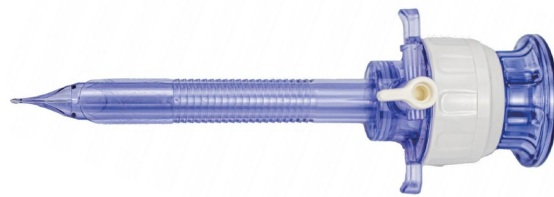


ENDOSCOPIC INSTRUMENTS

STAPLERS AND TROCARS



DISPOSABLE ENDOSCOPIC CUTTING STAPLER

- ❖ Variable sizes of staple reload to offer you more options for different tissue thickness.
- ❖ Build-in blade for each staple reload to provide the complete tissue cutting and reduce the possibility of implantation metastasis after tumour resection.
- ❖ 6 rows of staple lines to improve the safety of anastomosis.

FEATURES AND BENEFITS:

- ❖ Variable reload sizes
- ❖ Build in knife blade for each reload
- ❖ 6 rows of staple lines



ACS SERIES DISPOSABLE ENDOSCOPIC CUTTING STAPLER

Nº	Description	Model	Remark
1		ACS60	(Short)
2	ACS series Disposable endoscopic cutting stapler	ACS160	(Regular)
3		ACS260	(Long)

APPLICABLE STAPLE RELOAD

ARR SERIES DISPOSABLE ENDOSCOPIC CUTTING STAPLER RELOAD (ARTICULATED):

Model	Cartridge Color	Anastomosis length (mm)	Staple height (mm)	Closed height (mm)	Staple quantity (pc)
ARR30W	White	33	2.5	1.0	48
ARR30B	Blue	33	3.5	1.5	48
ARR30Y	Yellow	33	4.0	1.8	48
ARR30G	Green	33	4.8	2.0	48
ARR45W	White	45	2.5	1.0	66
ARR45B	Blue	45	3.5	1.5	66
ARR45Y	Yellow	45	4.0	1.8	66
ARR45G	Green	45	4.8	2.0	66
ARR60W	White	61	2.5	1.0	90
ARR60B	Blue	61	3.5	1.5	90
ARR60Y	Yellow	61	4.0	1.8	90
ARR60G	Green	61	4.8	2.0	90

ASR SERIES DISPOSABLE ENDOSCOPIC CUTTING STAPLER RELOAD (STRAIGHT):

