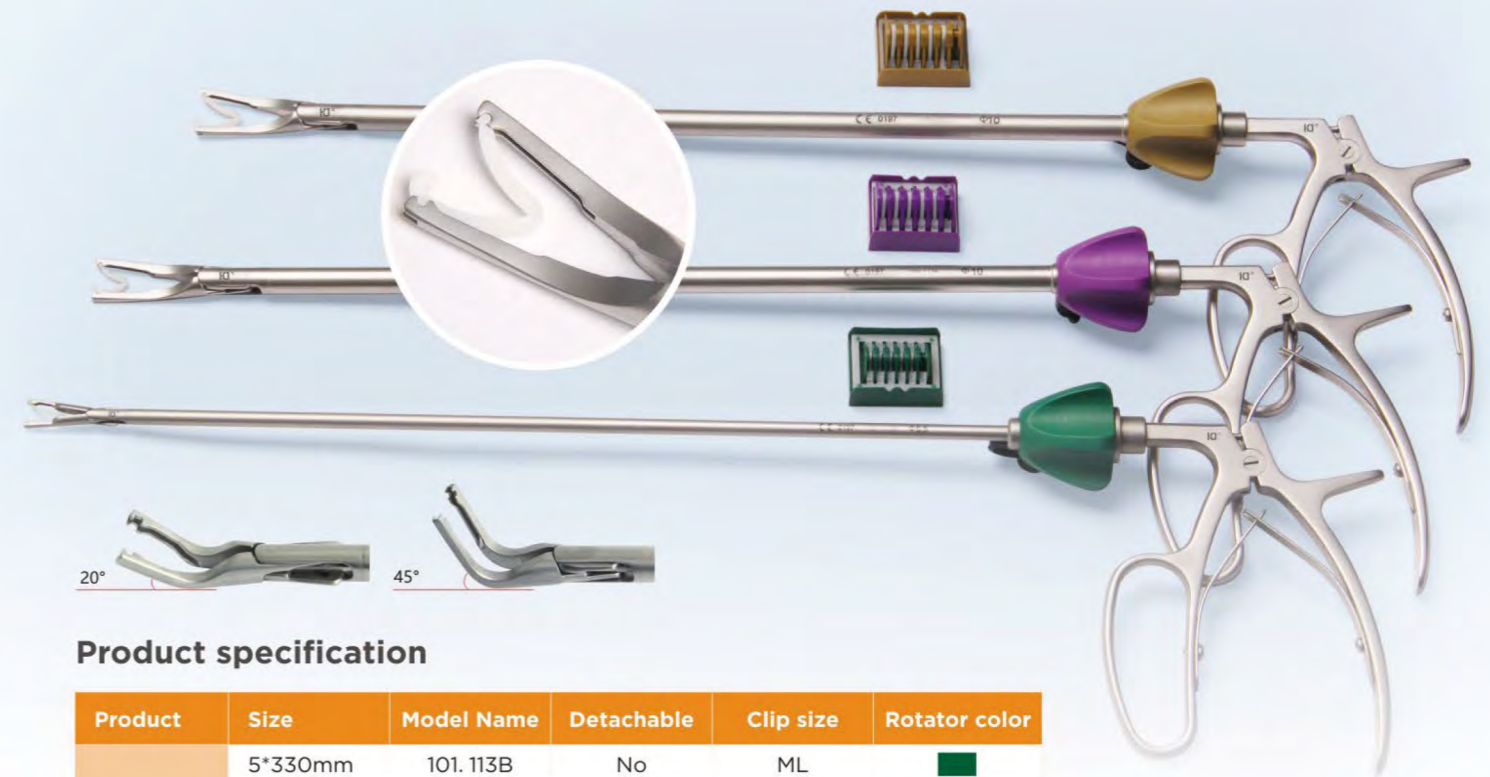
Degree 90°



Double action

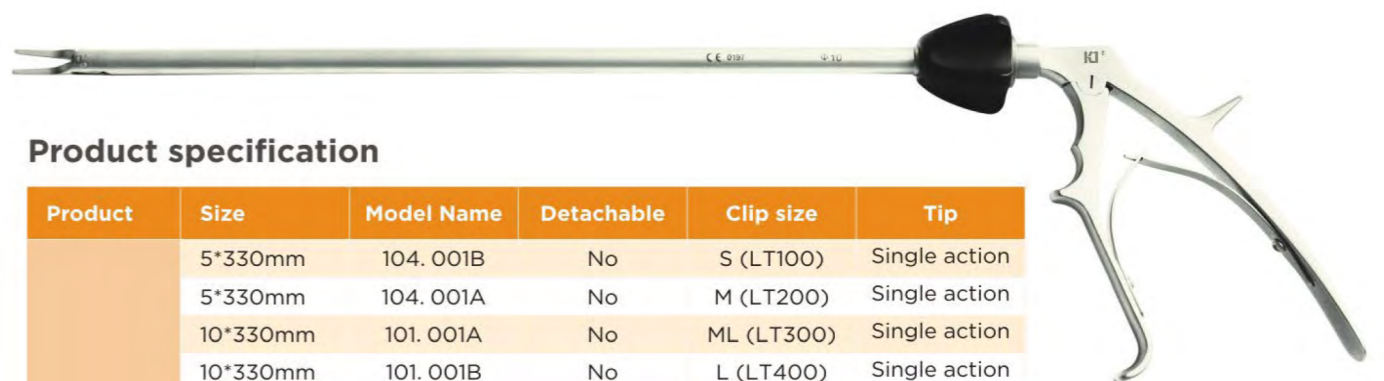
Product specification

Product	Size	Model Name	Pcs/cartridge	Cartridges/box
Titanium clip	S (LT100)	111Y. 204	6	20
	M (LT200)	111Y. 203	6	20
	ML (LT300)	111Y. 202	6	20
	L (LT400)	111Y. 201	6	20



Product specification

Product	Size	Model Name	Detachable	Clip size	Rotator color
Polymer Clip Applier	5*330mm	101. 113B	No	ML	Gold
	10*330mm	101. 113A	No	L	Purple
	10*330mm	101. 113	No	XL	Gold
	5*330mm	101. 114H	Yes	ML	Green
	10*330mm	101. 114C	Yes	L	Purple
10*330mm	101. 114D	Yes	XL	Gold	
Clip	5.5*330mm	101.131B	NO	ML	
Remover	10*330mm	101.161A	NO	L/XL	



Product specification

Product	Size	Model Name	Detachable	Clip size	Tip
Titanium Clip Applier	5*330mm	104. 001B	No	S (LT100)	Single action
	5*330mm	104. 001A	No	M (LT200)	Single action
	10*330mm	101. 001A	No	ML (LT300)	Single action
	10*330mm	101. 001B	No	L (LT400)	Single action
	10*330mm	101. 001AF	Yes	ML (LT300)	Single action
	10*330mm	101. 001BF	Yes	L (LT400)	Single action
	10*330mm	101. 001ABF	Yes	ML/L	Single action
	10*330mm	101. 111A	No	ML (LT300)	Double action
	10*330mm	101. 111AF	Yes	ML (LT300)	Double action
	10*330mm	101. 111BF	Yes	L (LT400)	Double action
	10*330mm	101. 111ABF	Yes	ML/L	Double action
	10*330mm	101. 002	No	ML	Degree 90°
	10*330mm	101. 002F	Yes	ML	Degree 90°



Disposable Retrieval Bag

Features

- High strength TPU bag material assures no leakage.
- Self-opening design provides easy and safe specimen retrieval.
- Soft and transparent TPU ensure a visualization during surgery.
- No rope design with Ni-Ti supporting ring ensures a good shape memory.
