



INCISION<sup>®</sup>  
INSTRUMENT

*“The House Of Surgical Instruments”*

 **ENERTECH**

## Vessel Sealing Systems

### Bisealer

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.



Bisealer

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.

## Technical Specification

### Monopolar Mode :

Mode	Max. Power Watt	Max. Short Circuit Current	Peak to Peak Voltage	Operating Frequency	Crest Factor
Soft	150	4.4 Amps	560 (280)	480 khz	1.5
Force	150	4.4 Amps	700 (350)	480 khz	1.5

### Bipolar Mode :

Mode	Max. Power Watt	Max. Short Circuit Current	Peak to Peak Voltage	Operating Frequency	Crest Factor
Macro	120	2.2 Amps	560 (280)	480 khz	1.5
Micro	80	2.2 Amps	480 (240)	480 khz	1.5
Force	120	2.2 Amps	620 (310)	480 khz	1.5

## Technical Specification

Display	: 7 segment LED Digital.
Dimension ( W x H x D )	: 290 mm x 110 mm x 300 mm.
Weight	: 3 Kg.
Keyboard	: Feather Touch.
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

Double Pedal Footswitch for Bipolar & Seal



Bipolar Forcep Autoclavable With Cable





## Sealer Accessories :-

Reusable 5.5 MM Laparoscopy Instrument  
( With Changeble Insert )



Reusable Biclamp for Open Surgery



Reusable 5.0 MM Laparoscopy Instrument  
(With Fixed Insert)



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## Bisealer

SEAL

Macro - 150  
Micro - 150

BIPOLAR

Macro - 120  
Micro - 80  
Bi-Cut - 120

Bipolar Output

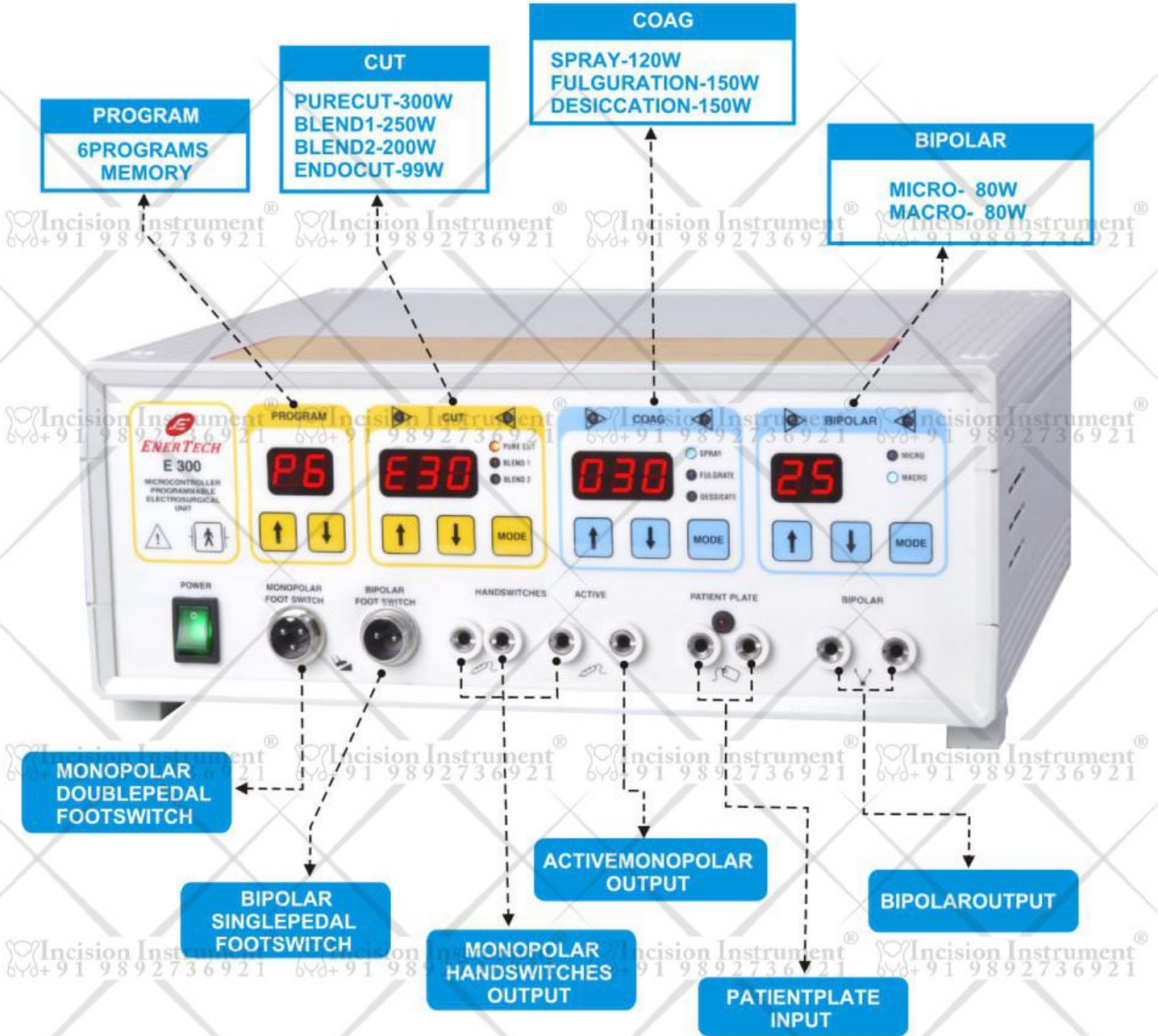
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Seal Output



# E300



## Technical Specification

	Max.Power(Watts)	RatedLoad(Ohms)
OperatingFrequency	480Khz	-
No.ofProgram	6	-
Display	7SegmentDigital	-
PureCut	300W	500
Blend1	250W	500
Blend2	200W	500
Endocut	99W	500
Spray	120W	500
Fulguration	150W	500
Desiccation/Soft	150W	500
BipolarCoagulationMicro	80W	100
BipolarCoagulationMacro	80W	100
Dimension(WxHxD)	@4.5"x10"x12"	
Weight	3.8Kg	
InputVoltage	170to260VAC50Hz	

## Standard Accessories



**Disposable Hand  
Switch Pencil**



**Bipolar  
Forcep Autoclavable**



**Stainless Patient Plate**



**Chuck Handle with  
Electrodes Autoclavable**



**Bipolar Single  
Pedal Footswitch**



**Monopolar Double  
Pedal Footswitch**



# ELECTROSURGICAL GENERATORS

## E300

E-300 is micro controller based model with 6 programs, best price performance ratio in similar class of generators offered by other manufacturers and can be widely used in procedures including Urology, GI, Gynecologic, Orthopedic, Thoracic and Plastic Surgery.



E300

### Important Features:-

- ❑ **RealTimeTissueResponseTechnology:-** RealTimeTissueResponsetechnologyprovides surgeonswithsuperiorperformance atLower powersettings,minimizingtheriskoftissuedamageandneuromuscularstimulation.
- ❑ **PatientPlateReturnElectrodeMonitoringsystem:-** Patient Plate Return Electrode Monitoring system provides instant indication of the quality ofcontactofthepatientplatereturnelectrode.Failureorpoorcontactresultsinfaultindicationwith soundalarmwhichsubstantiallyreducestheriskofburnsunderthepatientreturnelectrode.
- ❑ **Highpowerefficiencyof 97% :-** ThepowerefficiencyofEnertechgeneratorsarethehighestinit'sclassat97%.Thisleadsto multiple benefits like increased reliability, most compact size, high portability, economy and reducedpowerconsumption.



## ELECTROSURGICAL GENERATORS

### E400Plus

E 400 Plus is micro controller based model with all the required features. Full power output and low cost. This is the right model for the customers who required basic 400 W micro controller based model.



E400 Plus

### Important Features:-

- ❑ **RealTimeTissueResponseTechnology:-**  
RealTimeTissueResponsetechnologyprovides surgeonswithsuperiorperformance atLower powersettings,minimizingtheriskoftissuedamageandneuromuscularstimulation.
- ❑ **PatientPlateReturnElectrodeMonitoringsystem:-**  
Patient Plate Return Electrode Monitoring system provides instant indication of the quality ofcontactofthepatientplatereturnelectrode.Failureorpoorcontactresultsinfaultindicationwith soundalarmwhichsubstantiallyreducestheriskofburnsunderthepatientreturnelectrode.
- ❑ **Highpowerefficiencyof 97% :-**  
ThepowerefficiencyofEnertechgeneratorsarethehighestinit'sclassat97%.Thisleadsto multiple benefits like increased reliability, most compact size, high portability, economy and reducedpowerconsumption.

