

WE KNOW HEALTH IS IMPORTANT

CE 0123

# SURGICAL STAPLERS

Circular / Linear / PPH / Linear Cutter

ALWAYS YOUR GOOD PARTNER WASTON HEALTHCARE



WASTON 华森  
M E D I C A L

# COMPANY INTRODUCTION

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

Waston is located in Wujin Hi-Tech Industry Zone in Changzhou, a city only 160 kilometers east of Shanghai. Changzhou is one of the most advanced manufacturing centers in China.

In recent years, Waston has invested over 50,000,000 RMB in R&D and purchased advanced machines to equip a new and modern plant of 35,000 m<sup>2</sup>, including a 500 m<sup>2</sup> 100,000.00 grade purification room. More importantly, we have an experienced management team and a highly skilled technician team. They work hard with great enthusiasm for our goal, which is to build Waston to be a world class supplier in the industry of orthopedic implants and instruments.



Waston has been certified by ISO 9001:2000 and EN 13485 and all products have passed the Chinese Quality System Certification (SFDA) and CE certificates. Especially, our circular staplers have passed the FDA. Now “WASTON” is a well-known reliable name in China’s medical appliance industry.

“Create by heart, Quality above all” is Waston’s Philosophy. In the 21st century, Waston will continue focusing on the new technology development and after-sale service improvement to a perfect class. It’s always Waston’s greatest honor to provide world-leading products and to make our customers and partners satisfied.



GLT Series

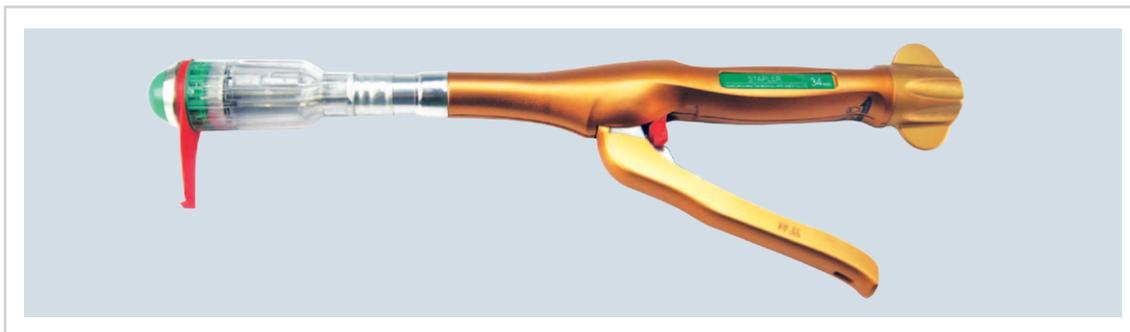
# Disposable Visible PPH Stapler

**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.



GMJ Series Anoscope



Product Code	Model	Color	Suture Rows	Outside Diameter (mm)	Cutting Diameter (mm)	Staple			Closure Height (mm)
						Height (mm)	Width (mm)	Qty	
12016034	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:**

