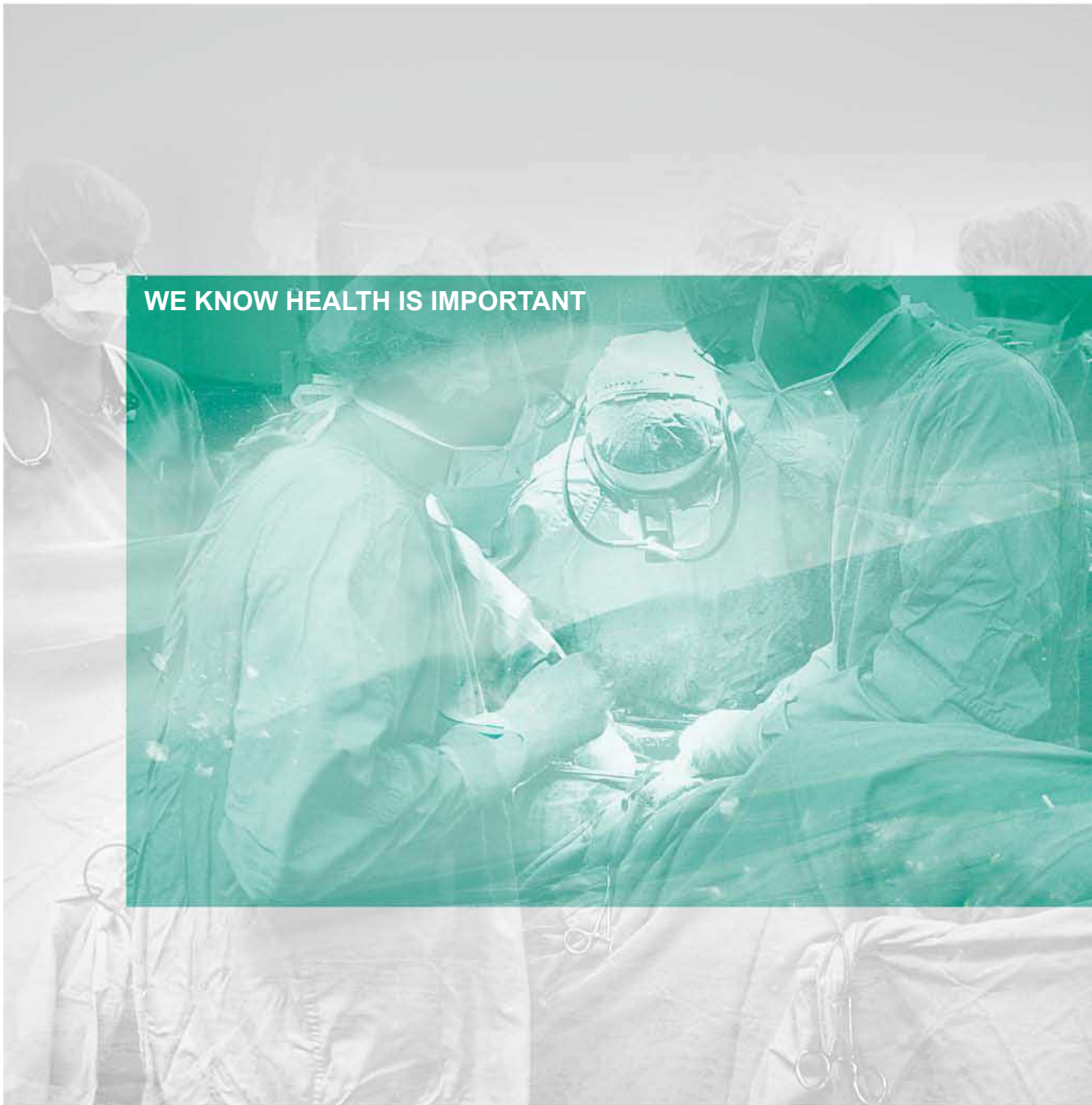


SURGICAL STAPLERS

Circular / Linear / PPH / Linear Cutter



WE KNOW HEALTH IS IMPORTANT

COMPANY INTRODUCTION

Waston Medical Appliance Co., Ltd was founded in 2002. As a young but vital company, Waston devotes itself to designing, manufacturing and distribution of surgical staplers including circular stapler, linear stapler, PPH stapler, linear cutter and other kinds of staplers to improve and enhance quality of life for patients all over the world.

