

2020 ETHICON Product catalogue



LIGATION

LIGATION

LIGAMAX 5 Endoscopic Clip Applier



Product code	Shaft diameter	Clip size	Number of clips	Items in box
EL5ML	5mm	M / L	15	3

10MM LIGACLIP Endoscopic Rotating Multiple-Clip Applier



Product code	Shaft diameter	Clip size	Number of clips	Items in box
ER320	10mm	M / L	20	3

12MM LIGACLIP Endoscopic Rotating Multiple-Clip Applier



Product code	Shaft diameter	Clip size	Number of clips	Items in box
ER420	12mm	L	20	3

LIGACLIP Endoscopic Clip Applier



Product code	Clip size	Items in box
EL214	Medium	1
EL314	Medium/ Large	1
EL414	Large	1
LC2010Z	Medium	1
LC3010Z	Medium/ Large	1
LC4010Z	Large	1

LIGATION

LIGACLIP Multi-Clip Appliers



Product code	Shaft Length	Clip size	Number of clips	Items in box
MCS20	24cm	S	20	6
MSM20	24cm	M	20	6
MCM20	29cm	M	20	6
MCM30	29cm	M	30	6
MCL20	34cm	L	20	6

LIGACLIP Multi-Patient Single-Clip Applier- Blue



Product code	Shaft Length	Handle color	Clip size	Items in box
LX105	14.5cm	Blue	S	1
LX107	18.5cm	Blue	S	1

LIGACLIP Multi-Patient Single-Clip Applier- Silver



Product code	Shaft Length	Handle color	Clip size	Items in box
LX205	14.5cm	Silver	M	1
LX207	18.5cm	Silver	M	1
LX210	27.5cm	Silver	M	1
LX220 (Jaw Curved 45°)	27.5cm	Silver	M	1

LIGACLIP MULTI-PATIENT SINGLE-CLIP APPLIER - GREEN



Product code	Shaft Length	Handle color	Clip size	Items in box
LC307	18.5cm	Green	M / L	1
LC310	27.5cm	Green	M / L	1
LC320 (Jaw Curved 60°)	27.5cm	Green	M / L	1

LIGATION

LIGACLIP
Multi-Patient Single-Clip
Applier- Yellow



Product code	Shaft Length	Handle color	Clip size	Items in box
LC407	18.5cm	Yellow	L	1
LC410	27.5cm	Yellow	L	1
LC420 (Jaw Curved 90°)	27.5cm	Yellow	L	1

LIGACLIP
Ligating Clip Cartridge
Base



Product code	Description	Items in box
LC800	LIGACLIP" ligating Clip Cartridge Base	1

LIGACLIP
Ligating Clips
- For use with open and
endoscopic single clip
appliers



Product code	Color	Clip size	Number of clips	Items in box
LT100	Blue	S	6	36
LT102	Blue	S	20	15
LT200	Silver	M	6	36
LT202	Silver	M	20	15
LT300	Green	M / L	6	18
LT400	Yellow	L	6	18

LIGATION

ABSOLOK PLUS Resorptive ligating clips



Product code	Color	Clip size	Items in box
AP100	Blue	S	6 units with 10 clips in unit
AP200	White	M	6 units with 10 clips in unit
AP201	White	M	6 units with 5 clips in unit
AP202	White	M	6 units with 2 clips in unit
AP300	Green	M / L	6 units with 10 clips in unit
AP301	Green	M / L	6 units with 5 clips in unit
AP302	Green	M / L	6 units with 2 clips in unit
AP306	Green	M / L	6 units with 6 clips in unit
AP400	Yellow	L	6 units with 10 clips in unit
AP401	Yellow	L	6 units with 5 clips in unit
AP402	Yellow	L	6 units with 2 clips in unit
AP403	Yellow	L	6 units with 3 clips in unit
AP406	Yellow	L	6 units with 6 clips in unit

ABSOLOK PLUS Reusable applicators



Product code	Color	Clip size	Length	Items in box
AC105	Blue	S	14.5cm	1
AC107	Blue	S	18.5cm	1
AC207	Silver	M	18.5cm	1
AC210	Silver	M	27.5cm	1
AC307	Green	M / L	18.5cm	1
AC310	Green	M / L	27.5cm	1
AC320 (60°)	Green	M / L	27.5cm	1
AC407	Yellow	L	18.5cm	1
AC410	Yellow	L	27.5cm	1
AC420 (90°)	Yellow	L	27.5cm	1
AP2010S	White	M	33cm	1
AP3010S	Green	M / L	33cm	1
AP4010S	Yellow	L	33cm	1