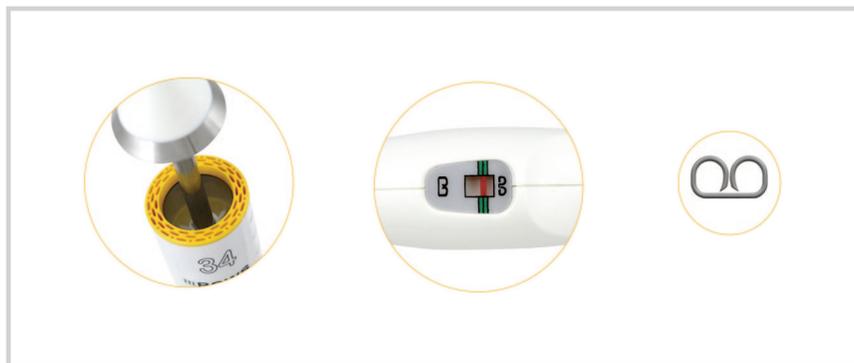
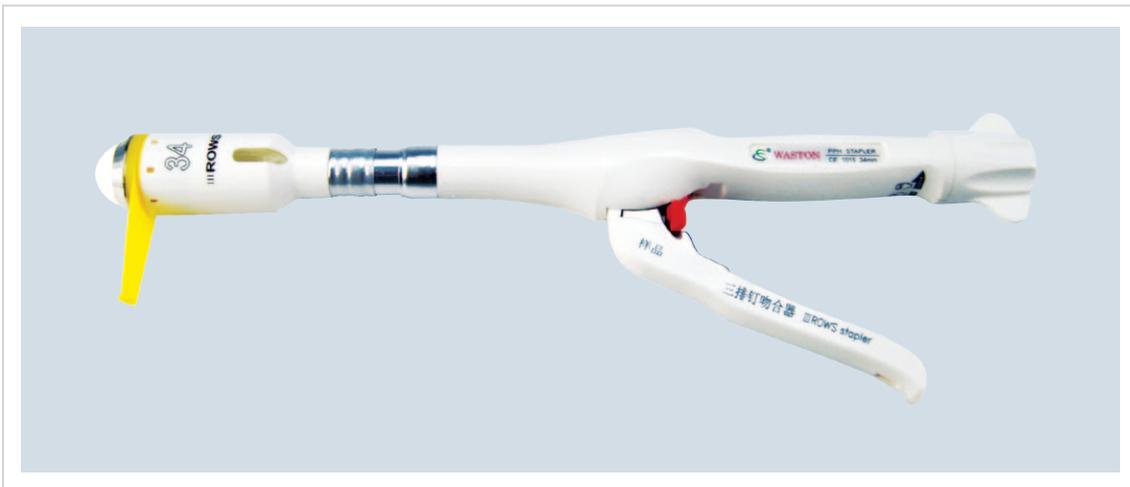
- Anastomotic wound is dry and has no bleeding after firing.No longer need to manually suture absence of special circumstances.
- After molding, B - type staple with slightly incurved feet make the anastomotic a higher tensile strength.
- The PPH stapler cartridge arrangement is more compact and its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



Product Code	Model	Color	Suture Rows	Outside Diameter (mm)	Cutting Diameter (mm)	Staple			Closure Height (mm)
						Height (mm)	Width (mm)	Qty	
12015234	IIIROWSL-34-C	Yellow Cartridge	3	33.4	24	4.3	3.8	48	0.75-1.6
12015336	IIIROWSL-36-D		3	35.3	25	4.3	3.9	48	

**GHY Series**

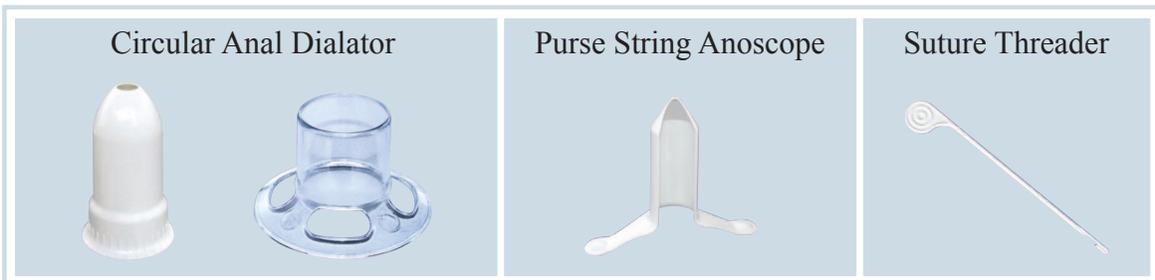
# Disposable PPH Stapler

**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:**

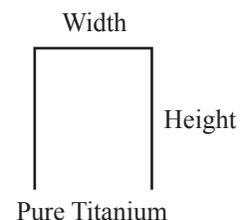
- Single use, avoid the possibility of cross-infection.
- Large cartridge housing capacity accommodate even extensive prolapses.
- Controlled, stable and minimum dilatation of circular anal dilator.
- Purse string suture anoscope provides simultaneous flattening of the prolapse and supports introduction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



**GHY series Major Technical Parameters**

Product Code	Model	Staple Quantity	Outer Diameter	Width(mm)	Height(mm)
12005232	GHYL-32-C	32	32.5	4	3.8
12005334	GHYL-34-D	32	33.5	4	4.3

