idg MEDICA
Taking care of your healthcare needs

Endo-Surgery

Mechanical Closure Devices (Staplers)

Infrastructure

Situated on 180 acres of land and built over a 300,000 sq.ft. area, Meril's ISO 13485 & cGMP certified ultra-modern manufacturing facility is constructed to satisfy the stringent needs of our cardiovascular, orthopedics, diagnostics and endo-surgery businesses, as well as our R&D endeavors.

Fully integrated manufacturing systems ensure backward integration, flawless man-material movement and complete control over processes to eliminate production errors. All manufacturing and sterilization processes are conducted in-house, in addition to the analytical and microbiological QA/QC tests required to meet the world-class production standards.

Talent

Meril's 2700+ personnel are a strong, experienced team comprising designers, engineers, chemists, microbiologists, regulatory affair experts, R&D scientists, clinical affairs experts, legal, finance, sales and marketing professionals with innovative capabilities. The team is continuously striving towards improving and saving lives every day by providing revolutionary solutions for diagnosis, prevention and treatment.

Currently Meril has direct sales & representative offices in India, Germany, Turkey, USA, China and Brazil, and a strong distribution network spread over an additional 102+ countries in 6 continents.

Meril Academy

While innovations and advancements in medical technology play a vital role in contributing to the betterment of a healthy society, a larger role also lies in educating and imparting practical training to doctors, clinicians and other members of the medical fraternity. This initiative will help bridge the gaps between the available technology, its adoptions and its implementation for superior patient care.

To add value to medical professionals and young medical interns, Meril Academy is being set up that will soon be realized in form of a world-class institution. Spread over a massive area of 200,000 sq. ft. and surrounded with lush, green natural beauty, Meril Academy will take shape at the Meril headquarters in Vapi.

Meril Endo-Surgery

In line with the objective to design and develop novel, clinically relevant, state-of-art surgical devices, Meril is expanding its endo-surgery franchise. At Meril, we strive to create and develop products through innovative thinking, cutting edge technologies and collaboration with medical professionals and healthcare organizations, with an aim to identify clinical needs and translate them into market-leading solutions.

Meril's vision is to become a 'one-stop' solution for surgeons by providing them with an extensive product portfolio comprising absorbable & non-absorbable surgical sutures, tissue sealants, hemostats, hernia repair meshes, intra uterine devices, energy devices and mechanical closure devices.

Meril

Endo-Surgery

Staplers

MIRUS™ - The Symbol of Excellence

Technological advances across numerous scientific disciplines have produced unique surgical devices and instruments that are used during a surgery. Both, the ongoing introduction of new devices and the continuing technical improvements in existing devices are changing the ways surgeons perform traditional tasks and enable them to develop new surgical techniques with the goal of improving patient outcomes.

The surgical stapler is an example of a device that has evolved through the ongoing innovation and is currently being used in several surgical procedures.

The stapling technique was pioneered by the Hungarian surgeon, Humor Hultl, known as the "Father of Surgical Stapling".

From Hultl's prototype to today's surgical stapling concept, there have been revolutionary changes and Meril's surgical stapling range is aligned with these developments to provide excellent patient outcomes with accurate device function.

MIRUS™ reflects the symbol of excellence and motivates us to give additional features leading to superior patient outcomes. With advanced computer aided designing, ultra-modern manufacturing facility, trained manpower, good quality control, MIRUS™ stapling products are able to deliver optimal tissue compression, accurate B-shape formation and leak proof anastomoses. With the help of advanced development process, MIRUS™ surgical stapling portfolio will continue to add features and benefits to make it a symbol of excellence.

MIRUS™ Circular Stapler

The MIRUS™ Circular Stapler exemplifies the Meril commitment to the improvement in offering superior products. The Circular Stapler design reflects three decades of experience drawn from leading Bariatric, Colorectal and General surgeons across the globe. With consolidating exclusive technology, 4.5mm staples, and other unique features, the MIRUS™ Circular Stapler gives phenomenal clinical performance, usability and adaptability.