The company is located at the Wujin Hi-Tech Industry Zone, Changzhou City, Jiangsu province, China. Changzhou, which is located just 160 kilometers east of Shanghai, is one of the most advanced manufacturing centers in China.

In the past few years, the company has invested over 50,000,000 RMB on the R&D and the advanced equipments in a new, modern facility of 35,000 m² including a 500 m² class 100,000 cleanroom. More important, we have developed an excellent managers team and a highly skilled staffs team. Both of them work hard with great enthusiasm as our goal is to become a world class supplier in the orthopedic implants and instruments industry.



The company has been certified by ISO 9001:2000 and EN 13485 and the all products have passed the Chinese Quality System Certification (SFDA) and European CE certificates. The “WASTON” brand also has also enjoyed a great reputation in the medical appliance industry nationwide.

“Create by heart, Quality above all” is Waston’s Philosophy. In this new century, Waston will continue focusing on the development of new technology and improving after-sale service to a perfect class. To make state-of-art products and to make our customers and partners satisfied is the Waston’s greatest honor.



GLT Series

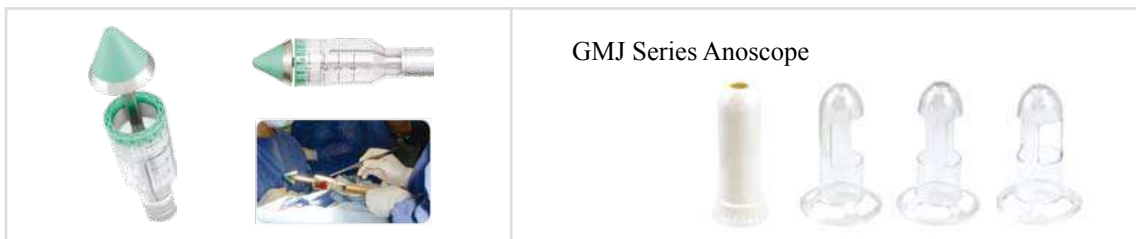
Disposable Visible PPH Stapler

Advantages:

- Visible transparent cartridge to provide a more clear and vivid new perspective for the operator.
- The largest cartridge in current industry can help resect more tissues to meet the clinical requirement.

Main features:

- Stainless steel anvil and stainless steel guide shaft to make the closing and firing more stable.
- A greater lumen of the staple cartridge can make the surgery more successful.
- The transparent cartridge and nail-pushing piece make a clearer visual feedback.
- Two symmetrical sutures help the tissue to enter into the equipment.
- 0.75mm suture clearance compress the mucosa of the best hemostatic effect.
- 38 double-row titanium screws around can effectively close the tissue.
- The sharp circular knife can effectively cut.
- Used with anoscope, the haemorrhoids can be chosen to resect.
- Can be checked at a glance before the operation.



Model	Color	Suture Rows	Outer Dia. (mm)	Cutting Diameter (mm)	Staple			Closure Height (mm)
					Height (mm)	Width (mm)	Quantity	
GLT-34-D	Green components /Transparent Cartridge	2	34	26	4.5	3.8	32	0.75-1.6

IIIROWS Series

Disposable Three-row-staple PPH Stapler

Exclusive Patent product

The Three-row-staple PPH Stapler is dedicated to anal hemorrhoidectomy and excision of rectal prolapse.

Leading-edge technology:

- Anastomotic wound is dry and has no bleeding after firing.No longer need to manually suture absence of special circumstances.
- After molding, B - type staple with slightly incurved feet make the anastomotic a higher tensile strength.
- The PPH stapler cartridge arrangement is more compact and its outermost surface has a special design.