**Staple dimension**

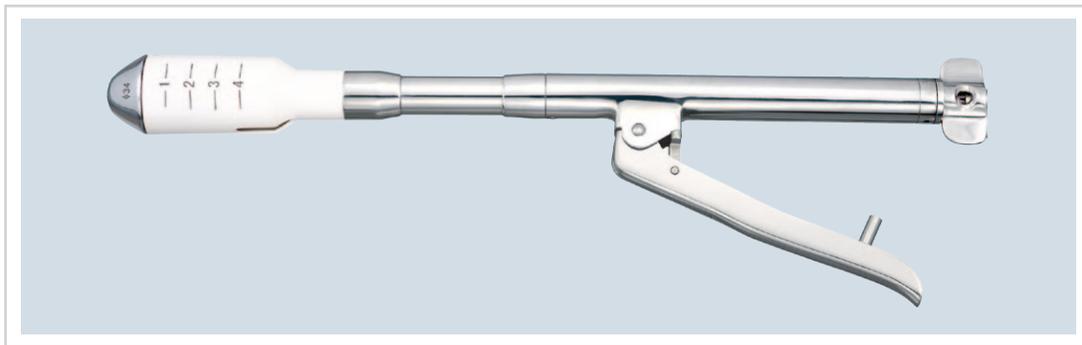


GHD Series

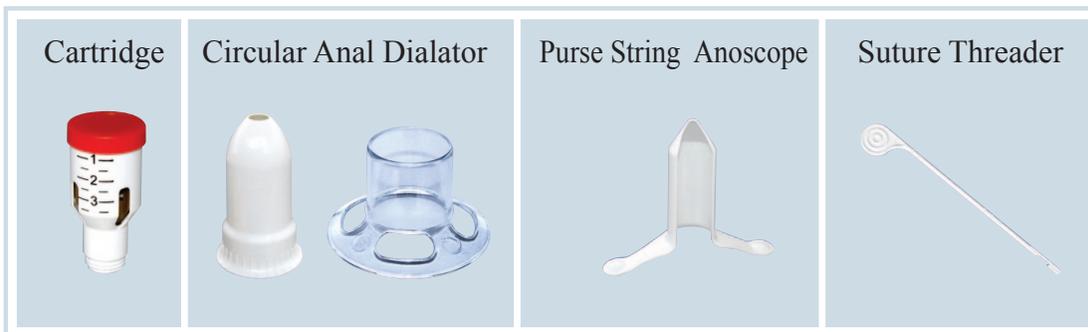
# Reusable PPH Stapler

**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.



Product Code	Model	Staple Quantity	Outer Diameter	Width(mm)	Height(mm)
12006034	GHD-34-C	28	33.5	4	3.8
12006134	GHD-34-D	28	33.5	4	4.3



Cartridge code	Cartridge mode	Staple Height (mm)
12023034	GZ-34-C	3.8
12023134	GZ-34-D	4.3

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.



Product Code	Model	Color	Suture Rows	Outer Dia. (mm)	Cutting Diameter (mm)	Staple Height	Staple Width	Staple Qty	Staple Closure Height
12012021	III ROWS-21-C	Yellow Cartridge	3	21.1	12.4	4.5	3.7	27	2
12012024	III ROWS-24-C		3	24.1	15	4.5	3.4	33	2
12012025	III ROWS-25-C		3	25.1	16.4	4.5	3.8	33	2
12012026	III ROWS-26-C		3	26.1	17	4.5	3.8	33	2
12012029	III ROWS-29-D		3	29.1	20.3	4.8	3.9	36	2
12012031	III ROWS-31-D		3	31	21	4.8	3.9	36	2
12012032	III ROWS-32-E		3	32.1	22	5.0	3.9	42	2

## IIIROWS Series

# Disposable Three-row-staple Circular Stapler

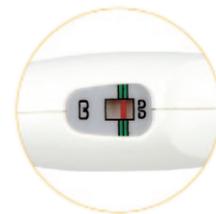
### Features:



Stronger penetrability.



Specification can be known at a glance.



Fool-firing position.



The special design of the outer ring prevent anastomotic tissue from excessive squeezing.



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.



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.