Our intraluminal stapler has a Tissue Compression Indicator, which measures compressed tissue thickness at particular positions inside a window scale. When in association with tissue, these staplers furnish an essential layering for a perfect anastomosis. Throughout booting, the regulated tissue layering and automatic adjustable height staples offer uniform staple arrangement.

The MIRUS ™ Circular Staplers are available in following sizes:

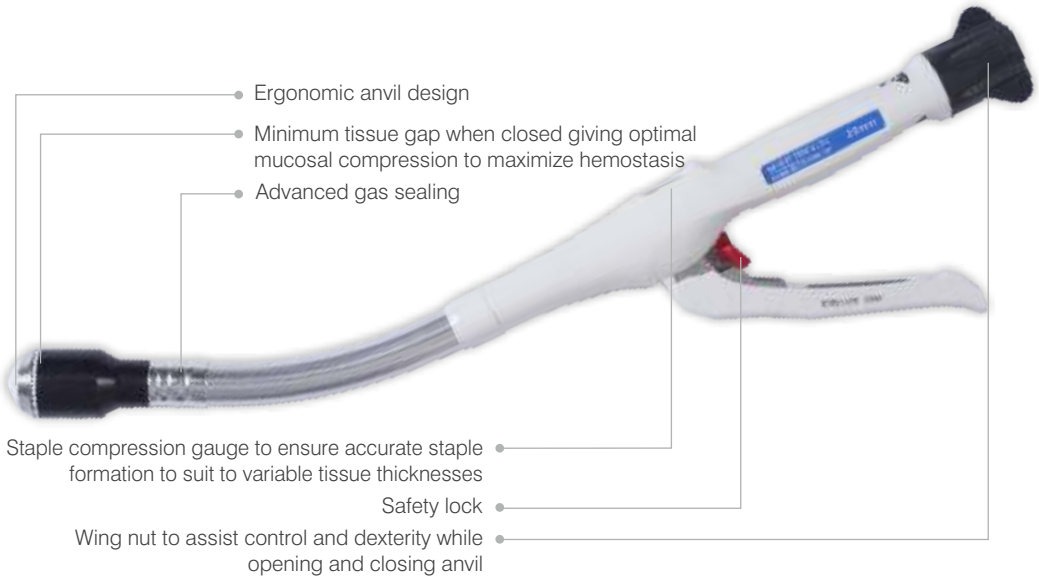
II Rows - 19mm, 21mm, 24mm, 25mm, 26mm, 29mm, 32mm

III Rows - 21mm, 24mm, 25mm, 26mm, 29mm, 31mm, 32mm

2 Rows line for better and secure hemostasis

Stainless steel anvil shaft with longer purse tying area

Also available in **3 Rows** for superior hemostasis



Stapler	Description	Open length	Close length	Cutting Diameter	Head Diameter	Rows of staples	Staple Quantity
MCS-21R3	Mirus Disp. Circular Stapler 3Row 21	4.5 mm	1.0-2.5 mm	12	21	3	21
MCS-24R3	Mirus Disp. Circular Stapler 3Row 24	4.5 mm	1.0-2.5 mm	15	24	3	24
MCS-25R3	Mirus Disp. Circular Stapler 3Row 25	4.5 mm	1.0-2.5 mm	16	25	3	27
MCS-26R3	Mirus Disp. Circular Stapler 3Row 26	4.5 mm	1.0-2.5 mm	17	26	3	33
MCS-29R3	Mirus Disp. Circular Stapler 3Row 29	4.5 mm	1.0-2.5 mm	20	29	3	36
MCS-31R3	Mirus Disp. Circular Stapler 3Row 31	4.5 mm	1.0-2.5 mm	21	31	3	36
MCS-32R3	Mirus Disp. Circular Stapler 3Row 32	4.5 mm	1.0-2.5 mm	22	32	3	42
MCS-19	Mirus Disp. Circular Stapler 19	4.5 mm	1.0-2.5 mm	12	19	2	16
MCS-21	Mirus Disp. Circular Stapler 21	4.5 mm	1.0-2.5 mm	13	21	2	16
MCS-24	Mirus Disp. Circular Stapler 24	4.5 mm	1.0-2.5 mm	15	24	2	18
MCS-25	Mirus Disp. Circular Stapler 25	4.5 mm	1.0-2.5 mm	16	25	2	20
MCS-26	Mirus Disp. Circular Stapler 26	4.5 mm	1.0-2.5 mm	17	26	2	20
MCS-29	Mirus Disp. Circular Stapler 29	4.5 mm	1.0-2.5 mm	20	29	2	24
MCS-32	Mirus Disp. Circular Stapler 32	4.5 mm	1.0-2.5 mm	22	32	2	26