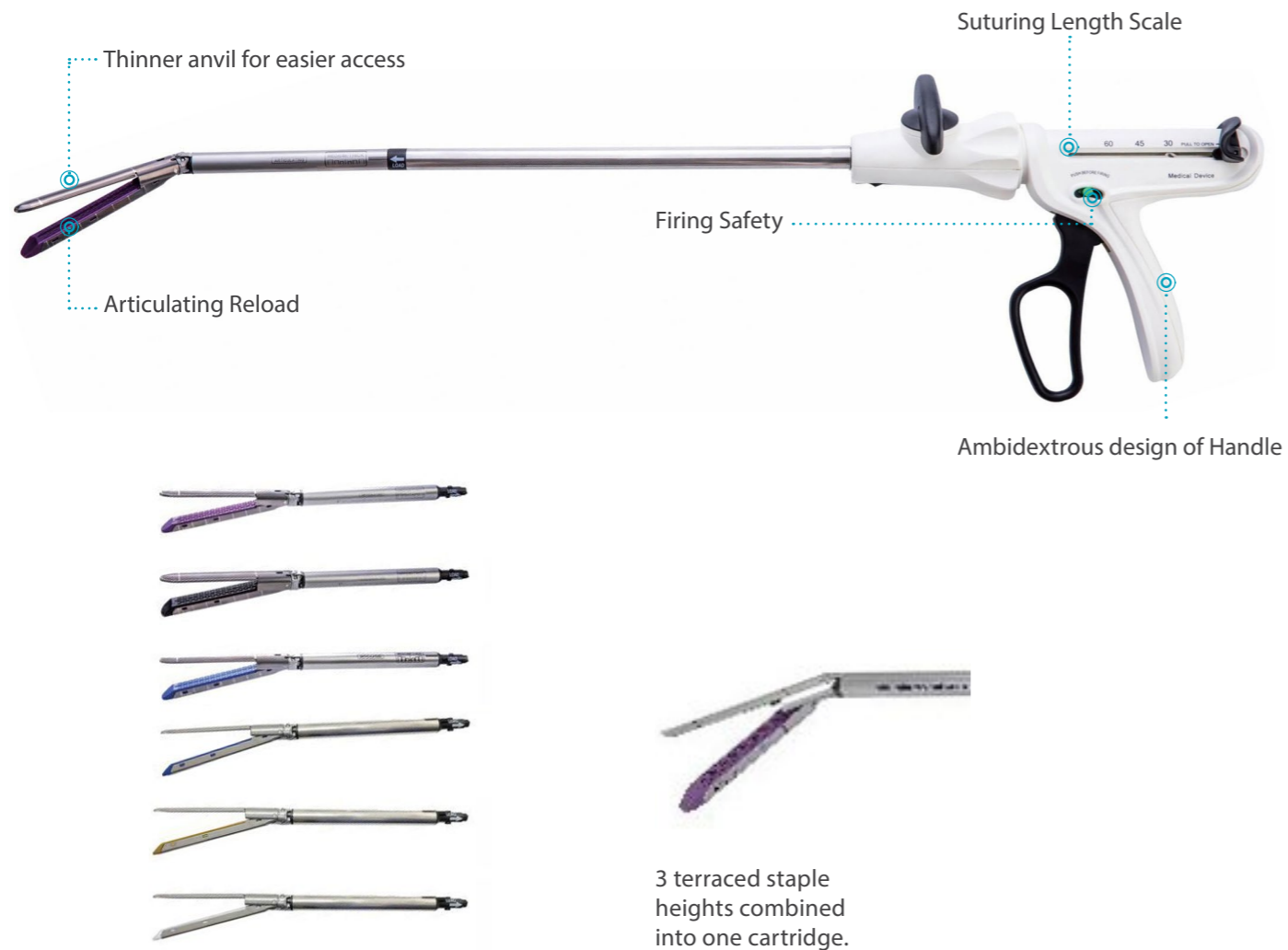
Model	Cartridge Color	Anastomosis length (mm)	Staple height (mm)	Closed height (mm)	Staple quantity (pc)
ASR30W	White	33	2.5	1.0	48
ASR30B	Blue	33	3.5	1.5	48
ASR30Y	Yellow	33	4.0	1.8	48
ASR30G	Green	33	4.8	2.0	48
ASR45W	White	45	2.5	1.0	66
ASR45B	Blue	45	3.5	1.5	66
ASR45Y	Yellow	45	4.0	1.8	66
ASR45G	Green	45	4.8	2.0	66
ASR60W	White	61	2.5	1.0	90
ASR60B	Blue	61	3.5	1.5	90
ASR60Y	Yellow	61	4.0	1.8	90
ASR60G	Green	61	4.8	2.0	90

DISPOSABLE ENDOSCOPIC CUTTING STAPLER

- ❖ Variable sizes of staple reload to offer you more options for different tissue thickness.
- ❖ Build-in knife blade for each staple reload to provide the complete tissue cutting and reduce the possibility of implantation metastasis after tumour resection.
- ❖ 6 rows of staple lines to improve the safety of anastomosis.
- ❖ Three terraced staple heights provide perfect balance of blood circulation and bleeding control. The better blood circulation will help anastomosis recover faster.

FEATURES AND BENEFITS:

- ❖ Various reload series
- ❖ Each reload equipped with a blade
- ❖ 3 terraced staple heights



TCS SERIES DISPOSABLE ENDOSCOPIC CUTTING STAPLER

Nº	Description	Model	Remark
1		TCS60	(Short)
2	TCS series Disposable endoscopic cutting stapler	TCS160	(Regular)
3		TCS260	(Long)

APPLICABLE STAPLE RELOAD

TRR SERIES DISPOSABLE ENDOSCOPIC CUTTING STAPLER RELOAD (ARTICULATED):