SURGICAL STAPLING

SURGICAL STAPLING - PVS

**ECHELON FLEX
Powered Vascular
Stapler with Advanced
Placement Tip**



**ECHELON FLEX
Vascular White
Reload for Advanced
Placement Tip -
35mm**



Product code	Description	Items in box
PVE35A	35mm Standard Articulating Endoscopic linear Cutter,• 320mm	3

Product code	Reload color	Staple rows	Tissue thickness	Items in box
VASECR35	White	4	Vascular/thin	12

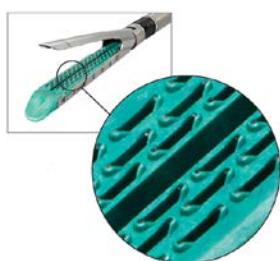
SURGICAL STAPLING – GST & Powered Plus

**ECHELON FLEX™
Powered Plus
Powered 45mm Stapler**



Product code	Description	Items in box
PLEE45A	45mm, 44cm long, 45° articulating endoscopic linear stapler	3
PSEE45A	45mm, 34cm long, 45° articulating endoscopic linear stapler	3
PCEE45A	45mm, 28cm long, 45° articulating endoscopic linear stapler	3

ECHELON GST 45mm Reloads
To use with all ECHELON 45mm staplers



Product code	Reload color	Staple rows	Tissue thickness	Items per box
GST45W	White	6	Vascular / thin	12
GST45B	Blue	6	Regular	12
GST45D	Gold	6	Regular / thick	12
GST45G	Green	6	Thick	12
GST45T	Black	6	Very thick	12

GST – Gripping Surface Technology – better tissue control before and during the firing

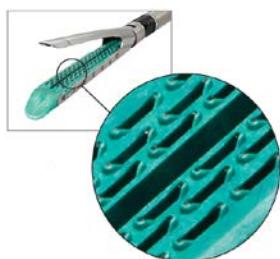
SURGICAL STAPLING – GST & Powered Plus

**ECHELON FLEX™
Powered Plus**
Powered 60mm Stapler



Product code	Description	Items in box
PLEE60A	60mm, 44cm long articulating endoscopic linear stapler	3
PSEE60A	60mm, 34cm long articulating endoscopic linear stapler	3
PCEE60A	60mm, 28cm long articulating endoscopic linear stapler	3

ECHELON GST 60mm Reloads
To use with all ECHELON 60mm staplers



Product code	Reload color	Staple rows	Tissue thickness	Items in box
GST60W	White	6	Vascular / thin	12
GST60B	Blue	6	Regular	12
GST60D	Gold	6	Regular / thick	12
GST60G	Green	6	Thick	12
GST60T	Black	6	Very thick	12

GST – Gripping Surface Technology – better tissue control before and during the firing

SURGICAL STAPLING

**ECHELON FLEX
ENDOPATH 45mm
stapler**



Product code	Shaft length	Articulation	Maximum firings	Items in box
SC45A	28cm	Yes	12	3
EC45A	34cm	Yes	12	3
EC45AL	44cm	Yes	12	3

**ECHELON 45mm Reloads
-For use with all ECHELON
45mm Endoscopic Staplers**



Product code	Reload color	Staple rows	Tissue thickness	Items in box
ECR45M	Gray	6	Mesenteric / thin	12
ECR45W	White	6	Vascular / thin	12
ECR45B	Blue	6	Regular	12
ECR45D	Gold	6	Regular / thick	12
ECR45G	Green	6	Thick	12

**ECHELON FLEX
ENDOPATH 60mm
stapler**



Product code	Shaft length	Articulation	Maximum firings	Items in box
SC60A	28cm	Yes	12	3
EC60A	34cm	Yes	12	3
LONG60AL	44cm	Yes	12	3

SURGICAL STAPLING

ECHELON 60mm Reloads

-For use with all ECHELON 60mm

Endoscopic Staplers



Product code	Reload color	Staple rows	Tissue thickness	Items in box
ECR60M	Gray	6	Mesenteric / thin	12
ECR60W	White	6	Vascular / thin	12
ECR60B	Blue	6	Regular	12
ECR60D	Gold	6	Regular / thick	12
ECR60G	Green	6	Thick	12

