



ENERTECH

Vessel Sealing Systems

Fast Seal Plus

Enertech's vessel sealing systems give you something no other electro surgical tool can - permanent vessels occlusion. This revolutionary technology replaces almost all other hemostatic tools because it doesn't just ligate vessels, it actually fuses vessel walls to create a permanent seal.



Fast Seal Plus

Across the range, Enertech Vessel Sealing technology delivers a unique combination of pressure and energy to create a consistent seal with each application :-

- Shorter operating time - save almost upto 75% operating time.
- Permanently fuses vessels upto and including 7 mm diameter and tissue bundles without dessication or isolation.
- Faster and safer patient recovery.
- Seals withstand 3 times normal systolic blood pressure.
- Uses bodies own collagen, no requirement to insert foreign material into patient body which can cause complications.
- Feedback controlled response system automatically discontinues energy delivery when the seal is complete, eliminating the guess work.

Each of the devices comprises with high power and low voltage bipolar mode and specialist instruments that combine tissue compression with tissue heating to produce hemostasis in veins or a bundle of tissue.

The Product is delivered through a variety of Instruments for use in both Laparoscopic and open procedures in a range of surgical specialties, including gynecological, colorectal, urology and general surgery.



Performance Features :-

- No under sealing - Sealing stops only after complete fusion
- Actual measurement of Tissue Impedance for perfect seal
- Fast fusion cycles and more fusion zones.
- Less or no dessication compared to most other brands.
- Standard sockets - Allows surgeons to connect vast variety of accessories.

Technical Specification

Monopolar Mode :

Cut

Mode	Max. Power Watt	Operating Frequency
Pure cut	400 W	480 khz
Blend 1	250 W	480 khz
Blend 2	200 W	480 khz
Endocut	99 W	480 khz

Coag

Mode	Max. Power Watt	Operating Frequency
Spray	120 W	480 khz
Fulgurate	150 W	480 khz
Dessicate	150 W	480 khz

Bipolar Mode :

Mode	Max. Power Watt	Operating Frequency
Bi-Coag	120 W	480 khz
Bi-Cut	120 W	480 khz

Sealer Mode :

Mode	Max. Power Watt	Operating Frequency
Seal	150 W	480 khz



Technical Specification

Programs	:	99 Programs Memory.
Display	:	Graphical LCD Display.
Dimension (W x H x D)	:	300 mm x 150 mm x 340 mm.
Weight	:	5.5 Kg.
Manufactured and tested	:	IEC 601-1 / EN 60601-1 acc. to std.
Input Supply Voltage	:	230 VAC + 15% @ 50/60 Hz (110 V optional)

Standard Accessories

Monopolar Double Pedal Footswitch
/ Bipolar & Seal Double Pedal Footswitch



Patient Plate With Cable Cord
Autoclavable



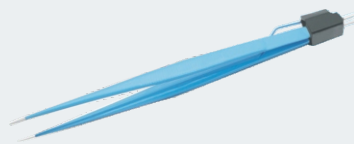
Silicon Patient Plate (Optional)



Chuk Handle With Electrode
Autoclavable



Bipolar Forcep Autoclavable
With Cable

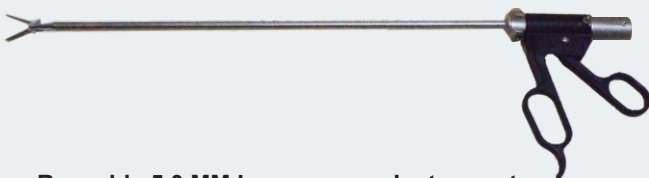


Disposable Hand Switch Pencil
Imported

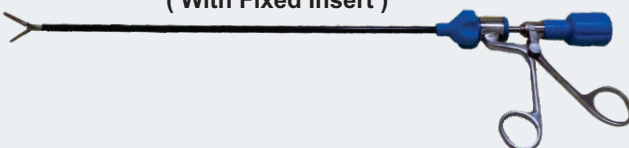


Sealer Accessories :-

Reusable 5.5 MM Laparoscopy Instrument
(With Changable Insert)



Reusable 5.0 MM Laparoscopy Instrument
(With Fixed Insert)



Reusable Biclamp for Open Surgery





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