**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:**

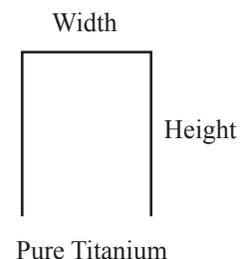
- Single use, avoid the possibility of cross-infection.
- Large cutting diameter.
- Quicker opening and closing mechanism make it more comfortable to use.
- Slow closing safety zone allows final tissue manipulation.
- Adjustable thickness of tissue .
- Knife bunting seat without lip.
- Handle design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



*WHY series Major Technical Parameters*

Product Code	Model	Staple Quantity	Outer Diameter	Cutting Diameter	Width (mm)	Height (mm)
12001019	WHY-19-C	16	19.6	11.8	4	4.5
12001021	WHY-21-C	16	21.6	12.4	4	4.5
12001024	WHY-24-C	18	24.3	15	4	4.5
12001025	WHY-25-C	20	25.3	16.4	4	4.5
12001026	WHY-26-C	20	26.3	17	4	4.5
12001029	WHY-29-D	24	29.5	20.3	4	4.8
12001032	WHY-32-E	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 Cartridges of different specifications which can fit for four different operation modes.



Product Code	Cartridge Code	Cartridge Model	Height(mm)
12002025	12021025	WZ-25-C	4.5
	12021027	WZ-27-C	4.5
	12021029	WZ-29-D	4.8
	12021032	WZ-32-E	5.8

IIIROWS Series

# Disposable AutoLinear Stapler

**Indication**

Applicable to the digestive tract tissue residue end or incision closure.

**Performance and Principles**

IIIROWS series of disposable auto linear stapler with cartridges (hereinafter referred to as stapler) is an instrument automatically placing three staggered rows of staples to suture the tissue for intended use. It is simply used to substitute the manual operation. Although its function is limited but it is widely applied for the efficiency and convenience.



Code	Model	Basic Length (±10mm)	Code	Cartridge	Effective length (±5mm)	Staple Height (±0.3mm)	Staple Qty.
12017030	IIIZH-30-C	395	12027030	III ZZ-30-C	30	3.8	17
12017130	IIIZH-30-D		12027130	III ZZ-30-D		4.5	
12017045	IIIZH-45-C	395	12027045	III ZZ-45-C	45	3.8	26
12017145	IIIZH-45-D		12027145	III ZZ-45-D		4.5	
12017060	IIIZH-60-C	400	12027060	III ZZ-60-C	60	3.8	35
12017160	IIIZH-60-D		12027160	III ZZ-60-D		4.5	
12017090	IIIZH-90-C	405	12027090	III ZZ-90-C	90	3.8	53
12017190	IIIZH-90-D		12027190	III ZZ-90-D		4.5	

ZHY Series

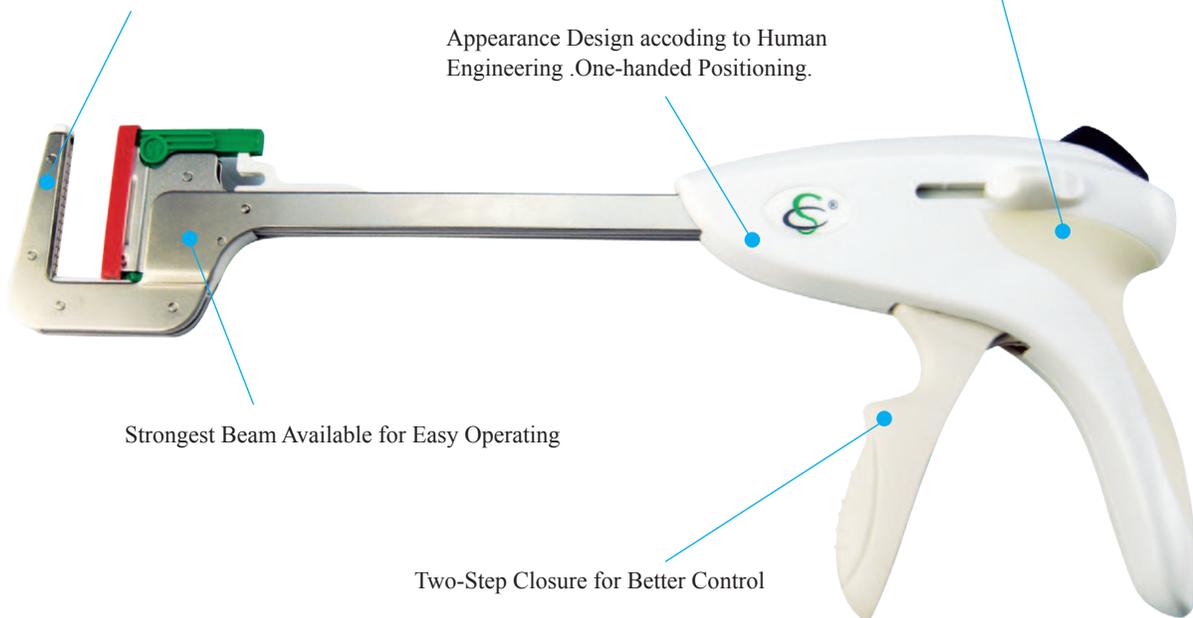
Disposable Auto Linear Stapler

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.