## Technical Specification

	Max.Power(Watts)	RatedLoad(Ohms)
OperatingFrequency	480Khz	-
No.ofProgram	-NA	-
Display	7SegmentDigital	-
PureCut	400W	500
Blend1	250W	500
Blend2	200W	500
Endocut	99W	500
Spray	120W	500
Fulguration	150W	500
Desiccation/Soft	150W	500
BipolarCoagulationMicro	80W	100
BipolarCoagulationMacro	80W	100
BipolarCut	99W	100
Dimension(WxHxD)	@4.5"x10"x12"	
Weight	3.8Kg	
InputVoltage	170to260VAC50Hz	

## Standard Accessories



**Disposable Hand  
Switch Pencil**



**Bipolar  
Forcep Autoclavable**



**Stainless Patient Plate**



**Chuck Handle with  
Electrodes Autoclavable**



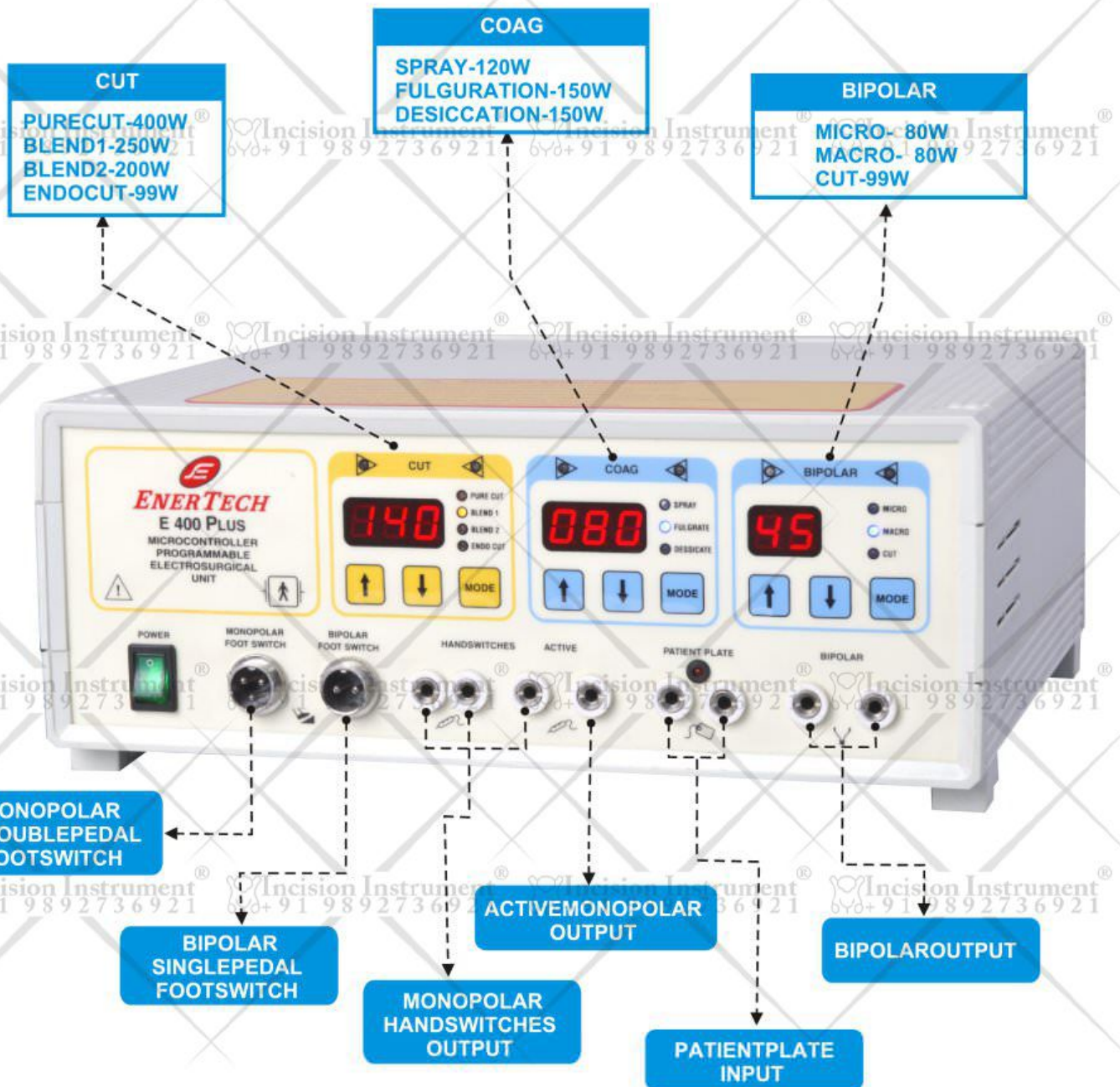
**Bipolar Single  
Pedal Footswitch**



**Monopolar Double  
Pedal Footswitch**



# E400Plus

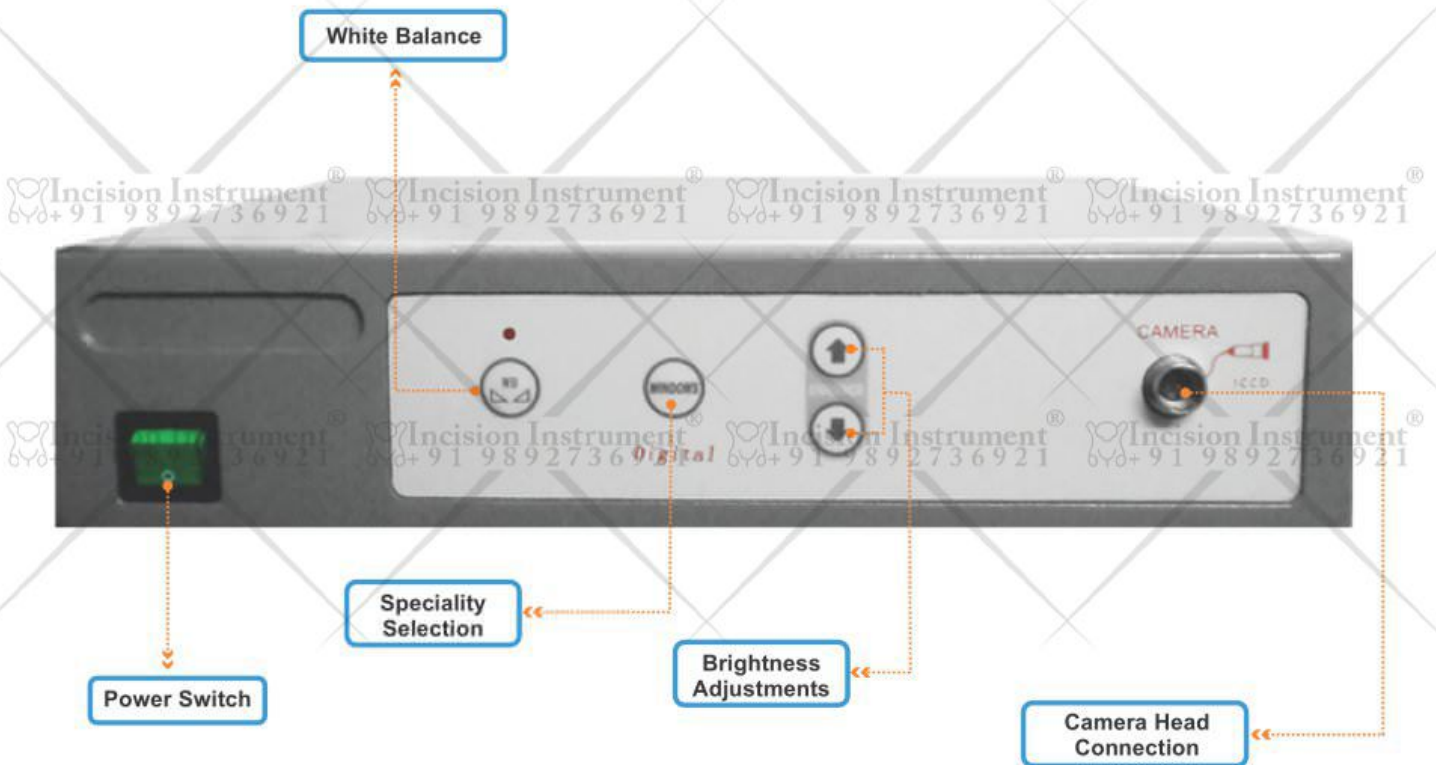




## Technical Specification

Model	EMCAM
Camera Head	1/3" 1 Chip.
Resolution	PAL
Scanning Standard	480 Lines.
Outputs	BNC
SNR	60dB
Shutter	Automatic
White Balance	Automatic / Manual.