ENDOPATH ETS 45mm

Articulating Linear Cutter



Product code	Shaft length	Articulation	Reload included	Items in box
CTS45	28cm	Yes	No	3
ATS45	34cm	Yes	No	3
ATS45NK	34cm	Yes	No	3

ENDOPATH ETS45

Reloads

For use with all ETS 45mm

Endoscopic

Cutters



Product code	Reload color	Staple rows	Tissue thickness	Items in box
TR45W	White	6	Vascular / thin	12
6R45B	Blue	6	Regular	12
TR45G	Green	4	Thick	12

SURGICAL STAPLING

ECHELON CIRCULAR™ Powered Stapler



Product code	Head diameter	Adjustable closed staple height	Shaft length	Items in box
CDH23P	23mm	1.5 – 2.2mm	24cm	3
CDH25P	25mm	1.5 – 2.2mm	24cm	3
CDH29P	29mm	1.5 – 2.2mm	24cm	3
CDH31P	31mm	1.5 – 2.2mm	24cm	3

Combining technologies to reduce leaks:

- 3D Stapling Technology
- Gripping Surface Technology
- Powered Firing Platform

**61 %
FEWER
LEAKS¹**



¹ Preclinical perfusion model comparing Ethicon CDH29P to Medtronic manual EEA2835, in which perfusion was not statistically significantly different between devices (p>0.05). Ethicon, PSB004557 A comparison of staple line perfusion between 29mm ECHELON CIRCULAR™ Powered Stapler (CDH29P) and manual 28mm DST Series™ EEA™ Circular Stapler (EEA2835), November 2016, Data on File (053163-16111).

SURGICAL STAPLING

PROXIMATE

Curved Intraluminal Stapler



Product code	Head diameter	Adjustable closed staple height	Shaft length	Items in box
CDH21A	21mm	1.0 – 2.5mm	18cm	3
CDH25A	25mm	1.0 – 2.5mm	18cm	3
CDH29A	29mm	1.0 – 2.5mm	18cm	3
CDH33A	33mm	1.0 – 2.5mm	18cm	3

ENDOPATH

Endoscopic Curved Intraluminal Circular Stapler



Product code	Head diameter	Adjustable closed staple height	Shaft length	Items in box
ECS21A	21mm	1.0 – 2.5mm	28cm	3
ECS25A	25mm	1.0 – 2.5mm	28cm	3
ECS29A	29mm	1.0 – 2.5mm	28cm	3
ECS33A	33mm	1.0 – 2.5mm	28cm	3

ACCESSORIES



Product code	Description	Items in box
CSS	Bowel sizers for the ENDOPATH" ILS Curved Staplers, the set includes one each of a 25mm,29mm, and 33mm sizer	1
EH40	Reusable, purse string clamp	1
EH41	PROXIMATE anvil grasper, reusable	1
EH41L	PROXIMATE endoscopic anvil grasper, reusable	1
EH1990	PROXIMATE sizer, reusable	1
MIC500Z	Endoscopic grasper with ratchet mechanism, 10mm diameter, 33cm length, jaw 7mm, reusable	1
MIC503Z	Endoscopic grasper with ratchet mechanism, 5mm diameter, 33cm length, jaw 5mm, reusable	1

SURGICAL STAPLING

CONTOUR Curved Cutter Stapler



Product code	Reload color	Staple rows	Tissue thickness	Reload Included	Items in box
CS40B	Blue	4	Regular	Yes	3
CS40G	Green	4	Thick	Yes	3
CR40B	Blue	4	Regular	Reload	6
CR40G	Green	4	Thick	Reload	6

EES NTLC linear Cutter



Product code	Length	Adjustable closed staple height	Staple rows	Items in box
NTLC55	55mm	1.5mm, 1.8mm, 2.0mm	6	3
NTLC75	75mm	1.5mm, 1.8mm, 2.0mm	6	3
SR55	55mm	1.5mm, 1.8mm, 2.0mm	6	12
SR75	75mm	1.5mm, 1.8mm, 2.0mm	6	12