MIRUS™ Hemorrhoids Stapler

PPH is abbreviated for Procedure for Prolapse and Hemorrhoids, PPH has a point of interest over traditional procedures because the methodology is performed above the dentate line inside the anal canal, influencing fewer nerve endings. The MIRUS™ Hemorrhoids Stapler mechanism furnishes two staggered rows of titanium staples in 32mm & 34mm diameter size connected in the anal canal for transection and resection of the inward tissue.

The accompanying accessories comprise an access port, anoscope and dilator. The anoscope is designed to aid purse string suture application above the dentate line. It consists of an aide and markings to help in taking a circumferential purse string suture at a predictable placement inside the rectum.

The MIRUS ™ Hemorrhoids staplers are available in following sizes:

II Rows - 32mm and 34mm
III Rows - 34mm and 36mm

Circumferentially mounted blade assembly pushing razor sharp steel cutting blade, plus rounded edges to internal housing

Stainless steel anvil shaft maximizes stability during firing and clamping

NEW!

Also available in
3 Rows for superior hemostasis

Wing nut to assist control and dexterity while opening and closing anvil

Staple compression gauge to ensure accurate staple formation to suit to variable tissue thicknesses

Safety lock

High volume housing

Suture conduits allow better access and additional option for tissue manipulation

Stapler	Description	Open leg length	Close leg length	Knief Diameter	Number of Staples	Rows of staples
MPPH34R3	Mirus Disp. PPH 3Row 34	3.5 mm	0.75 - 1.5 mm	23	48	3
MPPH36R3	Mirus Disp.PPH 3Row 36	3.5 mm	0.75 - 1.5 mm	24.8	48	3
MPPH32	Mirus Disp. PPH 32	3.5 mm	0.75 - 1.5 mm	24.1	32	2
MPPH34	Mirus Disp. PPH 34	3.5 mm	0.75 - 1.5 mm	25.6	32	2

MIRUS™ Linear Stapler (Auto)

The device gives two staggered rows of titanium staples in 30mm, 45mm, 60mm and 90mm sizes. The MIRUS™ Reloadable Linear Stapler and reloads are available in lengths 30mm, 45mm, 60mm and 90mm with two different sizes of staples to accommodate various tissue thicknesses.

The MIRUS ™ Reloadable Linear Stapler is:

Dependable: Parallel jaw closure furnishes unvarying staple arrangement

Easy to use: One-hand operation (close, fire, release)

Easy to place: Adjustable intermediate locking position

Versatile: Two diverse reloads to cater to a variety of tissue thicknesses

(Without Dial)