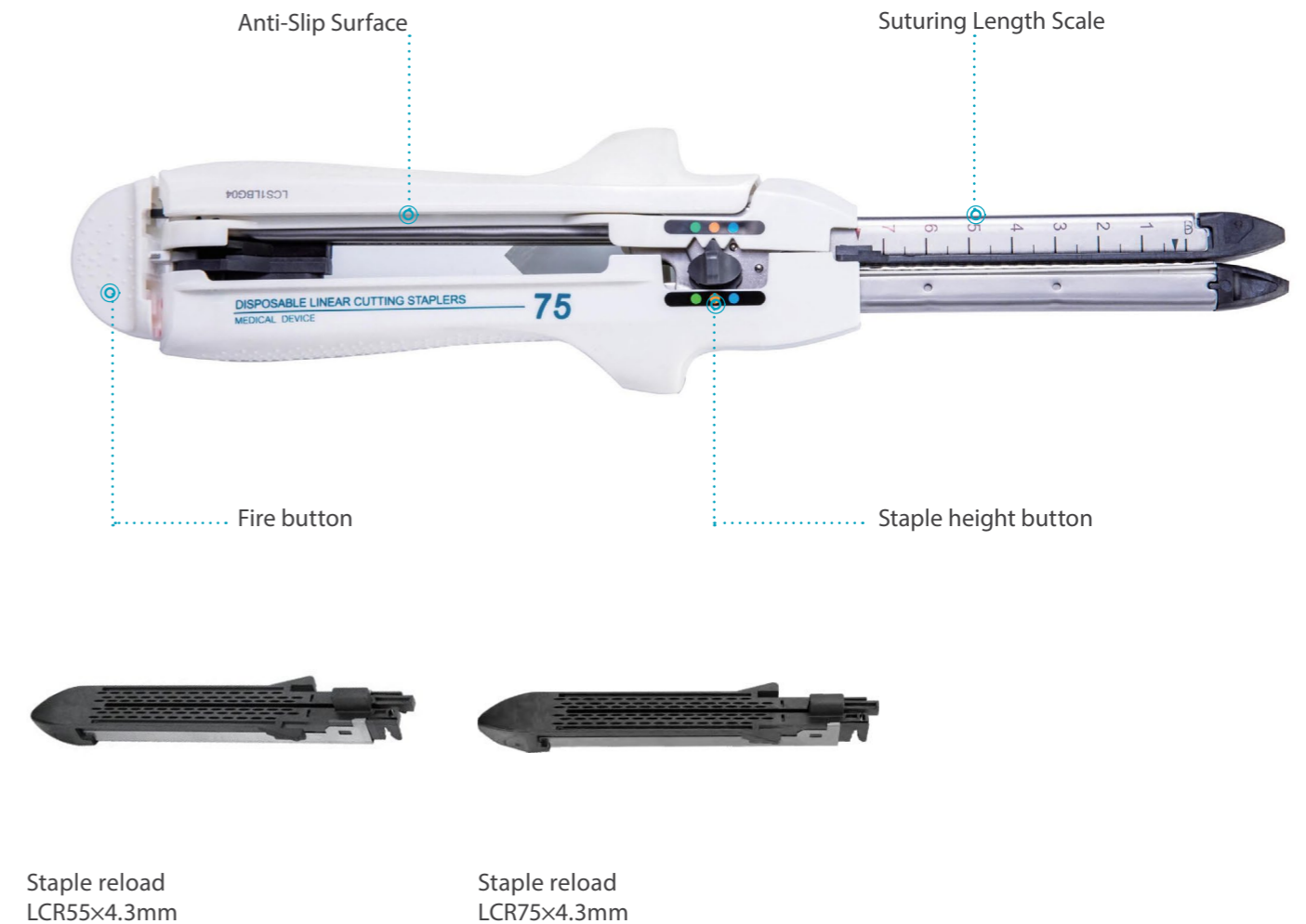
Model	Cartridge Color	Anastomosis length (mm)	Staple height (mm)	Closed height (mm)	Staple quantity (pc)
TRR30W	White	31	2.5	1.0	48
TRR30B	Blue	31	3.5	1.5	48
TSR30Y	Yellow	31	4.0	1.8	48
TSR30G	Green	31	4.8	2.0	48
TSR30P	Purple	31	3.0-3.5-4.0	1.2-1.5-1.8	48
TSR30H	Black	31	4.0-4.5-5.0	1.8-2.0-2.2	48
TSR30T	Tan	31	2.0-2.5-3.0	0.75-1.0-1.2	48
TSR45W	White	43	2.5	1.0	66
TSR45B	Blue	43	3.5	1.5	66
TSR45Y	Yellow	43	4.0	1.8	66
TSR45G	Green	43	4.8	2.0	66
TSR45P	Purple	43	3.0-3.5-4.0	1.2-1.5-1.8	66
TSR45H	Black	43	4.0-4.5-5.0	1.8-2.0-2.2	66
TSR45T	Tan	43	2.0-2.5-3.0	0.75-1.0-1.2	66
TSR60W	White	59	2.5	1.0	90
TSR60B	Blue	59	3.5	1.5	90
TSR60Y	Yellow	59	4.0	1.8	90
TSR60G	Green	59	4.8	2.0	90
TSR60P	Purple	59	3.0-3.5-4.0	1.2-1.5-1.8	90
TSR60H	Black	59	4.0-4.5-5.0	1.8-2.0-2.2	90
TSR60T	Tan	59	2.0-2.5-3.0	0.75-1.0-1.2	90