Features:

- Exceptional hemostatic effect.
- The special design of the outer ring prevent anastomotic tissue from excessive squeezing.
- 48 three-row titanium screws around can effectively close the tissue.
- A greater lumen of the staple cartridge can hold more diseased tissue.
- Stainless steel anvil and stainless steel guide shaft to make the closing and firing more stable.
- Two symmetrical sutures help the tissue to enter into the equipment.
- The sharp circular knife can effectively cut.
- 0.75mm suture clearance compress the mucosa of the best hemostatic effect.
- Fool-firing position.
- Improved B - type staple make the anastomotic a higher tensile strength.

IIIROWS Series

Disposable Three-row-staple PPH Stapler



Model	Color	Suture Rows	Outer Dia. (mm)	Cutting Diameter (mm)	Staple			Closure Height (mm)
					Height (mm)	Width (mm)	Quantity	
IIIROWSL-34-D	Yellow Cartridge	3	33.4	24	4.3	3.8	48	0.75-1.6
IIIROWSL-36-D		3	35.3	25	4.3	3.9	48	

GHY Series

Disposable PPH Stapler

Procedure for Prolapse and Hemorrhoids

The PPH Stapler is a uniquely designed set of instruments, developed to treat the hemorrhoidal disease conservatively, repositioning the hemorrhoidal cushions to their original location without excising them.

Features:

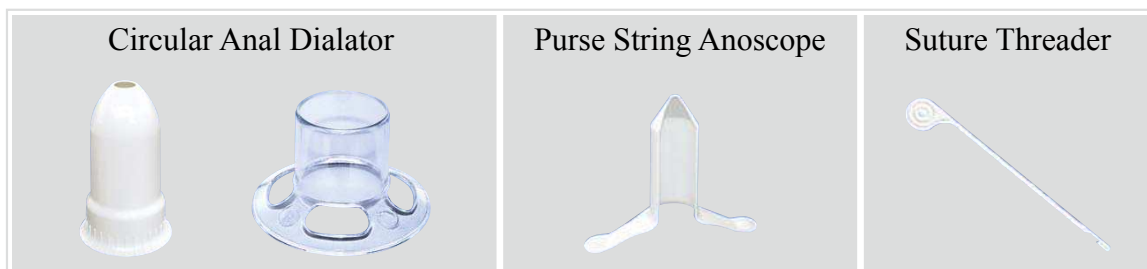
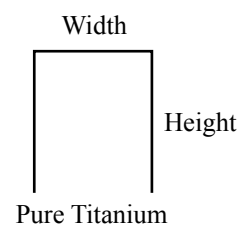
- Single use, avoid the possibility of cross-infection.
- Large cartridge housing capacity accommodate even extensive prolapses.
- Controlled, stable and minimum dilatation of circular anal dilator.
- Purse string suture anoscope provides simultaneous flattening of the prolapse and supports introduction of the purse string suture.



GHY series Major Technical Parameters

Product Code	Model	Staple Quantity	Outer Diameter	Width(mm)	Height(mm)
12005032	GHY-32C	32	32.5	4	3.8
	GHY-32D	32	32.5	4	4.3
12005034	GHY-34C	32	33.5	4	3.8
	GHY-34D	32	33.5	4	4.3