- Rope design with 304 supporting ring ensures a better support for bigger specimen.



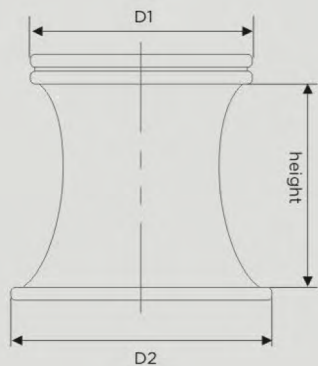
Product specification

Product	Size	Rope	Model Name	EA/BX	
Retrieval Bag	100*135mm	N	104Y. 103	50	
	150*200mm	N	104Y. 104	50	
	10*330mm	135*150mm/300ml	N	104Y. 203	10
	10*330mm	125*200mm/500ml	N	104Y. 204	10
	12. 5*330mm	180*200mm/1000ml	N	104Y. 211	10
	10*330mm	135*150mm/300ml	Y	104Y. 303	10
	10*330mm	125*200mm/500ml	Y	104Y. 304	10
	12. 5*330mm	180*200mm/1000ml	Y	104Y. 311	10

Disposable Incision Dilator

Features

- Elastic retraction maximizes a better exposure and visualization.
- Protect the incision from damage and reduce the incision infection.
- Create tamponade effect to minimize blood loss.



Product specification

Product	Size	Model Name	EA/BX
Retrieval bag for Hysteromyomectomy	15*300mm 130*300mm/2000-3000ml	104Y. 604	5

Product specification

Product	Model	KJ code	Outer ring D1 (mm)	Inner ring D2 (mm)	Unfolded channel height (mm)	Suitable for incision size (mm)	Application
	KJ-QKB50/60	115Y. 101	50	60	150	15-25	Endoscopic and small incision Surgery
	KJ-QKB70/70	115Y. 103	70	70	200	15-25	
	KJ-QKB90/90	115Y. 105	90	90	200	20-35	
	KJ-QKB110/110	115Y. 108	110	110	250	20-35	

Product	Model	KJ code	Outer ring D1 (mm)	Inner ring D2 (mm)	Unfolded channel height (mm)	Suitable for incision size (mm)	Application
	KJ-QKB60/70	115Y. 102	60	70	200	10-45	Open Surgery
	KJ-QKB80/90	115Y. 104	80	90	200	35-55	
	KJ-QKB120/130	115Y. 109	120	130	250	40-65	
	KJ-QKB150/160	115Y. 110	150	160	250	50-75	
	KJ-QKB180/190	115Y. 113	180	190	250	70-140	
	KJ-QKB220/230	115Y. 116	220	230	250	80-160	