TSR SERIES DISPOSABLE ENDOSCOPIC CUTTING STAPLER RELOAD (STRAIGHT):

Model	Cartridge Color	Anastomosis length (mm)	Staple height (mm)	Closed height (mm)	Staple quantity (pc)
TRR30W	White	31	2.5	1.0	48
TRR30B	Blue	31	3.5	1.5	48
TSR30Y	Yellow	31	4.0	1.8	48
TSR30G	Green	31	4.8	2.0	48
TSR30P	Purple	31	3.0-3.5-4.0	1.2-1.5-1.8	48
TSR30H	Black	31	4.0-4.5-5.0	1.8-2.0-2.2	48
TSR30T	Tan	31	2.0-2.5-3.0	0.75-1.0-1.2	48
TSR45W	White	43	2.5	1.0	66
TSR45B	Blue	43	3.5	1.5	66
TSR45Y	Yellow	43	4.0	1.8	66
TSR45G	Green	43	4.8	2.0	66
TSR45P	Purple	43	3.0-3.5-4.0	1.2-1.5-1.8	66
TSR45H	Black	43	4.0-4.5-5.0	1.8-2.0-2.2	66
TSR45T	Tan	43	2.0-2.5-3.0	0.75-1.0-1.2	66
TSR60W	White	59	2.5	1.0	90
TSR60B	Blue	59	3.5	1.5	90
TSR60Y	Yellow	59	4.0	1.8	90
TSR60G	Green	59	4.8	2.0	90
TSR60P	Purple	59	3.0-3.5-4.0	1.2-1.5-1.8	90
TSR60H	Black	59	4.0-4.5-5.0	1.8-2.0-2.2	90
TSR60T	Tan	59	2.0-2.5-3.0	0.75-1.0-1.2	90