Staple dimension

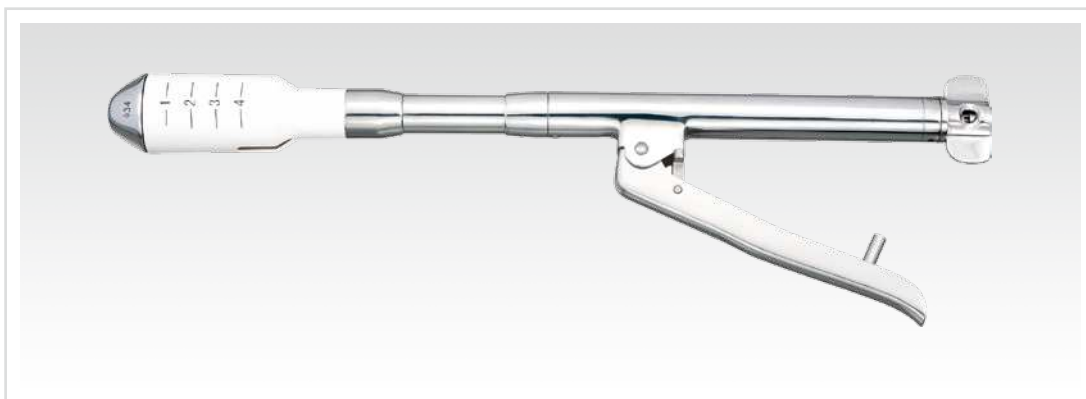
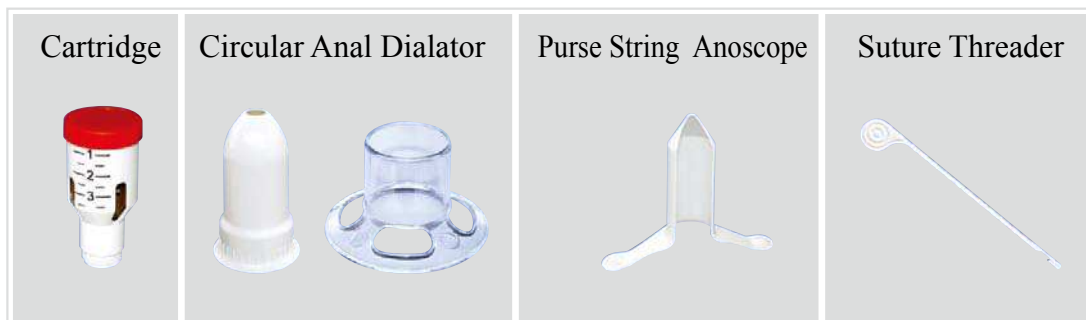


GHD Series

Reusable PPH Stapler

Features:

- Reusable and economical.
- The material for the staple is pure titanium and the changable cartridge makes it trustable.
- The body of stapler can be resterilized.
- Convenient detachment and cleaning.
- Cut and anastomose prolapsed mucosa tissue around the anal canal and rectum.
- A full set of assistant units are equipped for the operation.
- Handle design according to human engineering.
- Effective bleeding control after the operation.



IIIROWS Series

Disposable Three-row-staple Circular Stapler

Exclusive Patent product

Dedicated to the digestive tract reconstructive surgery for end-to-end, end-to-side and side-to-side anastomosis.

Features:

- Stronger penetrability.
- If there's no edema of the tissue, the red pointer in the safety window must be aligned with the center line of the green zone before firing.
- Fool-firing position.
- The special design of the outer ring prevent anastomotic tissue from excessive squeezing.
- Specification can be known at a glance.
- 36 three-row titanium staples around can effectively close the tissue.
- The sharp circular knife can effectively cut.
- B - type staple with slightly incurved feet make the anastomotic a higher tensile strength.



IIIROWS Series

Disposable Three-row-staple Circular Stapler



Model	Color	Suture Rows	Outer Dia. (mm)	Cutting Diameter (mm)	Staple			Closure Height (mm)
					Height (mm)	Width (mm)	Quantity	
III ROWS-21-C	Yellow Cartridge	3	20.6	11.8	4.5	3.7	27	2
III ROWS-24-C		3	24.1	15	4.4	3.4	33	2
III ROWS-25-C		3	25.3	16.4	4.5	3.8	33	2
III ROWS-26-C		3	25.3	16.4	4.5	3.8	33	2
III ROWS-29-D		3	30	20.7	4.8	3.9	36	2
III ROWS-31-D		3	30	20.7	4.8	3.9	36	2
III ROWS-32-E		3	31.9	22	4.8	3.9	42	2