PROXIMATE TLC Linear Cutter



Product code	Reload color	Staple rows	Tissue thickness	Reload Included	Items in box
TVC55	White	4	Vasc / Thin	Yes	3
TLC55	Blue	4	Regular	Yes	3
TCT55	Green	4	Thick	Yes	3
TLC75	Blue	4	Regular	Yes	3
TCD75	Gold	4	Reg / Thick	Yes	3
TCT75	Green	4	Thick	Yes	3
TLC10	Blue	4	Regular	Yes	3
TCT10	Green	4	Green	Yes	3

SURGICAL STAPLING

PROXIMATE Linear Cutter Cartridge



Product code	Reload color	Staple rows	Tissue thickness	Items in box
TVR55	White	4	Vasc / Thin	12
TCR55	Blue	4	Regular	12
TRT55	Green	4	Thick	12
TCR75	Blue	4	Regular	12
TRD75	Gold	4	Reg / Thick	12
TRT75	Green	4	Thick	12
TCR10	Blue	4	Regular	12
TRT10	Green	4	Green	12

SURGICAL STAPLING

PROXIMATE TX Reloadable Staplers (TX)



Product code	Reload color	Staple rows	Tissue thickness	Reload Included	Items in box
TX30V	White	3	Vasc / Thin	Yes	3
TX30B	Blue	2	Regular	Yes	3
TX30G	Green	2	Thick	Yes	3
TX60B	Blue	2	Regular	Yes	3
TX60G	Green	2	Thick	Yes	3

PROXIMATE TX Reloadable Staplers Cartridge (TX)



Product code	Reload color	Staple rows	Tissue thickness	Items in box
XR30V	White	3	Vasc / Thin	12
XR30B	Blue	2	Regular	12
XR30G	Green	2	Thick	12
XR60B	Blue	2	Regular	12
XR60G	Green	2	Thick	12

PROXIMATE PPH Hemorrhoidal Circular Stapler



Product code	Number of staples	Adjustable closed staple height	Staple rows	Items in box
PPH03	28	0.75 – 1.5mm	2	3

Controlled compression for a strong anastomosis^{1,2*}

ETHICON™ Circular Stapler



Adjustable tissue compression

- The ETHICON Circular Stapler with its controlled Tissue Compression and Adjustable Height Staple Technology is designed to deliver the desired compression needed for a strong anastomosis and effective perfusion.^{1,2*}
- Ethicon Circular Staplers delivered significantly less unacceptable tissue damage than Medtronic fixed compression circular staplers.^{3#}

Up to 35% reduced cutting force to break through the washer^{4†}

Compared to previous Ethicon™ Circular Stapler

- The Ethicon Circular Stapler, with up to 35% reduced force to break through the washer compared to the previous circular stapler, enabled users to more easily complete the firing sequence.^{4†}

Less tension on tissue during closure and opening^{5‡}

Compared to Medtronic DST Series™ EEA™

- The ETHICON™ Circular Stapler with its continuously smooth anvil shaft created 88% less tissue movement during anvil closure.^{5‡}
- Fixed anvil design caused 73% less tissue strain during opening.^{5§}

More device feedback when firing^{6¶}

Compared to Medtronic DST Series™ EEA™

- Breakaway washer created more audible and tactile feedback.^{6¶}

*In a porcine model maximum intraluminal pressure of an anastomosis correlated most strongly with the compression of the tissue involved in the anastomosis. #In-vitro collagen tissue model with Ethicon Circular Staplers, 19 out of 232 collagen tissues exhibited unacceptable tissue damage with adjustable compression (CDH29A), vs. 29 out of 88 with Medtronic fixed compression (EEA28 with green cartridge). Unacceptable injury was defined as cases where the damage exceeded half of the collagen thickness. †Benchtop testing of force to fire of Ethicon 25mm devices, comparing means of 7092 in*lbf for CDH25B (n=32) to 11128 in*lbf for CDH25A (n=32), p<0.05. ‡Benchtop testing on porcine colon, comparing means of 1.214mm for Ethicon CDH29B (n=23) to 10.240mm for Medtronic EEA28 (n=23), p<0.001 for tissue displacement, resulting in 8.4 times less longitudinal displacement during closure for CDH29B, and comparing means of 0.022 for Ethicon CDH29B (n=23) to 0.081 for Medtronic EEA28 (n=23), p=0.0016 for tissue strain, resulting in 3.4 times less circumferential strain during opening for CDH29B. §Benchtop testing on porcine colon, comparing means of 1.214mm for Ethicon CDH29B (n=23) to 10.240mm for Medtronic EEA28 (n=23), p<0.001. ¶Benchtop testing on porcine colon, comparing means of 0.022 for Ethicon CDH29B (n=23) to 0.081 for Medtronic EEA28 (n=23), resulting in 3.7 times less circumferential strain during opening for CDH29B (p=0.0016). ¶For use with updated codes (B codes): Benchtop testing comparing average vibration measured as mean vectorial acceleration during firing. ECS29B 11762mm/s² vs EEA28 3707mm/s², (p<0.001, 95% CI for difference = 6788mm/s², 9322 mm/s²). Benchtop testing comparing mean peak sound intensity during firing. ECS29B 100.46dB (linear) vs EEA28 96.32dB (linear), (p=0.003, 95% CI for difference = 1.57, 6.71).