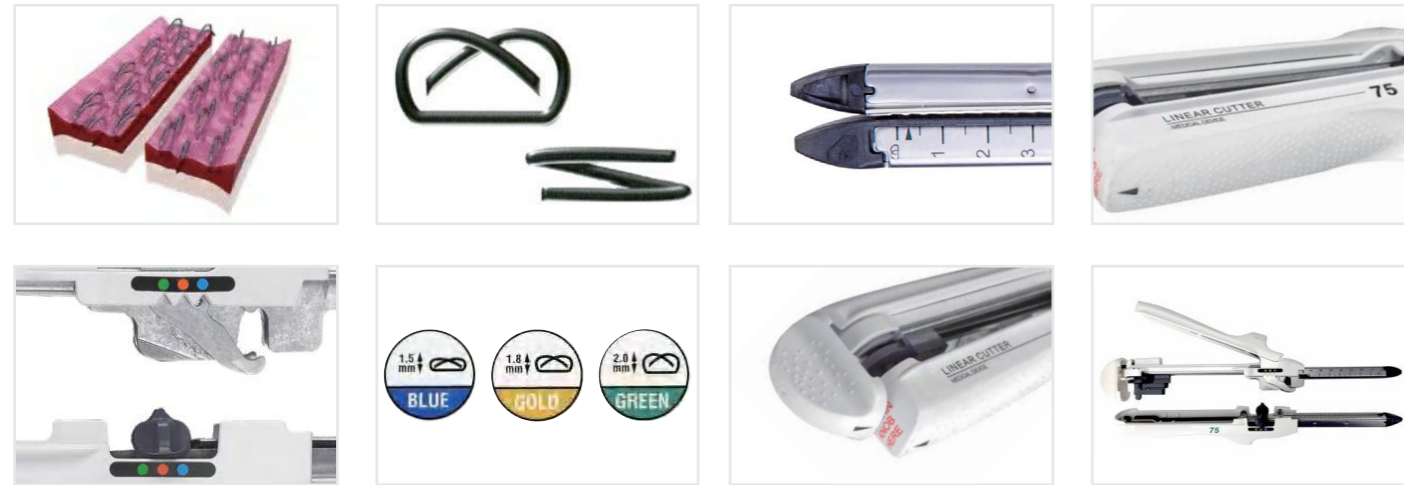
DISPOSABLE LINEAR CUTTING STAPLERS

Model:
LCS55 × 4.3
LCS75 × 4.3



FEATURES AND BENEFITS:

- ❖ 6 rows staples and 3D staples
- ❖ Adjustable staple height
- ❖ Proximal «pre-pressing» button
- ❖ Two-way firing knob



APPLICATION:

1. Titanium alloy staples provide superior strength to prevent anastomotic fistula.
2. A build-in safety feature is incorporated into the instrument preventing it from being fired with an used cartridge.
3. The innovative six rows and 3D staple design offer superior haemostatic effect.
4. Each reload can be adjusted in accordance with the tissue thickness, eliminating different size reloads or any potential confusion.
5. Proximal «pre-pressing» button, allowing a consistent staple formation.
6. Anti-Slip Surface, ensuring safe and efficient handling of the linear cutter during the surgical procedure.
7. User friendly two-way firing knob.
8. Tissue space control mechanism ensuring a consistent staple formation from proximal to distal tip of the instrument.

Model	Applicable Cartridge	Staple quantity (pc)	Staple reload length (mm)	Anastomosis length (mm)
LCS55 × 4.3	LCR55 × 4.3	88	61	56
LCS75 × 4.3	LCR75 × 4.3	118	81	76

DISPOSABLE LINEAR CUTTING STAPLERS

Model:
TLCS60
TLCS80
TLCS100



Staple reload
TLCS60×3.8
TLCS80×3.8
TLCS100×3.8



Staple reload
TLCS60×4.8
TLCS80×4.8
TLCS100×4.8

Model:
TLCA60
TLCA80
TLCA100



Staple reload
TLCA60×3.8
TLCA80×3.8
TLCA100×3.8



Staple reload
TLCA60×4.8
TLCA80×4.8
TLCA100×4.8

FEATURES AND ADVANTAGES (TLCS)

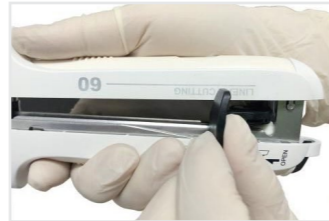
- ❖ 4 rows staples
- ❖ Proximal «pre-pressing» button



- ❖ User-friendly firing knob
- ❖ Various reloads

FEATURES AND ADVANTAGES (TLCA)

- ❖ One-button disassembly
- ❖ Each reload equipped with a blade



- ❖ Two-way firing knob
- ❖ Safety lock to prevent misfire

APPLICATION:

1. The four rows staple formation offers good haemostatic effect.
2. Proximal "pre-pressing" button, allowing a consistent staple formation.
3. User-friendly firing knob.
4. Variety of reloads offer more options to match the specific staple height formation.