Appearance Design accoding to Human Engineering .One-handed Positioning.



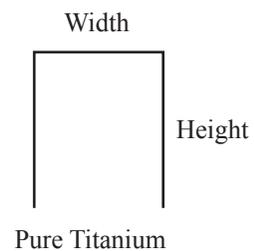
Strongest Beam Available for Easy Operating

Two-Step Closure for Better Control

ZHY series Major Technical Parameters

Product Code	Model	Staple Quantity	Staple Line Length (mm)	Height(mm)
12008030	ZHY-30D	11	30	4.5
12008045	ZHY-45D	15	45	4.5
12008060	ZHY-60D	21	60	4.5
12008090	ZHY-90D	31	90	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:**

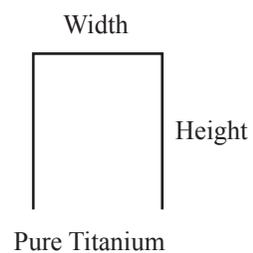
- Single use, avoid the possibility of cross-infection.
- Four specifications meet the requirement of different suture lengths.
- According to the thickness of tissue, the closure height of nail rooms can be adjusted.
- A stand-by nail room is equipped and it can be used in the same operation.



*FH-Y series Major Technical Parameters*

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

*Staple dimension*

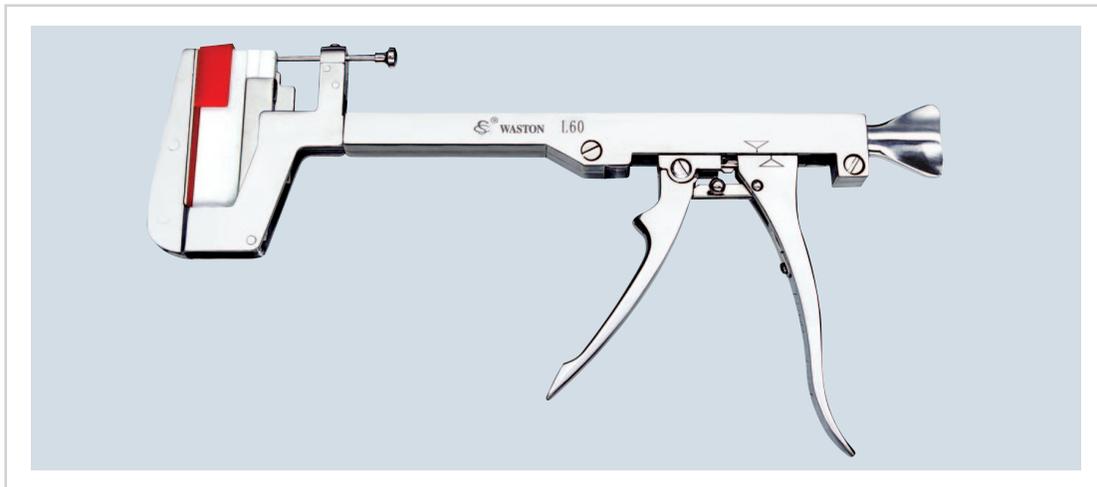


FHD Series

# 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.
- Three cartridges of different specifications can fit for three different operation modes.



Product Code	Model	Staple Quantity	Staple Line Length	Width (mm)	Height (mm)
12004030	FHD-30D	11	34	4	4.5
12004060	FHD-60D	19	55	4	4.5
12004090	FHD-90D	33	94	4	4.5

This stapler is original equipped with matching model of sterilized cartridge. Additional cartridges can be ordered.