WHY Series

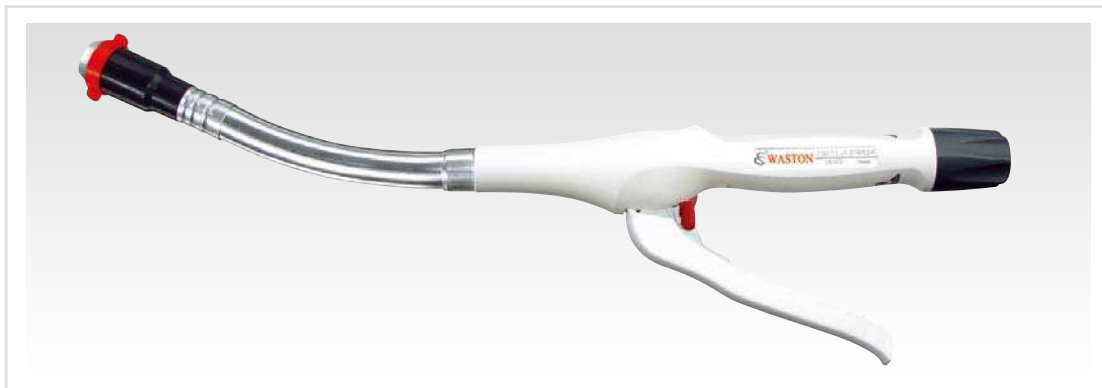
Disposable Circular Stapler

The Most Convenient Circular Stapler

- The curved intraluminal staplers available in six sizes.
- The anastomotic staplers have applications throughout the alimentary tract for end-to-end, end-to-side anastomose.

Features:

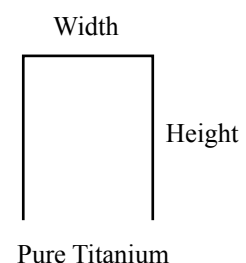
- Single use, avoid the possibility of cross-infection.
- Large cutting diameter.
- Quicker opening and closing mechanism make it more comfortable to use.
- Slow closing safety zone allows final tissue manipulation.
- Adjustable thickness of tissue .
- Knife bunting seat without lip.
- Handle design according to human engineering.
- Advanced driving mechanism.



WH-Y series Major Technical Parameters

Product Code	Model	Staple Quantity	Outer Diameter	Cutting Diameter	Width (mm)	Height (mm)
12001021	WHY-21	16	21.6	12.4	4	4.5
12001024	WHY-24	18	24.3	15	4	4.5
12001025	WHY-25	20	25.3	16.4	4	4.5
12001026	WHY-26	20	26.3	17	4	4.5
12001029	WHY-29	24	29.5	20.3	4	4.8
12001032	WHY-32	26	32.4	22	4	5

Staple dimension



WHD Series

Reusable Circular Stapler

Features:

- Four specifications suitable for different stapler modes 25、27、29、32.
- Reusable and economical.
- Convenient detachment and cleaning.
- The material for the staple is pure titanium and the changable cartridge makes it trustable.
- The body of stapler can be resterilized.
- One stapler includes four anvils of different specifications which can fit for four different operation modes.



QHS Series

Disposable Linear Cutter

The Most Consistent Staple Formation

- The Linear Cutter delivers two double-staggered rows of staples while simultaneously dividing the tissue between rows.
- The Linear Cutter’s safety lock-out feature is designed to prevent a used reloading unit from being refired.
- The Linear Cutter has applications in Gastrointestinal, Thoracic, Gynecologic and Urologic Surgery for transection, resection and anastomosis.

Exclusive Features:

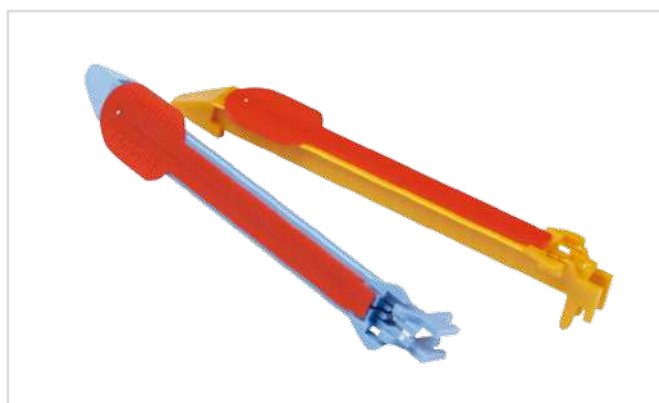
- Unique cam gear design can make that staple formation is consistent, prevent bleeding.
- Handle design according to Human Engineering.
- Favorable to be used by single hand.
- Provided with cartridge for different tissue thickness.
- Longest cutline (98mm), transect a larger organ in one firing.