Model	Applicable Cartridge	Staple quantity (pc)	Staple height (mm)	Firing knob	Location of blade
TLCS60	TLCR60 × 3.8	64	3.8	One way firing	on the handle
	TLCR60 × 4.8		4.8		
TLCS80	TLCR80 × 3.8	84	3.8		
	TLCR80 × 4.8		4.8		
TLCS100	TLCR100 × 3.8	104	3.8		
	TLCR100 × 4.8		4.8		

Model	Applicable Cartridge	Staple quantity (pc)	Staple height (mm)	Firing knob	Location of blade
TLCA60	TLCAR60 × 3.8	64	3.8	Two way firing	on the Cartridge
	TLCAR60 × 4.8		4.8		
TLCA80	TLCAR80 × 3.8	84	3.8		
	TLCAR80 × 4.8		4.8		
TLCA100	TLCAR100 × 3.8	104	3.8		
	TLCAR100 × 4.8		4.8		

DISPOSABLE INTRALUMINAL STAPLERS

Curved type:
DCS21
DCS25
DCS29
DCS33

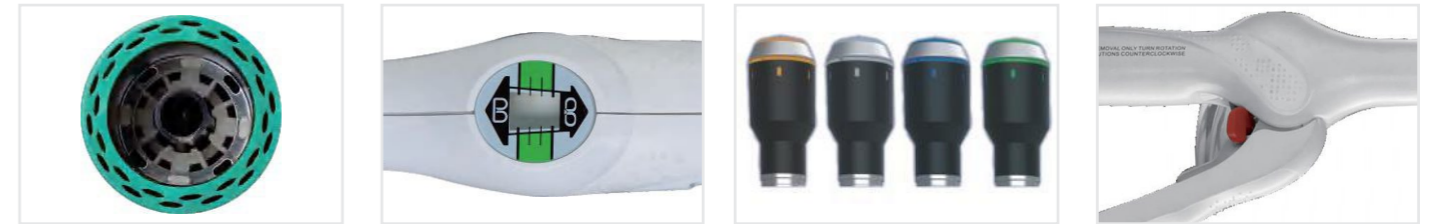


Straight type:
DSS21
DSS25
DSS29
DSS33



FEATURES AND BENEFITS:

- ❖ Two staggered row of staples
- ❖ Firing in the green range
- ❖ Available sizes
- ❖ Non-Slip Grip design



APPLICATION:

1. Titanium alloy staples provide superior strength to prevent anastomotic fistula.
2. A slim designed anvil puts less strain on the anastomotic site during removal.
3. Two staggered row of staples allows a good anastomosis and haemostatic seal.
4. Firing in the green range delivers a closed staple height appropriate for compressed tissue thickness.
5. Variety of sizes provide more options for the individual patient anatomy requirements.
6. Non-Slip Grip provides improved comfort and control.
7. Audible and visible feedback for better reminding surgeons about fire completion.

Model	Cartridge Color	Staple height (mm)	Staple quantity (pc)	Anastomosis diameter (mm)
DCS21	Orange	5.5	16	12.4
DCS25	White	5.5	20	16.4
DCS29	Blue	5.5	24	20.4
DCS33	Green	5.5	28	24.4
DCS21	Orange	5.5	16	12.4
DCS25	White	5.5	20	16.4
DCS29	Blue	5.5	24	20.4
DCS33	Green	5.5	28	24.4

DISPOSABLE ANORECTAL STAPLERS

Model:
PPH33
PPH34
PPH36



FEATURES AND ADVANTAGES:

- ❖ Extra-large cartridge volume
- ❖ 3D staples design

- ❖ Butterfly knob
- ❖ Firing in the green range



- ❖ Circumferential resection accessories
- ❖ Selectable resection accessories

- ❖ C-arm probe allows hemorrhoids treatment for bigger piles while prevents severe stricture issues from PPH



APPLICATION:

1. Titanium alloy 3D staples provide superior strength to prevent anastomotic fistula.
2. A slim designed anvil puts less strain on the anastomotic site during removal.
3. Two staggered row of staples allows a good anastomosis and haemostatic seal.
4. Firing in the green range delivers a closed staple height appropriate for compressed tissue thickness.
5. Extra-large cartridge volume for more tissue incorporation.
6. Variety of sizes provide more options for the individual patient anatomy requirements.
7. Non-Slip Grip provides improved comfort and control.
8. Audible and visible feedback for better reminding surgeons about fire completion.