Cartridge code	Cartridge mode	Staple Height (mm)
12022030	FZ-30-D	4.5
12022060	FZ-60-D	4.5
12022090	FZ-90-D	4.5

**QHS Series**

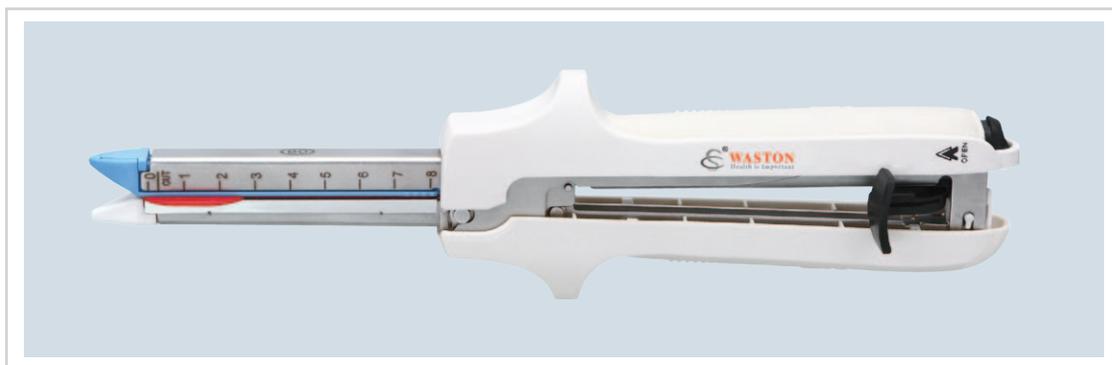
# *Disposable Linear Cutter*

**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 outline (98mm), transect a larger organ in one firing.



Product Code	Disposable Linear Cutter	Cutting Line Length(mm)	Staple Closure Height (mm)	Staple Line Length (mm)	Staple Quantity
12007160	QHS-60-C	58	1.0	60	64
12007180	QHS-80-C	78	1.5	80	84
12007380	QHS-80-D	78	2.0	80	84

## QHS Series

# *Disposable Linear Cutter*



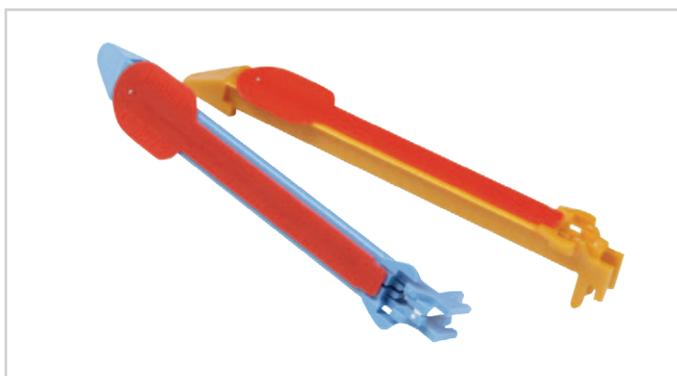
Cartridge code	Cartridge mode	Cartridge Color	Staple Height (mm)
12026060	QZS-60-C	Blue	3.8
12026080	QZS-80-C	Blue	3.8
12026180	QZS-80-D	Yellow	4.4

**QHD Series**

*Disposable Linear Cutter*



Product Code	Disposable Linear Cutter	Cutting Line Length (mm)	Staple Closure Height (mm)	staple Height (mm)	Staple Line Length (mm)	Staple Qty
12007560	QHD-60-C	58	1.0	3.8	60	68
12007580	QHD-80-C	83	1.5	3.8	80	88
12007780	QHD-80-D	83	2.0	4.4	80	88
12007510	QHD-100-D	98	2.0	4.4	100	108



Cartridge code	Cartridge mode	Cartridge Color	Staple Height (mm)
12026260	QZD-60-C	Blue	3.8
12026280	QZD-80-C	Blue	3.8
12026380	QZD-80-D	Yellow	4.4
12026210	QZD-100-D	Blue	4.4

HQY-30

# Disposable Curved Stapler

**Application:**

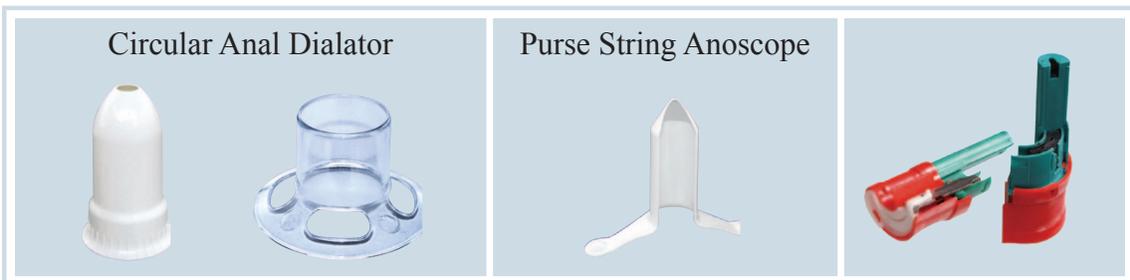
Applied to anastomosis and resection of anal sphincter organizations and the mucosa part. Usually used in the surgical treatment of anal wall diseases.