Product Code	Disposable Linear Cutter		Cartridge Reloads		Cutting Line Length(mm)	Closed Staple Size(mm)	Stapling Line Length(mm)	Staple Quantity
12007060	QHS-60-C	White	QZS-60-C	Yellow	58	1.0	60	64
12007260	QHS-60-D	White	QZS-60-D	Blue	58	1.5	60	64
12007080	QHS-80-C	White	QZS-80-C	Blue	78	1.5	80	84
12007280	QHS-80-D	White	QZS-80-D	Green	78	2.0	80	84
12007010	QHS-100-C	White	QZS-100-C	Blue	98	1.5	100	104
12007210	QHS-100-D	White	QZS-100-D	Green	98	2.0	100	104

QHD Series

Disposable Linear Cutter / Stapler



Product Code	Disposable Linear Cutter		Cartridge Reloads		Cutting Line Length(mm)	Closed Staple Size(mm)	Stapling Line Length(mm)	Staple Quantity
12007460	QHD-60-C	White	QZD-60-C	Yellow	58	1.0	60	68
12007660	QHD-60-D	White	QZD-60-D	Blue	58	1.5	60	68
12007480	QHD-80-C	White	QZD-80-C	Blue	83	1.5	80	88
12007680	QHD-80-D	White	QZD-80-D	Green	83	2.0	80	88
12007410	QHD-100-D	White	QZD-100-D	Blue	98	1.5	100	108
12007610	QHD-100-E	White	QZD-100-E	Green	98	2.0	100	108

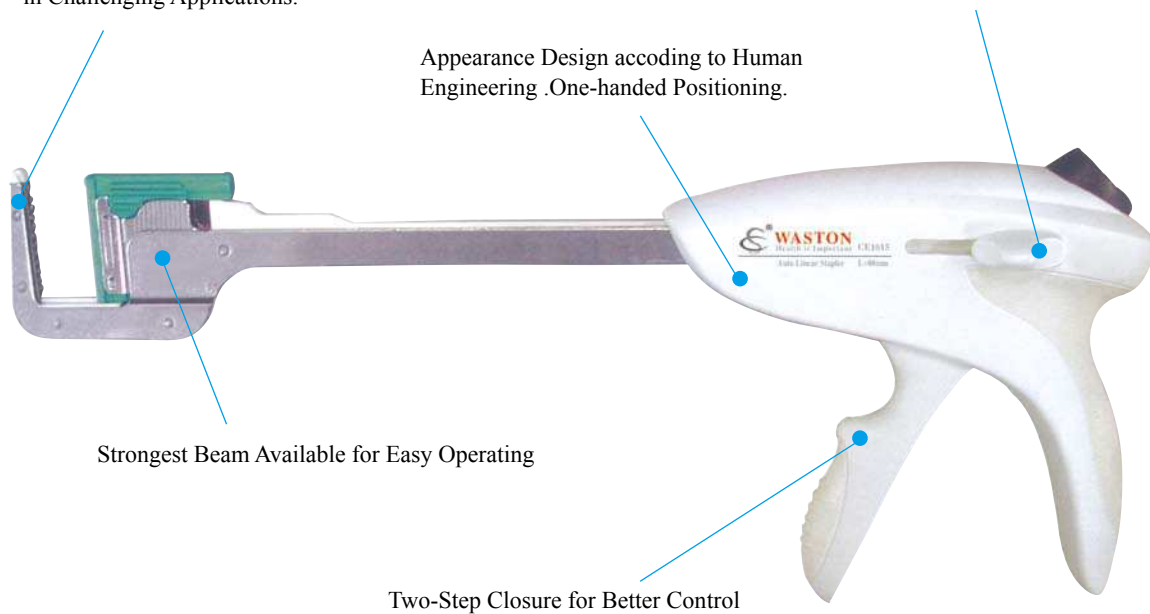
ZHY Series

Disposable Auto Linear Stapler

Features: Selective Specifications Meet Requirement of Different Suture Lengths.
60mm/80mm/100mm