Model	Cartridge Color	Staple height (mm)	Closed staple height (mm)	Staple quantity (pc)	Anvil diameter (mm)
PPH33	Green	4.0	0.75-1.5	32	33.4
PPH34	Blue	4.0	0.75-1.5	32	33.6
PPH36	White	4.0	0.75-1.5	34	35.7

We offer more options for disposable anorectal staplers. Please consult to sales department for further information.

DISPOSABLE LINEAR STAPLERS

Model:
LS30
LS45
LS60



FEATURES AND ADVANTAGES:

- ❖ Extra-large cartridge volume
- ❖ 3D staples design

- ❖ Butterfly knob
- ❖ Firing in the green range



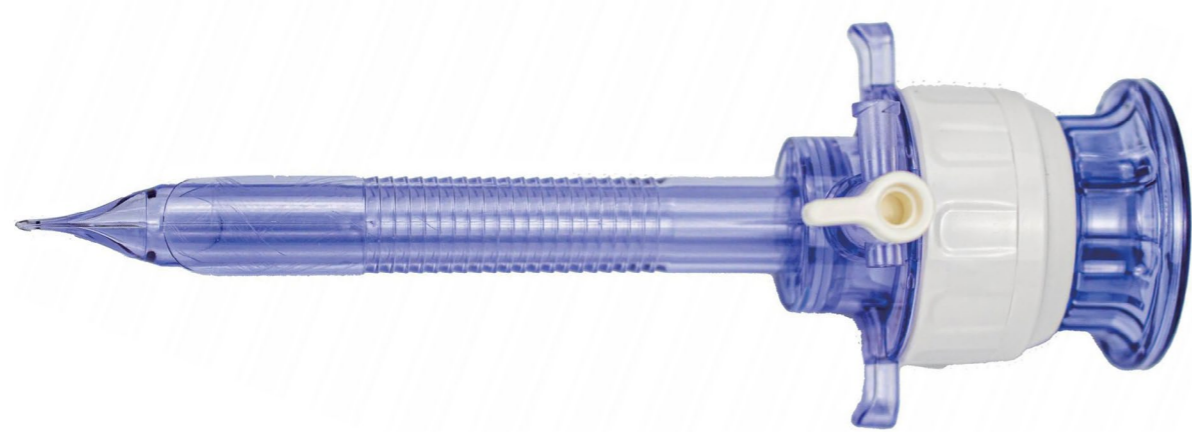
APPLICATION:

1. For use in suturing tissue's stump and incision during the digestive tract reconstruction and multi-visceral resection surgery.
2. Suture horizontally to make the tissue uniformly forced.
3. The locating pin to avoid tissue spillover.
4. Close and fire separately with clearly tactile and auditory feedback.
5. Two different staple heights to meet the suture request of different tissue thickness.
6. Titanium alloy staple brings better strength to prevent anastomotic fistula.

Stapler model	Model of staple reload	Cartridge Color	Staple height (mm)	Staple quantity (pc)
LS30×3.5	LSR30×3.5	Blue	3.5	11
LS30×4.8	LSR30×4.8	Green	4.8	11
LS45×3.5	LSR45×3.5	Blue	3.5	17
LS45×4.8	LSR45×4.8	Green	4.8	17
LS60×3.5	LSR60×3.5	Blue	3.5	21
LS60×4.8	LSR60×4.8	Green	4.8	21

DISPOSABLE TROCAR

Model:
PD5
PD10
PD23
PD15



FEATURES AND ADVANTAGES:

1. Tough and wear-resistant sealing film system to achieve the best air tightness.
2. The stability of the thread increases the fixation force of the abdominal wall.
3. The smaller drag force and funnel-shaped guide groove make the device enter more smoothly.
4. The two-sided tissue separated slice can minimize the abdominal wall trauma.
5. The low profile chamber makes the effective length of the instrument into the abdominal cavity larger, which is convenient for the operation in the deeper part.
6. Bladeless, Optical Tip-Direct visualization eliminates blind entry by enabling visualization of tissue layers during insertion.
7. Disposable use, avoid the possibility of cross infection.

