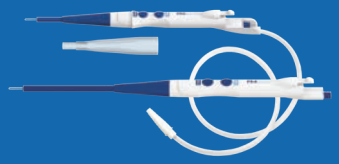
FMX™ Ferromagnetic Surgical System

The **FMX Generator** intelligently delivers electrical energy to the surgical instruments. The advanced generator features a patented software control algorithm that continuously monitors and adjusts the delivery of energy, ensuring that the optimal amount of heat is delivered to the tissue at all times.

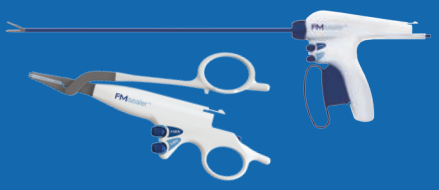
FMwand®

FMwand is a thermal dissection instrument that precisely cuts and coagulates with less tissue injury compared to traditional technologies, without passing electrical current through the patient.



FMsealer™

FMsealer reliably seals and transects vessels and vascular tissue bundles with a pure thermal effect. FMsealer is indicated for sealing lymphatics and vessels up to 7mm in diameter in both open and laparoscopic procedures.



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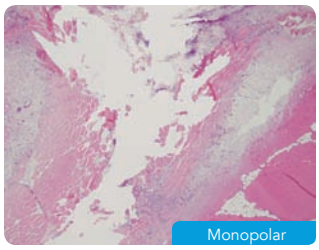
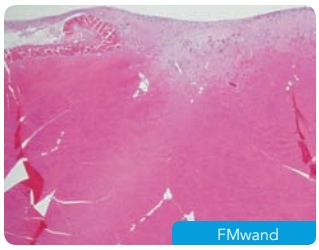
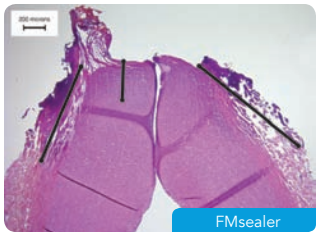




After a 14 day healing study, the incision made with the FMwand (right) exhibited evidence of markedly superior healing compared to the incision made with monopolar electrosurgery (left).[6]



Histologic analysis of comparative seals using a Harmonic Focus (upper right) and FMsealer Open Shears (lower right) in porcine arteries. Black lines indicate measurements of thermal damage.[7,8]

KEY CLINICAL ADVANTAGES OF THE FMWAND

- Less lateral thermal damage compared to standard monopolar electrocautery.[1,2]
- Faster healing than both cold scalpel and electrocautery.[2]
- Significantly less phrenic nerve injury.[3]
- Less bleeding and decreased need for re-exploration for bleeding.[4]
- Can be used on patients with pacemakers, cochlear implants or other implanted electronic devices with no interference or damage.[5]

KEY CLINICAL ADVANTAGES OF THE FMSEALER

- Vessel sealing reliability comparable to or better than industry-leading bipolar devices, and superior to ultrasonic devices.[6,7,8]
- Burst pressure measurements comparable to or better than bipolar and ultrasonic devices.[6,7,8]
- Less thermal injury than competitive devices.[6,7,8]
- Faster transection sealing and dividing cycles than competitive devices.[6,7,8]
- No stray electrical current, no risk of capacitive coupling, safe to use near metal staples and clips
- Dual activation modes let surgeon toggle between quick, hemostatic transection and slower, reliable large vessel sealing.

ORDERING INFORMATION

CODE	DESCRIPTION	UNITS/BOX
FMG1	FMX G1 Generator and power cable	1
FMRPM	FMX Reusable Power Module (blue cable - required for use with all FMX surgical instruments)	1
FMDPM	FMX Disposable Power Module (white cable - required for use with all FMX surgical instruments)	5
FM21xx	FMwand Handpiece - 100 mm length, various loop shapes are available	5
FM21xxS	FMwand Handpiece with Integrated Smoke Evacuation - 100 mm length, various loop shapes are available	5
FM23xx	FMwand Handpiece - 150 mm length, various loop shapes are available	5
FM23xxS	FMwand Handpiece with Integrated Smoke Evacuation - 150 mm length, various loop shapes are available	5
FM3001	FMsealer Open Shears	5
FM4001	FMsealer Laparoscopic Shears	5

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8. Internal data on file.

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