## EMCAM



## Endoscopy Cameras

### EMCAM

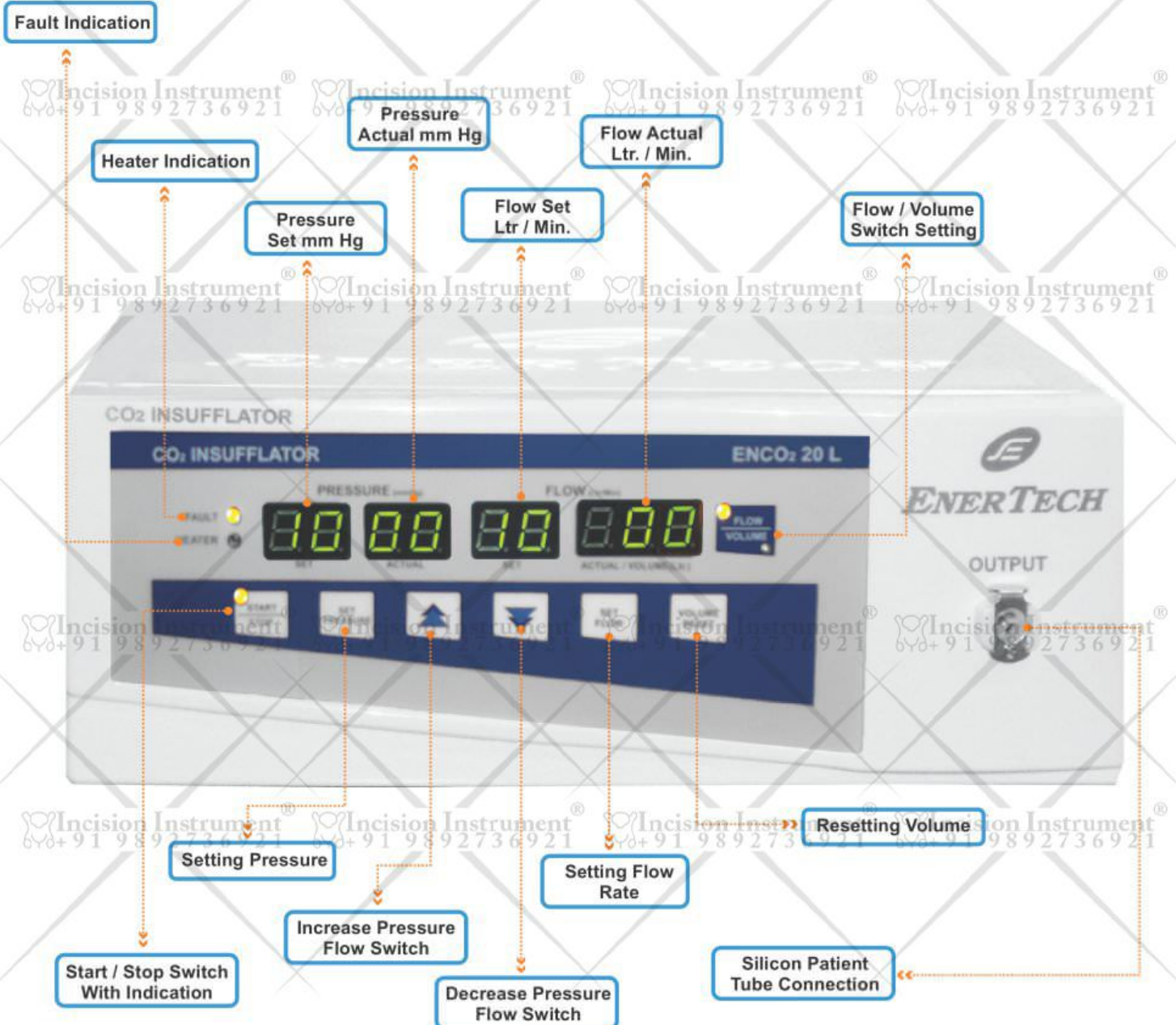


EMCAM

### Performance Features :-

- Completely medical degree design, soaked in a liquid to sterilize.
- Camera head has 2.5m Over Length cable for easy operation.
- Support hand-actuated, automatic white balance.
- Excellent optics adaptor ,breathable, water leakage, remove mist, rotate.
- Adjusting window size to adapt to different thickness of the Endosope.
- Cheap, cost-effective.
- Cater to the sophisticated needs.
- Brightness adjustment.

# ENCO<sub>2</sub> 20L





## Technical Specification

Model	ENCO <sub>2</sub> 20L
Insufflation Pressure	4 - 30 mm Hg.
Dimension ( W x H x D )	290 mm x 110 mm x 300 mm.
Weight	3.5 Kg.
Gas	CO <sub>2</sub> ( Medical )
Gas Connection	UNF 7/16"
Power Consumption	15 Watts Maximum
Input Pressure Minimum	3 bar
Input Pressure Maximum	10 Bar
Output Connection	4 to 5mm ID Tube
Flow Rate Setting Keyboard	1 to 20 ltr/min Feather Touch
Gas Warmer	Builtin
Manufactured and tested	IEC 601-1 / EN 60601-1
Input Supply Voltage	230 VAC + 15 % @ 50/60 Hz (110 V Optional)

## Standard Accessories

- ▶ Silicon Patient Tube with Connector
- ▶ Inlet Pressure Regulator
- ▶ High Pressure Inlet Tube
- ▶ Spanner

## CO<sub>2</sub> Insufflators

### ENCO<sub>2</sub> 20L

#### High Performance COST EFFECTIVE Technology

#### Micro controller based, Feather Touch, Digital System

The Enertech CO<sub>2</sub> Insufflators are next generation newly designed line CO<sub>2</sub> Insufflators with outstanding technical features. These units are controlled by microprocessor of the latest generation. Stable pressure balance in the abdomen is guaranteed by high flow performance with progressive and low insufflation pressure.



### ENCO<sub>2</sub> 20L

#### Performance Features :-

➤ **Advance FLOW Control :**

The Enertech CO<sub>2</sub> Insufflators stands for AFC ( Advance Flow Control Insufflations ) for precise and safe gas flow control.

➤ **Software :**

It's "intelligent" software controlled pressure release mechanism prevents dangerous pressure build up in the abdomen when using such apparatus as laser or argon beamers.

➤ **Safety :**

Automatic self check, activated each time unit is switched on, make sure all electronic and pneumatic components are in good running order.

➤ **Inbuilt System Gas Heater :**

The unit comes with built in high efficiency gas heater. The gas heater is pre adjusted and works on plug and play basis fully automatically.

➤ **Real Time Data Display :**

LED 7 segment display for set pressure, actual pressure set volume, Gas Consumption volume, start stop LED and fault.



## CO<sub>2</sub> Insufflators

### ENCO<sub>2</sub> 20L With Air

#### High Performance COST EFFECTIVE Technology

#### Micro controller based, Feather Touch, Digital System

The Enertech CO<sub>2</sub> Insufflators are next generation newly designed line CO<sub>2</sub> Insufflators with outstanding technical features. These units are controlled by microprocessor of the latest generation. Stable pressure balance in the abdomen is guaranteed by high flow performance with progressive and low insufflation pressure.

#### Advantage of Using the Insufflator with Air Option :

In Emergency cases due to unavailability of CO<sub>2</sub> Cylinders, the air mode can be used to complete the surgery as it does not require any cylinder.



### ENCO<sub>2</sub> 20L With Air

#### Performance Features :-

##### ➤ Advance Flow Control :

The Enertech CO<sub>2</sub> Insufflators stands for AFC ( Advance Flow Control Insufflations ) for precise and safe gas flow control.

##### ➤ Software :

It's "intelligent" software controlled pressure release mechanism prevents dangerous pressure build up in the abdomen when using such apparatus as laser or argon beamers.

##### ➤ Safety :

Automatic self check, activated each time unit is switched on, make sure all electronic and pneumatic components are in good running order.



➤ **Inbuilt System Gas Heater :**

The unit comes with built in high efficiency gas heater. The gas heater is pre adjusted and works on plug and play basis fully automatically.

➤ **Real Time Data Display :**

LED 7 segment display for set pressure, actual pressure set volume, Gas Consumption volume, start stop LED and fault.