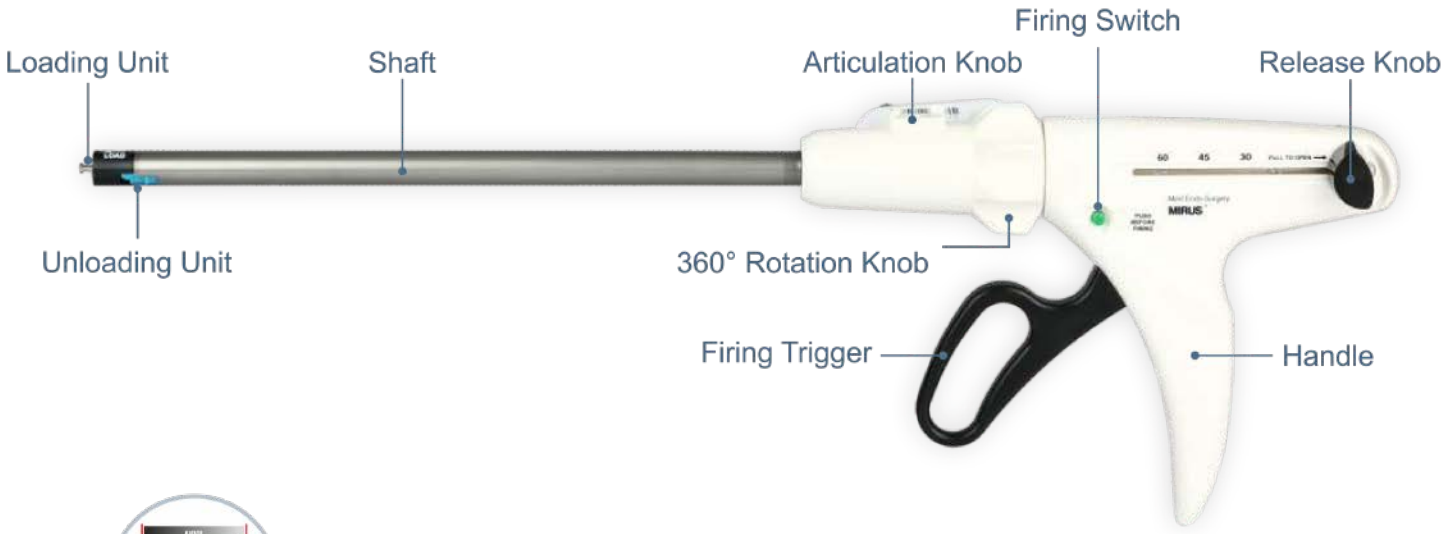
Stapler	Description	Reloads	Open length	Close length	Color	Number of firings	Number of staples	Rows of staples
MALS30	Mirus Auto Linear Stapler 30	MLSR30-3.5	3.5 mm	1.5	Blue	8	11	2
		MLSR30-4.8	4.8 mm	2	Green	8	11	2
MALS45	Mirus Auto Linear Stapler 45	MLSR45-3.5	3.5 mm	1.5	Blue	8	15	2
		MLSR45-4.8	4.8 mm	2	Green	8	15	2
MALS60	Mirus Auto Linear Stapler 60	MLSR60-3.5	3.5 mm	1.5	Blue	8	21	2
		MLSR60-4.8	4.8 mm	2	Green	8	21	2
MALS90	Mirus Auto Linear Stapler 90	MLSR90-3.5	3.5 mm	1.5	Blue	8	33	2
		MLSR90-4.8	4.8 mm	2	Green	8	33	2

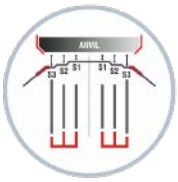
MIRUS™ Endocutter

Tissue thickness varies across the body, thus the cartridge selection process with an adequate compression has been a critical need for the surgeons performing abdominal & thoracic surgeries.

Introducing **MIRUS**™ Endoscopic Linear Cutter and Reloads with distinctive reload technology which offers varied staple heights to accommodate different tissue thicknesses with adequate compression, minimal tissue tension & optimum perfusion.

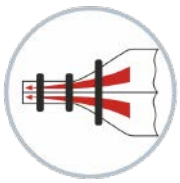
MIRUS™ Endoscopic Linear Cutter is a universal gun that can be loaded with both 45mm & 60mm reloads. It offers an ergonomic design with precision in jaw articulation & consistent staple line formation for leak proof anastomosis.