ETHICON™ Circular Stapler, XL Sealed



CODE	DIAMETER	# OF STAPLES	OPEN STAPLE LEG LENGTH	CLOSED STAPLE HEIGHT	SHAFT LENGTH	QUANTITY PER BOX
ECS21B	21mm	16	5.2mm	1.5 - 2.2mm	XL	3
ECS25B	25mm	20	5.2mm	1.5 - 2.2mm	XL	3
ECS29B	29mm	24	5.2mm	1.5 - 2.2mm	XL	3
ECS33B	33mm	28	5.2mm	1.5 - 2.2mm	XL	3

ETHICON™ Circular Stapler



CODE	DIAMETER	# OF STAPLES	OPEN STAPLE LEG LENGTH	CLOSED STAPLE HEIGHT	SHAFT LENGTH	QUANTITY PER BOX
CDH21B	21mm	16	5.2mm	1.5 - 2.2mm	Standard	3
CDH25B	25mm	20	5.2mm	1.5 - 2.2mm	Standard	3
CDH29B	29mm	24	5.2mm	1.5 - 2.2mm	Standard	3
CDH33B	33mm	28	5.2mm	1.5 - 2.2mm	Standard	3

Designed for creating the anastomosis throughout the alimentary tract⁷

Examples of applicable procedures



Colon resection



Gastrectomy
Gastric bypass



Esophagectomy

1. Ethicon, SCN052882B Summary of Design Intent for Ethicon Circular Stapler to support market claims, Jan 2021, Data on file (I07243-210118 EMEA)
2. Meyer S, Rothermel WS Jr, Shaffer L. The effect of tissue compression on circular stapler line failure. *Surg Endosc* 2011; 25(9):3043-9
3. Son G, Kwon M, Ahn H, et al. Compression injury of the circular stapler for gastrointestinal end-to-end anastomosis: preliminary in-vitro study. *Ann Surg Treat Res* 2020;99:72-81.
4. Ethicon PRC085922C Reno vs. Kodiak Force to Fire Comparison, April 2020, Data on file. Ethicon, SCN051609 Attachment 1 Reno Surgeon Research Executive Summary, May 2017, Data on file (I09888-200713 EMEA)
5. Ethicon, PS8004770 Tissue Displacement and Deformation of Ethicon RENO (RENO) and Medtronic DST (DST) Circular Staplers on Harvested Porcine Colon, May 2018, Data on file (I09880-210127 EMEA, I09881-210127 EMEA, I09885-210127 EMEA)
6. Ethicon, 17112017 OMECO Technical Report # REL/3393/17 Comparison of peak sound and vibration produced by disposable surgical circular staplers, Nov 2017, Data on file Ethicon, 2911017 Project RENO Audible and Tactile Comparison Statistical Analysis, Signed Memo, Nov 2017, Data on file (I09884-210127 EMEA)
7. Instructions for use

Please refer always to the Instructions for Use / Package Insert that come with the device for the most current and complete instructions.

The third party trademarks used herein are the trademarks of their respective owners.

For UK enquires:
Ethicon Endo-Surgery (Europe) GmbH
Hummelsbütteler Steindamm 71
22851 Norderstedt
Germany

Johnson & Johnson Medical Limited
Baird House, 4 Lower Gilmore Bank
Edinburgh, EH3 9QP
United Kingdom

www.jnjmedicaldevices.com

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