**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.



Product Code	Model	Fundamental Dimensions (L)		The Effective Length of Components (L1)		Staple Height
		Total Length	Limit deviation	Basic Size	Limit deviation	
12009030	HQY-30-D	435	±10	20	±2	4.8



Cartridge code	Cartridge mode	Staple Height (mm)
12025030	HQZ-30-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.



Product Code	Model	Fundamental Dimensions (L)		The Effective Length of Components (L1)		Staple Height
		Total Length	Limit deviation	Basic Size	Limit deviation	
12009045	HQY-45-D	435	±10	40	±2	4.8

Cartridge code	Cartridge mode	Staple Height (mm)
12025045	HQZ-45-D	4.8



**HFY Series***Disposable Auto-Purse  
String Forceps***Application:**

The product is applicable to purse string suture in surgery.

**Function:**

The product is used to bind a purse in surgery by driving suture staples evenly around the patient's tissue, and pulling the thread. It helps to form a purse in a mechanic manner and can save the surgeon's time to make a purse manually.

**Contraindications**

1. Use on friable tissue is contraindicated.
2. Do not use the instrument when the tissue thickness is less than 1.0mm. It may result in tissue conglutination together.



Product Code	Model	Fundamental Dimensions (L)		The Effective Length of Components (L1)		Height of Staple
		Total Length	Limit deviation	Basic Size	Limit deviation	
12011045	HFY-45	310	±5	47	±2	18
12011065	HFY-65	255	±5	68	±2	28

GMJ Series

*Disposable Anoscope*

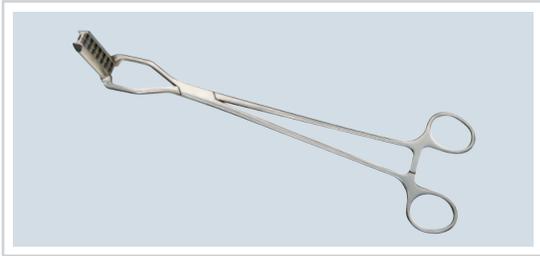
**Description:**

Used for the lesion examination of rectum,anal,anus and other parts.



Product Code	Model	Color	Outer Diameter(mm)	Inner Diameter(mm)	Material
12053001	GMJ	Transparent	34±1	35±1	Polycarbonate
		White	-	34±1	ABS

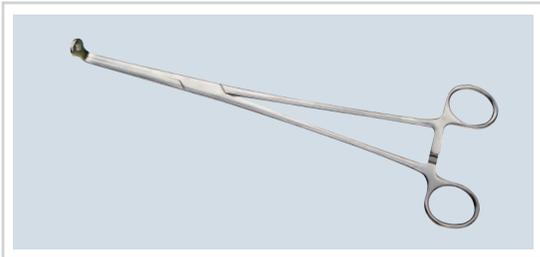
**HBQ Series**  
**Purse Pliers**



Product Code	Model	Dimension	Tooth Qty
12051007	HBQ-7	42mm	7
12051008	HBQ-8	48mm	8
12051009	HBQ-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.

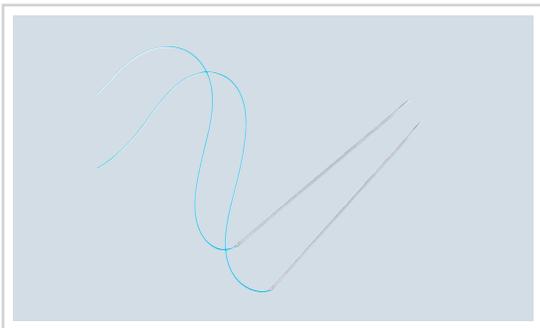
**CZQ Series**  
**Holding Pliers**



Product Code	Model	Dimension
12052005	CZQ-5	5mm

- 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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