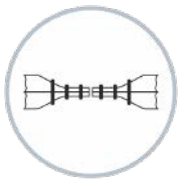
Varied Staple Height

Proximally Controlled Articulation



Optimum Perfusion

New Knife with Every Reload



Optimal Compression & Reduced Lateral Stress

Product Code	Description	Shaft Length
MEC065	MIRUS Endoscopic Linear Cutter - Short	65mm
MEC160	MIRUS Endoscopic Linear Cutter - Medium	160mm
MEC255	MIRUS Endoscopic Linear Cutter - Long	255mm

Code	Trio Reload	Description	Open Staple Height (mm) Inner to Outer
MECRW45	White	Vascular Reload, 45mm	2.6, 2.6, 3.0
MECRP45	Purple	Medium Thick Reload, 45mm	3.5, 3.5, 4.0
MECRW60	White	Vascular Reload, 60mm	2.6, 2.6, 3.0
MECRP60	Purple	Medium Thick Reload, 60mm	3.5, 3.5, 4.0
MECRB60	Black	Extra Thick Reload, 60mm	4.5, 4.5, 4.8

MIRUS™ Linear Cutter

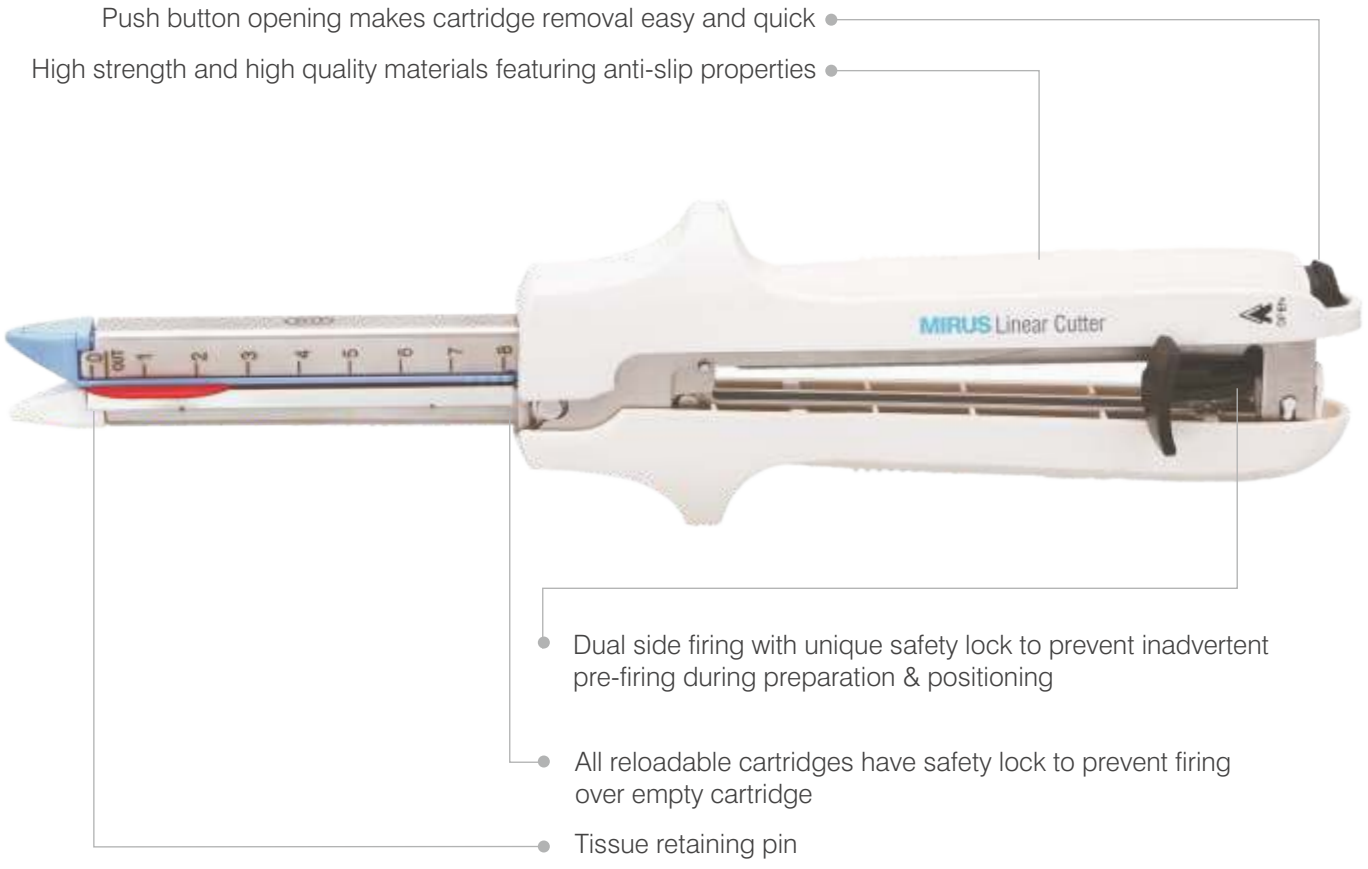
The MIRUS™ 60, 80 and 100 Reloadable Linear Cutters render two double staggered rows of titanium staples and simultaneously cut and separate tissues between the two double rows. The MIRUS™ Reloadable Linear Cutter and reloads are available in lengths 60mm, 80mm and 100mm with two different sizes of staples to accommodate various tissue thicknesses.