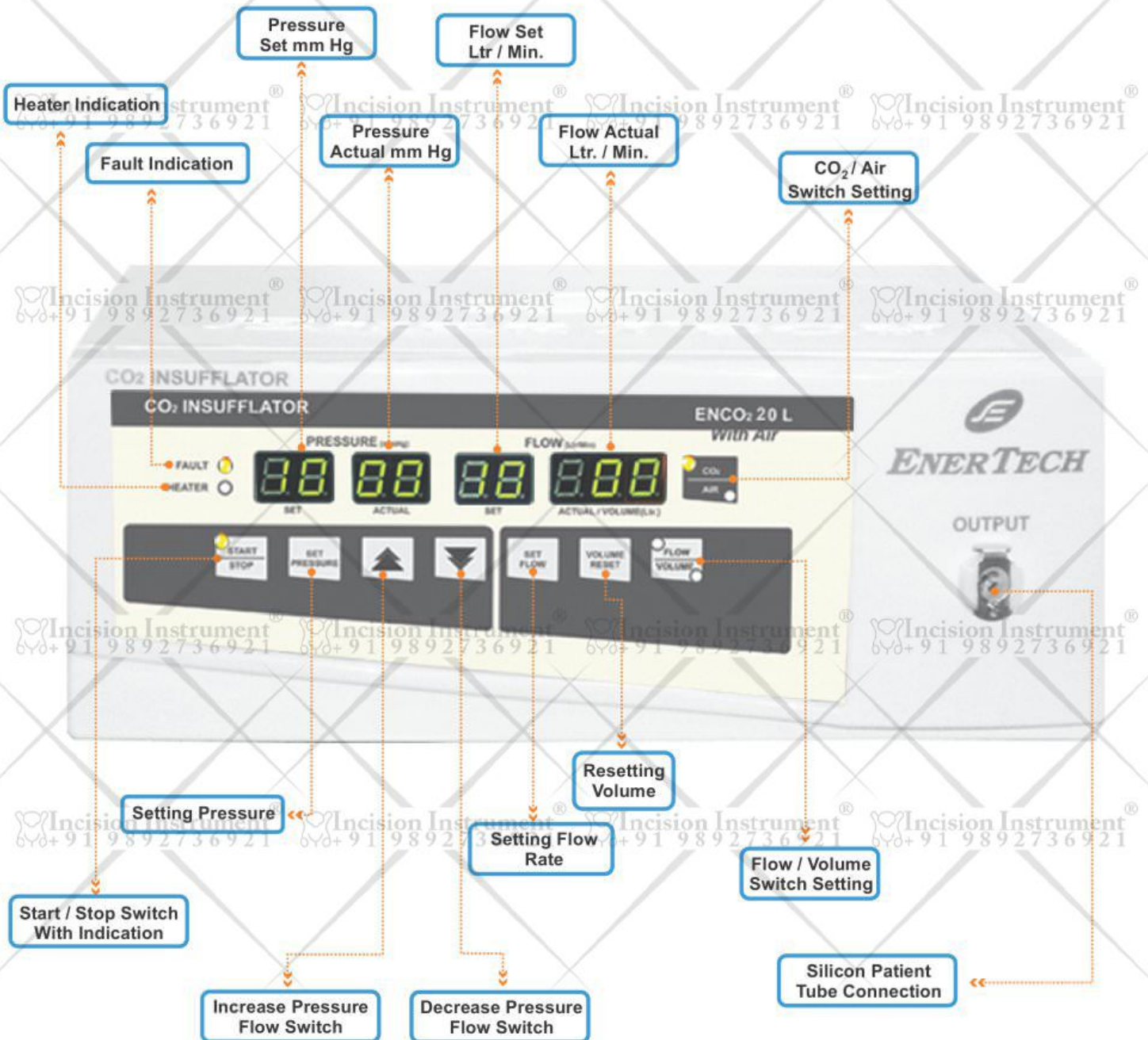
**Technical Specification**

Model	ENCO <sub>2</sub> 20L With Air
Insufflation Pressure	4 - 30 mm Hg.
Dimension ( W x H x D )	290 mm x 110 mm x 300 mm.
Weight	4 Kg.
Gas	CO <sub>2</sub> ( Medical ) + Air
Gas Connection	UNF 7/16"
Power Consumption	15 Watts Maximum
Input Pressure Minimum	3 bar
Input Pressure Maximum	10 Bar
Output Connection	4 to 5mm ID Tube
Flow Rate Setting	1 to 20 ltr/min
Keyboard Gas Warmer	Feather Touch <sup>®</sup> Builtin
Manufactured and tested	IEC 601-1 / EN 60601-1
Input Supply Voltage	230 VAC + 15 % @ 50/60 Hz (110 V Optional)

**Standard Accessories**

- Silicon Patient Tube with Connector
- Inlet Pressure Regulator
- High Pressure Inlet Tube
- Spanner

## ENCO<sub>2</sub> 20L With Air





## CO<sub>2</sub> Insufflators

### ENCO<sub>2</sub> 30L

#### High Performance COST EFFECTIVE Technology

#### Micro controller based, Feather Touch, Digital System

The Enertech CO<sub>2</sub> Insufflators are next generation newly designed line CO<sub>2</sub> Insufflators with outstanding technical features. These units are controlled by microprocessor of the latest generation. Stable pressure balance in the abdomen is guaranteed by high flow performance with progressive and low insufflation pressure.



### ENCO<sub>2</sub> 30L

#### Performance Features :-

##### ➤ Advance Flow Control :

The Enertech CO<sub>2</sub> Insufflators stands for AFC ( Advance Flow Control Insufflations ) for precise and safe gas flow control.

##### ➤ Software :

It's "intelligent" software controlled pressure release mechanism prevents dangerous pressure build up in the abdomen when using such apparatus as laser or argon beamers.

##### ➤ Safety :

Automatic self check, activated each time unit is switched on, make sure all electronic and pneumatic components are in good running order.

##### ➤ Inbuilt System Gas Heater :

The unit comes with built in high efficiency gas heater. The gas heater is pre adjusted and works on plug and play basis fully automatically.

##### ➤ Real Time Data Display :

LED 7 segment display for set pressure, actual pressure set volume, Gas Consumption volume, start stop LED and fault.

## Technical Specification

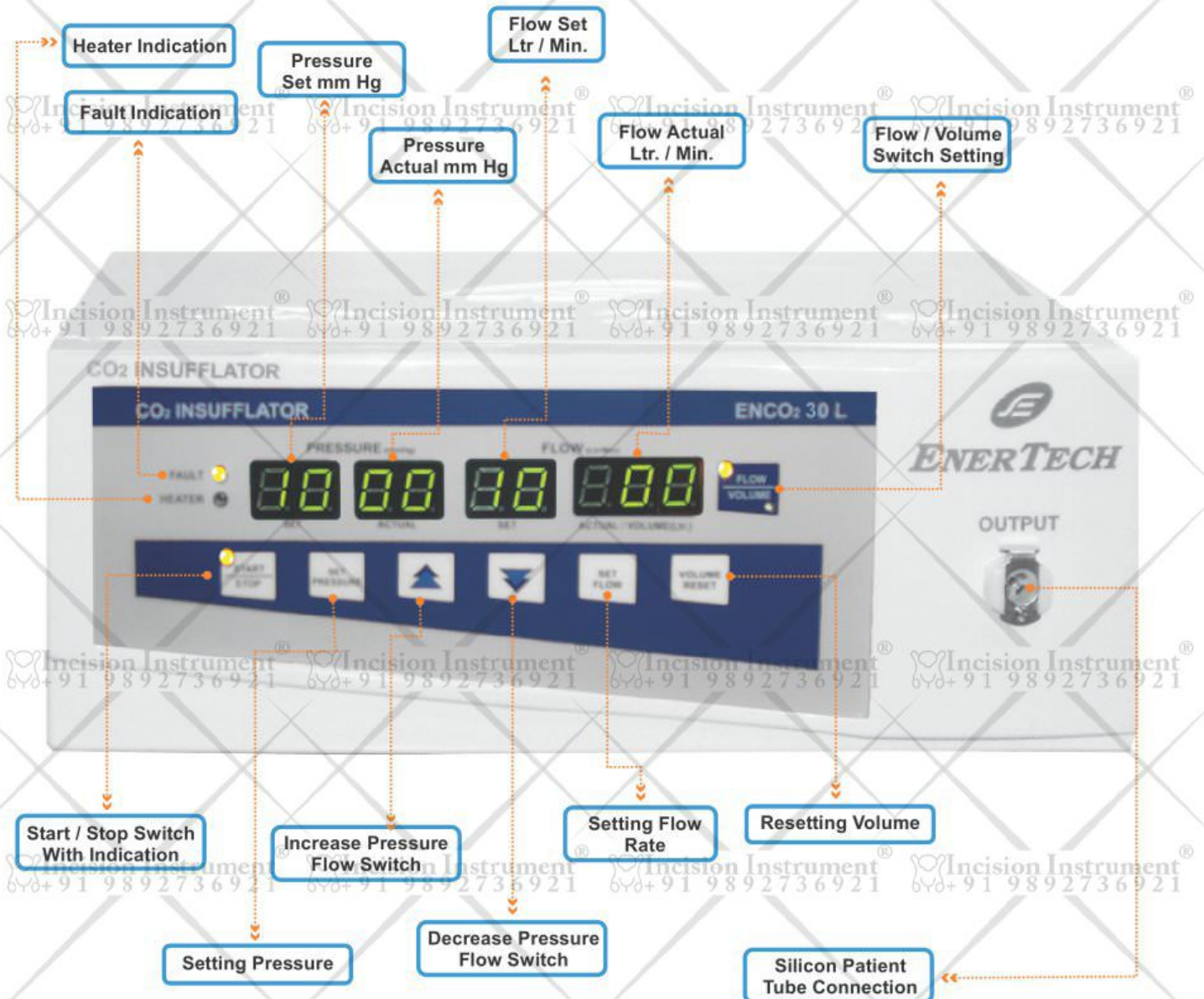
Model	ENCO <sub>2</sub> 30L
Insufflation Pressure	0 - 30 mm Hg.
Dimension ( W x H x D )	290 mm x 110 mm x 300 mm.
Weight	3.5 Kg.
Gas	CO <sub>2</sub> ( Medical )
Gas Connection	UNF 7/16"
Power Consumption	15 Watts Maximum
Input Pressure Minimum	1 bar
Input Pressure Maximum	10 Bar
Output Connection	4 to 5mm ID Tube
Flow Rate Setting Keyboard	1 to 30 ltr/min Feather Touch
Gas Warmer	Builtin
Manufactured and tested	IEC 601-1 / EN 60601-1
Input Supply Voltage	230 VAC + 15 % @ 50/60 Hz (110 V Optional)

## Standard Accessories

- ▶ Silicon Patient Tube with Connector
- ▶ Inlet Pressure Regulator
- ▶ High Pressure Inlet Tube
- ▶ Spanner



# ENCO<sub>2</sub> 30L



## CO<sub>2</sub> Insufflators

### ENCO<sub>2</sub> 30L With Air

#### High Performance COST EFFECTIVE Technology

#### Micro controller based, Feather Touch, Digital System

The Enertech CO<sub>2</sub> Insufflators are next generation newly designed line CO<sub>2</sub> Insufflators with outstanding technical features. These units are controlled by microprocessor of the latest generation. Stable pressure balance in the abdomen is guaranteed by high flow performance with progressive and low insufflation pressure.

#### Advantage of Using the Insufflator with Air Option :

In Emergency cases due to unavailability of CO<sub>2</sub> Cylinders, the air mode can be used to complete the surgery as it does not require any cylinder.