APPLICATION:

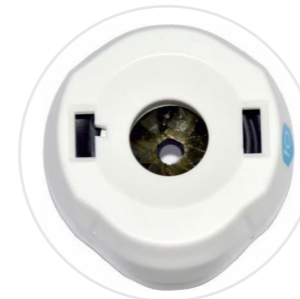
It is used in laparoscopic examination and operation to establish an aisle into abdominal or chest and effectively maintain pneumoperitoneum.



❖ Threaded body to prevent slippage



❖ Unique puncture needle design
Less trauma faster healing



❖ Retractable valve
No use Converter



Detachable design, easy access

Model	Size, mm	Structure
PD5	5	Puncture sleeve + puncture needle
PD10	10	Puncture sleeve + puncture needle
PD12	12	Puncture sleeve + puncture needle
PD15	15	Puncture sleeve + puncture needle

DISPOSABLE TROCAR

FEATURES AND ADVANTAGES:

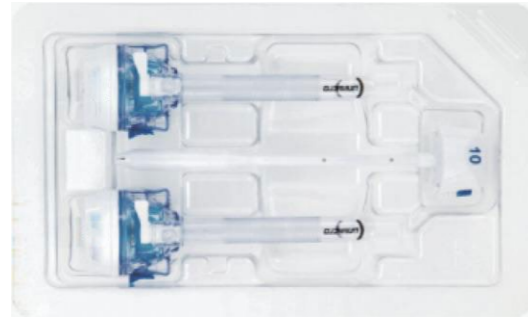
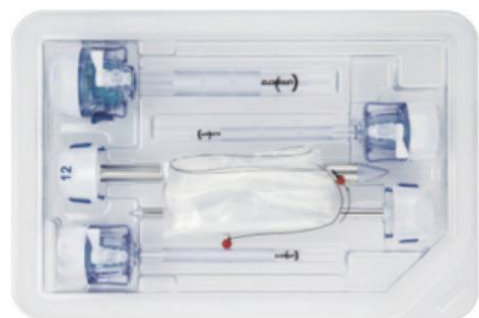
- ❖ One Hand Detach
- ❖ Precision
- ❖ Light Weight
- ❖ Easy to Operate



❖ PCD (Blade)



❖ PDQ (Optical)



One Hand Operation

- ❖ Upward Pushing Switch to Detach

Barb Thread Design

- ❖ Innovative Design, Stronger Fixation

Stainless Steel Obturator

- ❖ Enhance Penetration of Trocar

Visible Tip

- ❖ Unfettered Visualization During Insertion

Tip	Working Length	5 mm	10 mm	12 mm	15 mm
Blade	Standard (100 mm)	PCD5	PCD10	PCD12	PCD15
Optical	Standard (100 mm)	PDQ5	PDQ10	PDQ12	PDQ15*
Bladeless	Long Length (150 mm)	PDQL5	PDQL10	PDQL12	PDQL15

*PDQ15 is full-detachable design.

DISPOSABLE TROCAR

Curved tip



❖ Variable sizes of staple reload to offer you more options for different tissue thickness.

FEATURES AND BENEFITS:

1. User friendly design of curved tip is easy for vessel clamping.
2. Smaller anvil with tip for convenient desection.

Model	Cartridge Color	Anastomosis length (mm)	Staple height (mm)	Closed height (mm)	Staple quantity (pc)
ERR30T	Tan	27	2.0-2.5-3.0	0.75-1.0-1.2	48
ERR45T	Tan	43	2.0-2.5-3.0	0.75-1.0-1.2	66
ERR60T	Tan	59	2.0-2.5-3.0	0.75-1.0-1.2	90
ERR30W	White	27	2.5	1.0	48
ERR45W	White	43	2.5	1.0	66
ERR60W	White	59	2.5	1.0	90
ERR30P	Purple	27	3.0-3.5-4.0	1.2-1.5-1.8	48
ERR45P	Purple	43	3.0-3.5-4.0	1.2-1.5-1.8	66
ERR60P	Purple	59	3.0-3.5-4.0	1.2-1.5-1.8	90

DIXION

Vertrieb medizinischer Geräte GmbH

Couvenstr. 6, 40211 Düsseldorf, Germany

Tel. +49 (0)211 38838868

Fax +49 (0)211 38838697

www.dixion.de

info@dixion.de