The MIRUS ™ Linear Cutter is:

Reliable: A kind of mechanism for predictable staple formation. Safety lockout characteristic forestalls firing of unloaded device

Flexible: Two diverse reloads for different types of tissue thicknesses

Easy to use: One-hand position; moderate locking position takes into account repositioning of tissue



Stapler	Description	Reloads	Open length	Close length	Color	Number of firings	Number of Staples	Rows of staples	staples Line Length	Cut Length
MLC60	Mirus Disp. Linear Cutter 60	MLCR60-3.8 MLCR60-4.8	3.8 mm 4.8 mm	1.5 mm 2.0 mm	Blue Green	8	64	4	64 mm	60 mm
MLC80	Mirus Disp. Linear Cutter 80	MLCR80-3.8 MLCR80-4.8	3.8 mm 4.8 mm	1.5 mm 2.0 mm	Blue Green	8	84	4	84 mm	80 mm
MLC100	Mirus Disp. Linear Cutter 100	MLCR100-3.8 MLCR100-4.8	3.8 mm 4.8 mm	1.5 mm 2.0 mm	Blue Green	8	104	4	104 mm	100 mm

MIRUS™ Skin Stapler

Outstanding performance across wider skin wounds

Skin staplers are typically used at the end of a surgical procedure for routine wound closure. The staples are then removed with staple extractor after the skin has had an opportunity to heal.

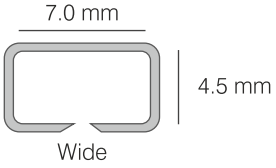
The MIRUS™ Skin Stapler's handle design is characterized by good texture for an user friendly experience.

The angled head provides a clear view to ensure precise staple placement and allows the pins to staple the tissue easily.

Staple material	:	316L Stainless Steel
Sterilization	:	Ethylene Oxide
Packaging	:	8 pcs/Box
Code	:	MSS35
Size	:	35
Staples	:	Regular

Skin Staple Remover
0-0606

Staple Dimension:



Larger diameter wire, greater width, and extra staple height leads to a secure wound closure

Stapler	Skin Stapler
Procedure Application	Wound closure

IDG Medica shares a strong commitment to professionalism and reliable supply of medical devices.

We are patient outcome driven, with a responsive, friendly team having years of experience in the healthcare sector.

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