### ENCO<sub>2</sub> 30L With Air

#### Performance Features :-

##### ➤ Advance Flow Control :

The Enertech CO<sub>2</sub> Insufflators stands for AFC ( Advance Flow Control Insufflations ) for precise and safe gas flow control.

##### ➤ Software :

It's "intelligent" software controlled pressure release mechanism prevents dangerous pressure build up in the abdomen when using such apparatus as laser or argon beamers.

##### ➤ Safety :

Automatic self check, activated each time unit is switched on, make sure all electronic and pneumatic components are in good running order.



➤ **Inbuilt System Gas Heater :**

The unit comes with built in high efficiency gas heater. The gas heater is pre adjusted and works on plug and play basis fully automatically.

➤ **Real Time Data Display :**

LED 7 segment display for set pressure, actual pressure set volume, Gas Consumption volume, start stop LED and fault.

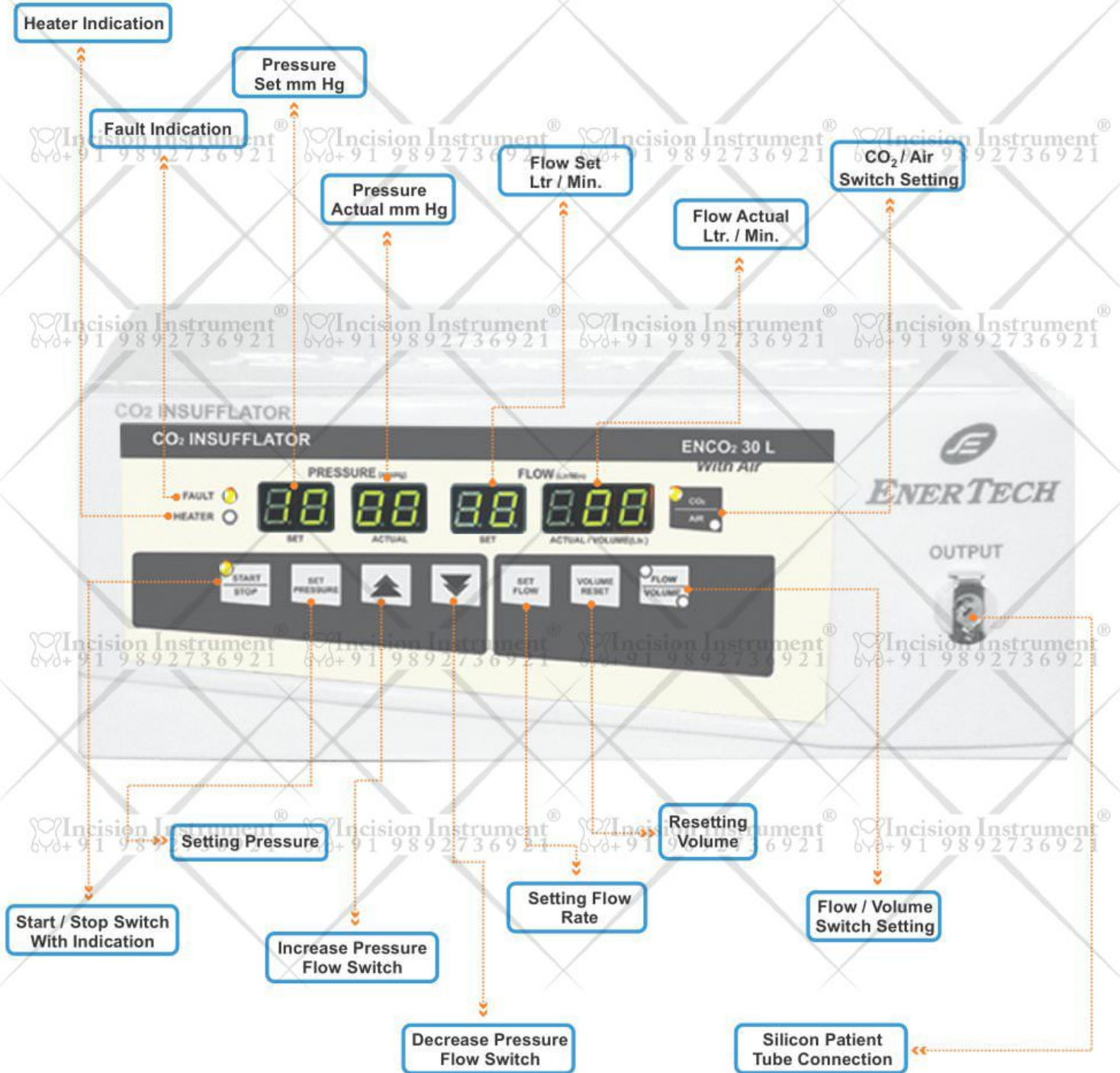
## Technical Specification

Model	ENCO <sub>2</sub> 30L With Air
Insufflation Pressure	0 - 30 mm Hg.
Dimension ( W x H x D )	290 mm x 110 mm x 300 mm.
Weight	4 Kg.
Gas	CO <sub>2</sub> ( Medical ) + Air
Gas Connection	UNF 7/16"
Power Consumption	15 Watts Maximum
Input Pressure Minimum	1 bar
Input Pressure Maximum	10 Bar
Output Connection	4 to 5 mm ID Tube
Flow Rate Setting	1 to 30 ltr/min
Keyboard Gas Warmer	Feather Touch <sup>®</sup> Builtin
Manufactured and tested	IEC 601-1 / EN 60601-1
Input Supply Voltage	230 VAC + 15 % @ 50/60 Hz (110 V Optional)

## Standard Accessories

- Silicon Patient Tube with Connector
- Inlet Pressure Regulator
- High Pressure Inlet Tube
- Spanner

## ENCO<sub>2</sub> 30L With Air





## Electro Surgical Generator

### Ensurg 300

Enertech providing it's widest range of high performance state of the art COST EFFECTIVE Electro Surgical Generators available today in the market. The machines come with Instant Tissue response technology and Tissue impedance measurement systems. These models offer top of the line features like 99 program modes, multiple blend modes, endo cut facility, best monopolar cutting and coagulation performance with precision controlled bipolar output and host of safety features with adherence to EC 60601 guidelines. The range also includes low cost analog models for price conscious customers.



### Ensurg 300

Ensurg 300 is micro controller based model with 6 programs, best price performance ratio in similar class of generators offered by other manufactures and can be widely used in procedures including urology, GI, Gynecologic, Orthopedic, Thoracic and Plastic Surgery.

### Performance Features :-

#### ➤ Real Time Tissue Response Technology :

Real Time Tissue Response Technology provides surgeons with superior performance at lower power settings, minimizing the risk of tissue damage and neuromuscular stimulation.

#### ➤ Patient Plate Return Electrode Monitoring System :

Patient Plate Return Electrode Monitoring System provides instant indication of the quality of contact of the patient plate return electrode. Failure or poor contact results in fault indication with sound alarm which substantially reduces the risk of burn under the patient return electrode.

#### ➤ High Power Efficiency of 97%

The power efficiency of Enertech generators are the highest in it's class 97%. This leads to multiple benefits like increased reliability, most compact size, high portability, economy and reduced power consumption.

## Technical Specification

	Max.Power(Watts)	RatedLoad(Ohms)
Operating Frequency	480 KHz	-
No. of Program	6	-
Display	7 Segment LED Digital	-
Pure Cut	300 W	500
Blend 1	250 W	500
Blend 2	200 W	500
Endocut	99 W	500
Spray	120 W	500
Fulguration	150 W	500
Desiccation / Soft	150 W	500
Bipolar Coagulation Micro	80 W	100
Bipolar Coagulation Macro	80 W	100
Dimension ( W x H x D )	300 mm x 150 mm x 340 mm	
Weight	5.5 Kg.	
Input Voltage	170 to 260 VAC 50 Hz	

## Standard Accessories

Monopolar Double Pedal Footswitch  
/ Bipolar Single Pedal Footswitch



Patient Plate With Cable Cord  
Autoclavable



Silicon Patient Plate ( Optional )