Tear Drop Anvil Available . Improved Staple Formation and Staple Line Security, especially in Challenging Applications.

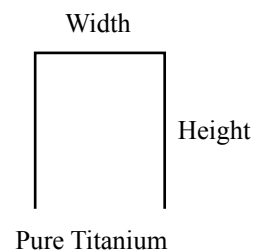
Pinless for Atraumatic Placement Avoids Trauma Associated with Placement Pin.



ZHY series Major Technical Parameters

Product Code	Model	Staple Quantity	Outer Diameter	Height(mm)
12008030	ZHY-30C	30	11	3.8
	ZHY-30D			4.5
12008045	ZHY-45C	45	15	3.8
	ZHY-45D			4.5
12008060	ZHY-60C	60	21	3.8
	ZHY-60D			4.5
12008090	ZHY-90C	90	31	3.8
	ZHY-90D			4.5

Staple dimension



FHY Series

Disposable Linear Stapler

Descriptions

The linear stapler delivers two stagger rows of titanium staples. The linear stapler has applications throughout the alimentary track and in thoracic surgery for transection and resection of internal tissues.

Features:

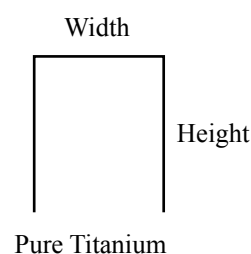
- Single use, avoid the possibility of cross-infection.
- Four specifications meet the requirement of different suture lengths.
- According to the thickness of tissue, the closure height of nail rooms can be adjusted.
- A stand-by nail room is equipped and it can be used in the same operation.



FH-Y series Major Technical Parameters

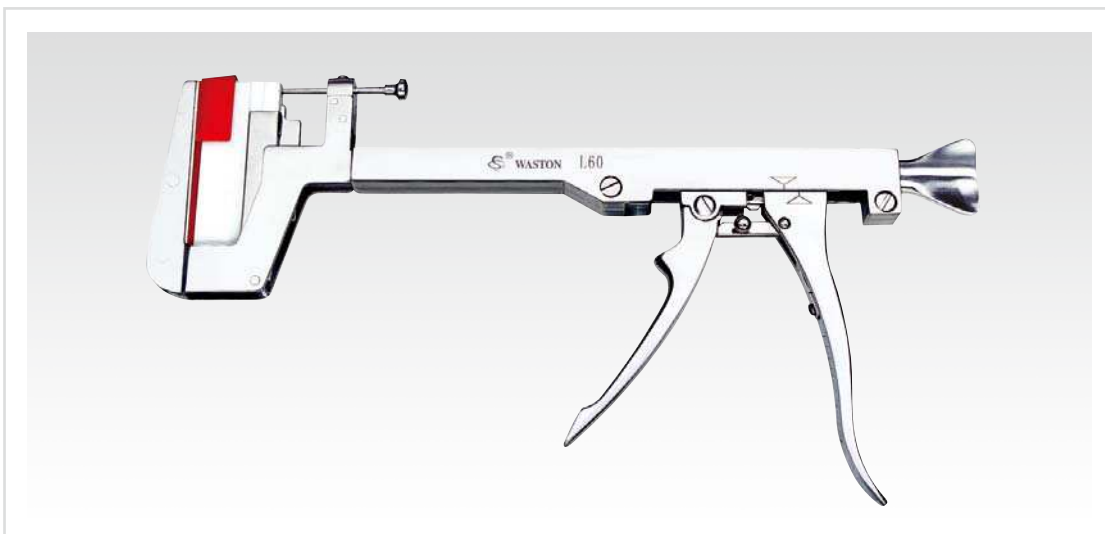
Product Code	Model	Staple Quantity	Outer Diameter	Width(mm)	Height(mm)
12003030	FHY-30C	11	34	4	3.8
	FHY-30D	11	34	4	4.5
12003045	FHY-45C	15	45	4	3.8
	FHY-45D	15	45	4	4.5
12003060	FHY-60C	19	55	4	3.8
	FHY-60D	19	55	4	4.5
12003090	FHY-90C	33	94	4	3.8
	FHY-90D	33	94	4	4.5