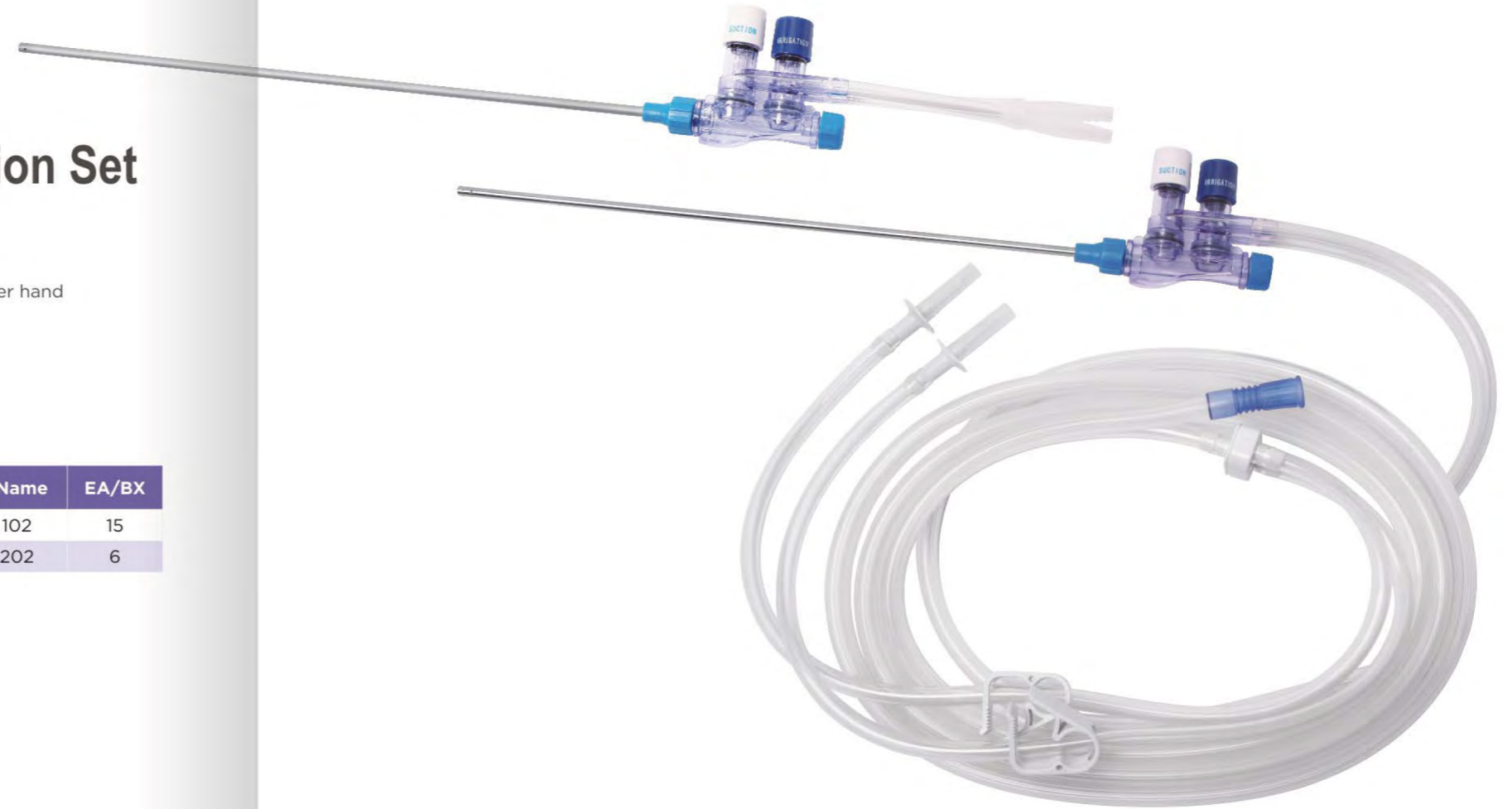
Disposable Suction / Irrigation Set

Features

- Ergonomically design handpiece can be easily operated by either hand
- Transparent handpiece, unobstructed visualization
- Phthalate free of PVC tubing set
- Colour coded buttons for quick distinguish and exchange

Product specification

Product	Size	Model Name	EA/BX
Suction&Irrigation	5*330mm, without tube	102Y. 102	15
	5*330mm	102Y. 202	6



Disposable Veress Needle

Features

- Big size spring-loaded stylet provides loud audible "click" when passing through tissue layers
- Visible red indicator of needle position.
- Sharp tip for easy insertion.
- High flow stopcock
- Two sizes with 120/150 mm length are available.



Product specification

Product	Size	Model Name	EA/BX
Veress Needle	2. 2*120mm	105Y. 202	10
	2. 2*150mm	105Y. 205	10
	2. 2*120mm	105Y. 208	10
	2. 2*150mm	105Y. 209	10