Chuk Handle With Electrode  
Autoclavable



Bipolar Forcep Autoclavable  
With Cable

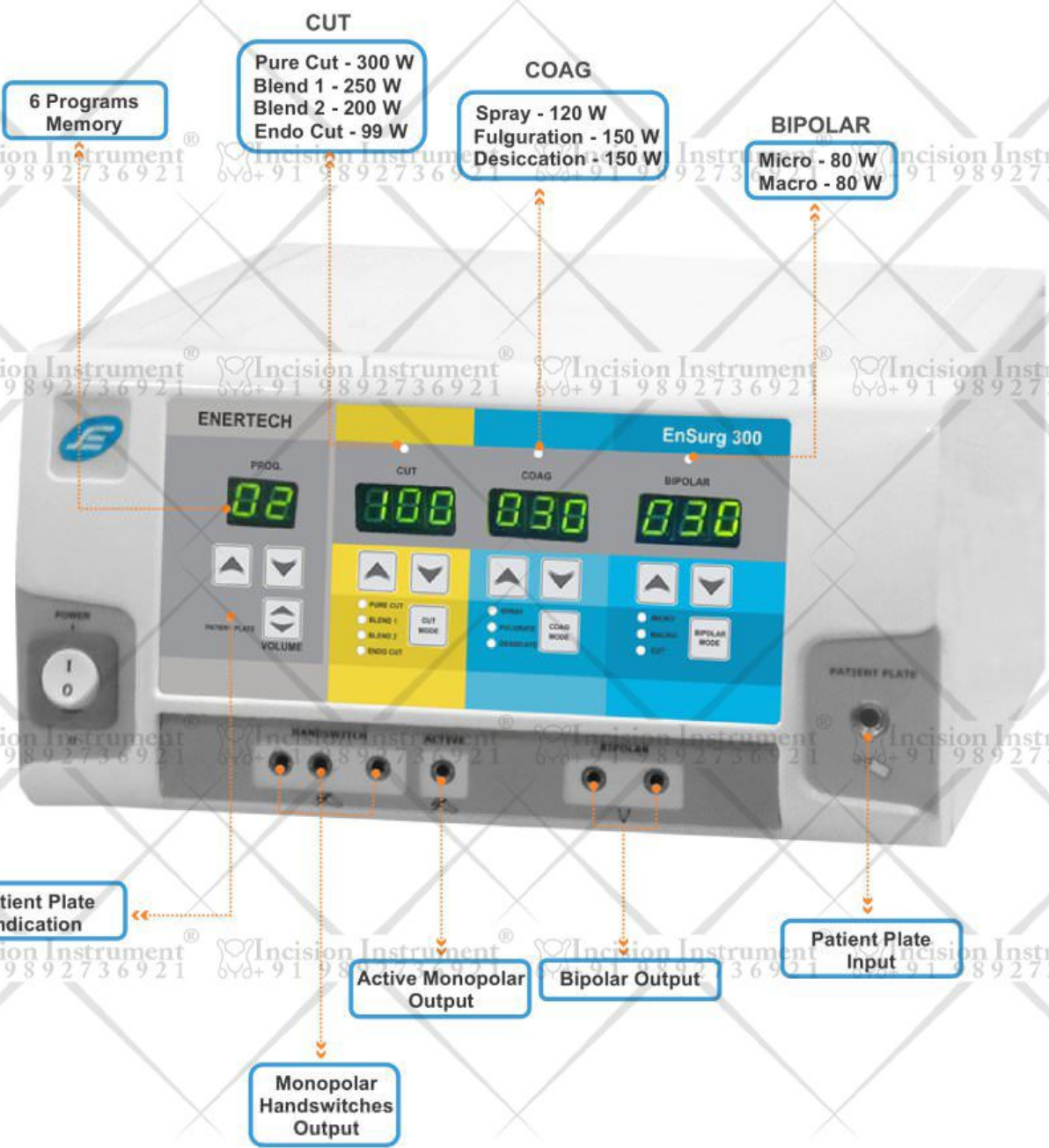


Disposable Hand Switch Pencil  
Imported





## Ensurg 300



## Electro Surgical Generator

### Ensurg 400

Enertech providing it's widest range of high performance state of the art COST EFFECTIVE Electro Surgical Generators available today in the market. The machines come with Instant Tissue response technology and Tissue impedance measurement systems. These models offer top of the line features like 99 program modes, multiple blend modes, endo cut facility, best monopolar cutting and coagulation performance with precision controlled bipolar output and host of safety features with adherence to EC 60601 guidelines. The range also includes low cost analog models for price conscious customers.



### Ensurg 400

Ensurg 400 is a micro controller based model with all the required features. Full power output at low cost. This is the right model for the customers who required basic 400W micro controller based model.

### Performance Features :-

#### ➤ Real Time Tissue Response Technology :

Real Time Tissue Response Technology provides surgeons with superior performance at lower power settings, minimizing the risk of tissue damage and neuromuscular stimulation.

#### ➤ Patient Plate Return Electrode Monitoring System :

Patient Plate Return Electrode Monitoring System provides instant indication of the quality of contact of the patient plate return electrode. Failure or poor contact results in fault indication with sound alarm which substantially reduces the risk of burn under the patient return electrode.

#### ➤ High Power Efficiency of 97%

The power efficiency of Enertech generators are the highest in it's class 97%. This leads to multiple benefits like increased reliability, most compact size, high portability, economy and reduced power consumption.



## Technical Specification

	Max.Power(Watts)	RatedLoad(Ohms)
Operating Frequency	480 KHz	-
No. of Program	NA	-
Display	7 Segment LED Digital	-
Pure Cut	400 W	500
Blend 1	250 W	500
Blend 2	200 W	500
Endocut	99 W	500
Spray	120 W	500
Fulguration	150 W	500
Desiccation / Soft	150 W	500
Bipolar Coagulation Micro	80 W	100
Bipolar Coagulation Macro	80 W	100
Bipolar Cut	99 W	100
Dimension ( W x H x D )	300 mm x 150 mm x 340 mm	
Weight	5.5 Kg.	
Input Voltage	170 to 260 VAC 50 Hz	

## Standard Accessories

Monopolar Double Pedel Footswitch  
/ Bipolar Single Pedel Footswitch



Patient Plate With Cable Cord  
Autoclavable



Silicon Patient Plate ( Optional )



Chuk Handle With Electrode  
Autoclavable



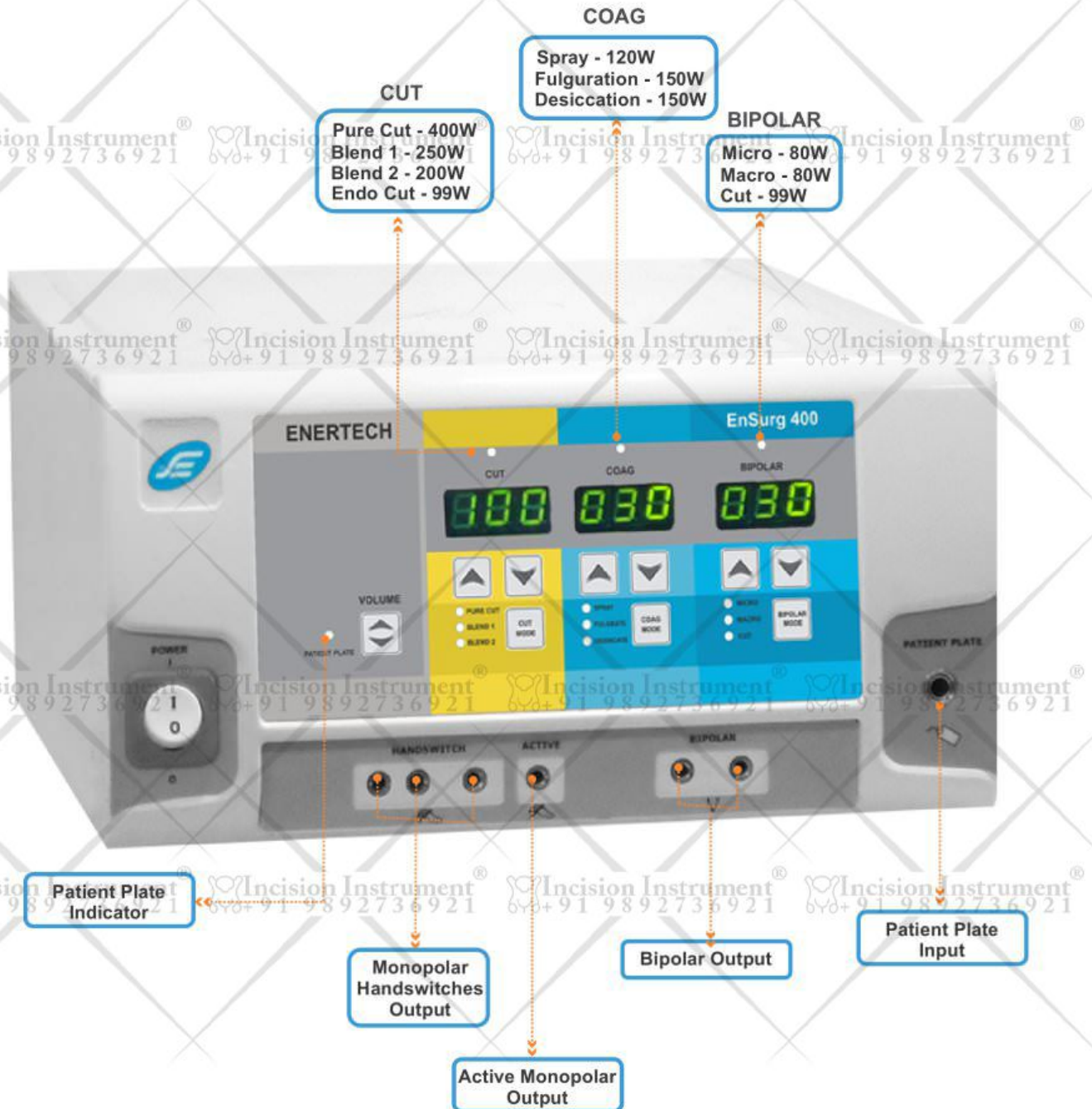
Bipolar Forcep Autoclavable  
With Cable