Staple dimension



FHD Series*Reusable Linear Stapler***Features:**

- Reusable and economical.
- Three specifications suitable for different stapler modes 30, 60, 90.
- Aseptic packaging.
- The material for the staple is pure titanium and the changable cartridge makes it trustable.
- The body of stapler can be resterilized.
- Convenient detachment and cleaning.
- One stapler includes three anvils of different specifications which can fit for four different operation modes.



HQY-30

Disposable Curved Stapler

Application:

Applied to anastomosis and resection of anal sphincter organizations and the mucosa part. Usually used in the surgical treatment of anal wall diseases.

Features:

HQY30 disposable curved cutting stapler can be repeatedly fired. It was just used for single patient. There're three-row crossing titanium staples of the instrument's curved cutting and stapling part with a curved scalpel during the first and the second row. While 3 rows of mutually staggered array of staples were knocked into the tissue, the curved scalpel do the transection of tissues between staple lines. In conclusion, it was a simultaneously stapling and cutting instrument.



Model	Fundamental Dimensions (L)		The Effective Length of Components (L1)		The Height of Staple		Staple Qty
	Total Length	Limit deviation	Basic Size	Limit deviation	Code	Height	
HQY-30	435	±10	20	±2	C	3.8	21
					D	4.8	

HQY-45

Disposable Curved Stapler

Description:

Suitable for low anterior resection for rectal surgery.

Features:

Due to the the physiological arc of the human pelvis, ordinary staplers can not deep into the lower position of the pelvic. HQY45 disposable curved cutting stapler can deep into low positon of the pelvis by designing into arc type according to the human anatomy.It can shorten the operative time and reduce bleeding in patients which can help improve the quality of the surgery.



Model	Fundamental Dimensions (L)		The Effective Length of Components (L1)		The Height of Staple		Staple Qty
	Total Length	Limit deviation	Basic Size	Limit deviation	Code	Height	
HQY-45	435	±10	40	±2	C	3.8	46
					D	4.8	

Purse Pliers



Specification	Dimension	Abbreviation
HBC-7	42mm	7
HBC-8	48mm	8
HBC-9	55mm	9

- For making purse during the operation for digestive and appendicitis.
- This device is easy for operating and can save time during the operation.

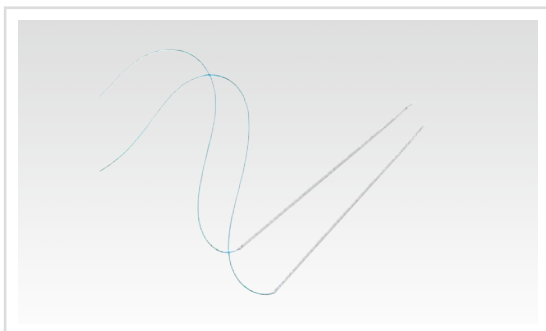
Holding Pliers



Specification	Dimension
DKQ-6	6mm

- Hold the anvil.
- For connecting the anvil and trocar.

Purse Acus with String



Specification	Dimension
1/0 Strengthened L	64mm
1/0 Strengthened S	54mm

- Purse acus: made by stainless steel which enjoys good flexibility.
- Purse string: made by nylon which guarantees the elongation and linking intention.



WASTON 华森
M E D I C A L

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