Disposable Hand Switch Pencil  
Imported

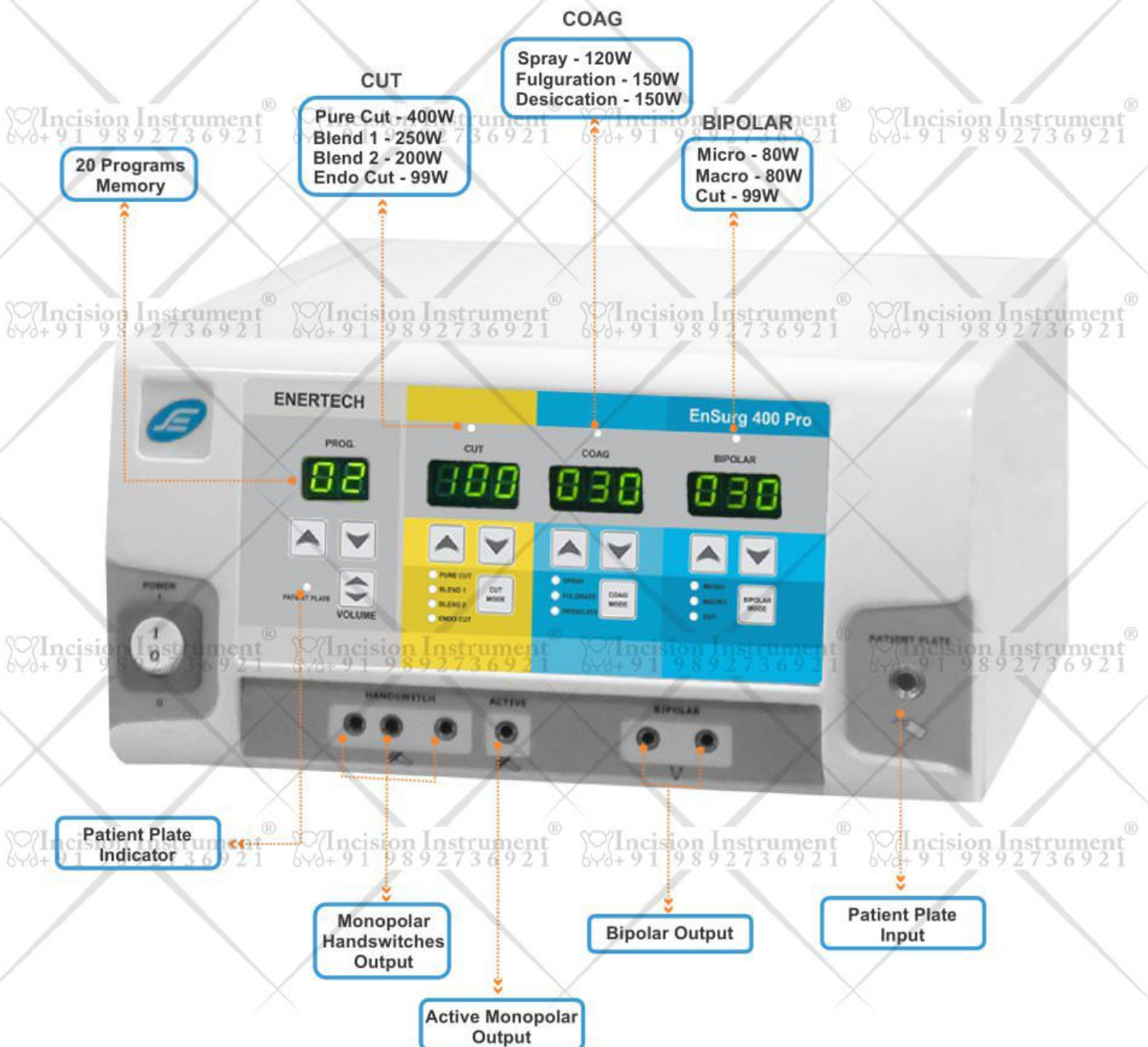


# Ensurg 400





## EnSurg 400 pro



## Technical Specification

	Max.Power(Watts)	RatedLoad(Ohms)
Operating Frequency	480 KHz	-
No. of Program	20	-
Display	7 Segment LED Digital	-
Pure Cut	400 W	500
Blend 1	250 W	500
Blend 2	200 W	500
Endocut	99 W	500
Spray	120 W	500
Fulguration	150 W	500
Desiccation / Soft	150 W	500
Bipolar Coagulation Micro	80 W	100
Bipolar Coagulation Macro	80 W	100
Bipolar Cut	99 W	100
Dimension ( W x H x D )	300 mm x 150 mm x 340 mm	
Weight	5.5 Kg.	
Input Voltage	170 to 260 VAC 50 Hz	

## Standard Accessories

Monopolar Double Pedal Footswitch  
/ Bipolar Single 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





## Electro Surgical Generator

### Ensurg 400 Pro

Enertech providing it's widest range of high performance state of the art COST EFFECTIVE Electro Surgical Generators available today in the market. The machines come with Instant Tissue response technology and Tissue impedance measurement systems. These models offer top of the line features like 99 program modes, multiple blend modes, endo cut facility, best monopolar cutting and coagulation performance with precision controlled bipolar output and host of safety features with adherence to EC 60601 guidelines. The range also includes low cost analog models for price conscious customers.



**Ensurg 400 Pro**

Ensurg 400 Pro is a micro controller based model with all the required features. Full power output at low cost. This is the right model for the customers who required basic 400W micro controller based model with 20 programs.

### Performance Features :-

#### ➤ Real Time Tissue Response Technology :

Real Time Tissue Response Technology provides surgeons with superior performance at lower power settings, minimizing the risk of tissue damage and neuromuscular stimulation.

#### ➤ Patient Plate Return Electrode Monitoring System :

Patient Plate Return Electrode Monitoring System provides instant indication of the quality of contact of the patient plate return electrode. Failure or poor contact results in fault indication with sound alarm which substantially reduces the risk of burn under the patient return electrode.

#### ➤ High Power Efficiency of 97%

The power efficiency of Enertech generators are the highest in it's class 97%. This leads to multiple benefits like increased reliability, most compact size, high portability, economy and reduced power consumption.

## Electro Surgical Generator

### Ensurg SSE - TUR Plus

Enertech providing it's widest range of high performance state of the art COST EFFECTIVE Electro Surgical Generators available today in the market. The machines come with Instant Tissue response technology and Tissue impedance measurement systems. These models offer top of the line features like 99 program modes, multiple blend modes, endo cut facility, best monopolar cutting and coagulation performance with precision controlled bipolar output and host of safety features with adherence to EC 60601 guidelines. The range also includes low cost analog models for price conscious customers.



Ensurg SSE - TUR is a 400W analog model with number of cut, blend and coagulation modes with to do under water surgery. This is the model with all around capabilities and simple of operation. It is the lowest cost model in similar class available today in the market.

#### Performance Features :-

##### ▶ Patient Plate Return Electrode Monitoring System :

Patient Plate Return Electrode Monitoring System provides instant indication of the quality of contact of the patient plate return electrode. Failure or poor contact results in fault indication with sound alarm which substantially reduces the risk of burn under the patient return electrode.

##### ▶ High Power Efficiency of 97%

The power efficiency of Enertech generators are the highest in it's class 97%. This leads to multiple benefits like increased reliability, most compact size, high portability, economy and reduced power consumption.



## Technical Specification

	Max.Power(Watts)	RatedLoad(Ohms)
Operating Frequency	480 KHz	-
Pure Cut	400 W	500
Blend 1	250 W	500
Blend 2	200 W	500
Spray	120 W	500
Fulguration	150 W	500
Desiccation	150 W	500
Bipolar Coagulation	80 W	100
Dimension ( W x H x D )	300 mm x 150 mm x 340 mm	
Weight	5.5 Kg.	
Input Voltage	170 to 260 VAC 50 Hz	

## Standard Accessories

Monopolar Double Pedal Footswitch  
/ Bipolar Single Pedal Footswitch



Patient Plate With Cable Cord  
Autoclavable



Silicon Patient Plate ( Optional )



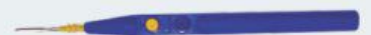
Chuk Handle With Electrode  
Autoclavable



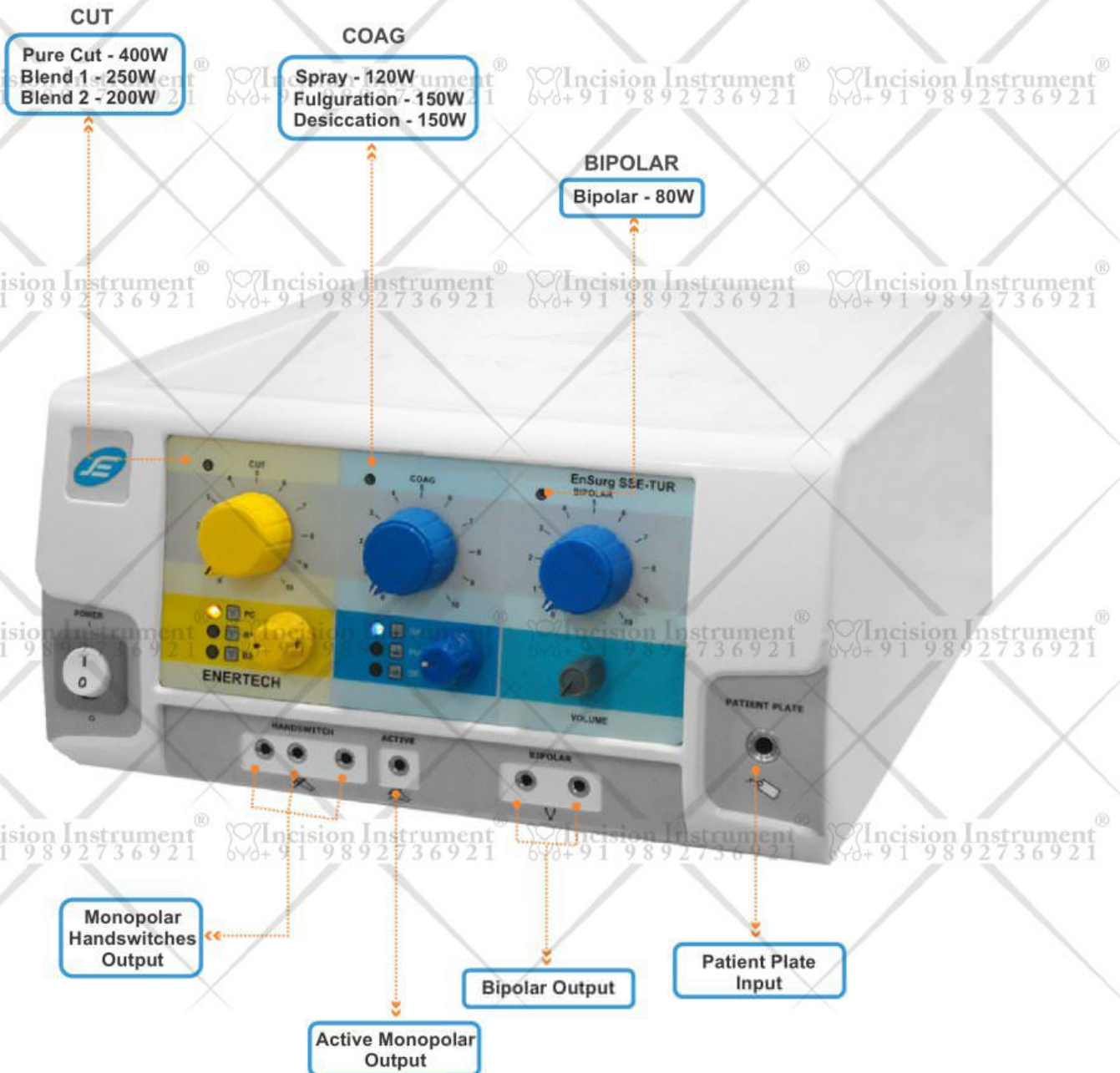
Bipolar Forcep Autoclavable  
With Cable



Disposable Hand Switch Pencil  
Imported



## EnSurg SSE - TUR Plus





## 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

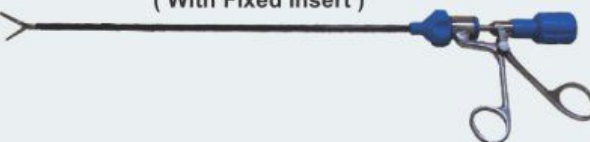


## Sealer Accessories :-

Reusable 5.5 MM Laparoscopy Instrument  
( With Changable Insert )



Reusable 5.0 MM Laparoscopy Instrument  
( With Fixed Insert )



Reusable Biclamp for Open Surgery



## Technical Specification

Model	LED Light Source
Display	Graphical LCD Display
Life Span of LED	@ 50000 Hours
Power	100 watts
Light Guide Connection	Storz Type
Intensity Control	0 to 100 %
Colour Temperature	6000° K
Operation Temperature	10° C to 40° C
Operation Humidity	10% to 90%
Dimension ( W x H x D )	290 mm x 125 mm x 305 mm
Frequency	50 HZ
Voltage	170 V - 270 V AC ( 110 VAC optional )
Weight	3.5 kg

## Classification

Safety Class	1
Type	BF
Manufactured and Tested Acc to Classification of Directive 93/42 EEC	IEC 601-1-1 and IEC 601-1-2

## Accessories

### Fiber Optics Cable

International Quality Autoclavable

CE Marked

Conformance to : 93 / 42 / EEC

Medical Device Directive





## LED Light Source



## LED Light Source

### LED Light Source

Enertech launches its new generation Technology of LED Light Source, which is revolution in lighting Technology. It has got numerous advantages as compared with traditional Halogen or Xenon Light Source.

Incision Instrument® +91 9892736921 Incision Instrument® +91 9892736921 Incision Instrument® +91 9892736921 Incision Instrument® +91 9892736921

#### Features :-

- **Powerful Bright White Light.**
- **Digital User Interference for Intensity control.**
- **Used hours totalliser for usage data of long life.**



Incision Instrument® +91 9892736921 Incision Instrument® +91 9892736921 Incision Instrument® +91 9892736921 Incision Instrument® +91 9892736921

### LED Light Source

#### Advantages of using LED Light Source :

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- **Long Life Span :**  
An LED's life span is up to 50,000 hours
- **Cost Saving :**  
In addition to reduced energy bills, LED last atleast 20 times longer than traditional xenon or halogen light. Saving are realized from 19 fewer purchase and from reduced maintenance costs.
- **Energy Saving :**  
LED light saves up to 80% of energy consumption.
- **Low Heat :**  
LED is solid, and there is no filament and glass. So LED produced very low heat which reduced the risk of peripheral burns. eg. Telescopes or fibre optic cables etc..



## Vessel Sealing Systems

### Ligaseal

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.



### Ligaseal

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.
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- 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.

## Sealer Accessories :-

Reusable 5.5 MM Laparoscopy Instrument  
( With Changable Insert )



Reusable Biclamp for Open Surgery



Reusable 5.0 MM Laparoscopy Instrument  
( With Fixed Insert )



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## Ligaseal

BIPOLAR

Bi-Coag - 120  
Bi-Cut - 120

SEAL

Soft - 150  
Force -150

23 Procedures  
Selection Menu

Bipolar output



Seal Output



- 23 Procedures selection menu.
- Specific modulated outputs for all procedures across all specialties for unmatched superior performance

## Technical Specification

### Monopolar Mode :

Mode	Max. Power Watt	Max. Short Circuit Current	Peak to Peak Voltage	Operating Frequency	Crest Factor
Soft Force	150	4.4 Amps	560 (280)	480 khz	1.5
Force	150	4.4 Amps	700 (350)	480 khz	1.5

### Bipolar Mode :

Mode	Max. Power Watt	Max. Short Circuit Current	Peak to Peak Voltage	Operating Frequency	Crest Factor
Bi-Coag	120	2.2 Amps	560 (280)	480 khz	1.5
Bi- Cut	120	2.2 Amps	620 (310)	480 khz	1.5

## Technical Specification

<b>Display</b>	: Graphical LCD Display.
<b>Dimension ( W x H x D )</b>	: 290 mm x 110 mm x 300 mm.
<b>Weight</b>	: 3 Kg.
<b>Keyboard</b>	: Feather Touch.
<b>Manufactured and tested</b>	: IEC 601-1 / EN 60601-1 acc. to std.
<b>Input Supply Voltage</b>	: 230 VAC + 15% @ 50/60 Hz ( 110 V optional )

## Standard Accessories

Double Pedal Footswitch For Bipolar & Seal



Bipolar Forcep Autoclavable With Cable



## Electro Surgical Generators

### Maxima

Enertech providing it's widest range of high performance state of the art COST EFFECTIVE Electro Surgical Generators available today in the market. The machines come with Instant Tissue response technology and Tissue impedance measurement systems. These models offer top of the line features like 99 program modes, multiple blend modes, endo cut facility, best monopolar cutting and coagulation performance with precision controlled bipolar output and host of safety features with adherence to EC 60601 guidelines. The range also includes low cost analog models for price conscious customers.



### Maxima

### Performance Features :-

- ▶ **Accessories contact detection during plug in and operation :**  
Accessories are detected during plug in and indicator for the footswitch turns red with words "FS" indicating that the same are ready for operation. During Press mode the indicator turns green showing which mode has been activated, reducing chances of wrong mode operation.
- ▶ **Multiple modes for superior functionality :**  
Multiple Modes - 2 Cut modes, 5 Blend modes, 3 EndoCut modes, 2 Spray modes, 2 Fulgurate modes, 1 Dessiccate mode, 1 Bi-Cut mode, 2 Bi-coag mode and for all types of procedures and all types of desired settings for superior performance.
- ▶ **100 Programs memory :**  
100 programs memory to save all desired settings for all different cases. Recall on program selection.



## Technical Specification

### Monopolar Modes:

Mode	Max. Power Watt	Rated Load (Ohms)	Program	Operating Frequency
Pure Cut	400 W	500	100	480 khz
Precise Cut	300 W	500	100	480 khz
Blend 1	250 W	500	100	480 khz
Blend 2	225 W	500	100	480 khz
Blend 3	200 W	500	100	480 khz
Blend 4	175 W	500	100	480 khz
Blend 5	150 W	500	100	480 khz
Endo Cut 1	150 W	500	100	480 khz
Endo Cut 2	100 W	500	100	480 khz
Endo Cut 3	75 W	500	100	480 khz

Mode	Max. Power Watt	Rated Load (Ohms)	Program	Operating Frequency
Coarse Spray	120 W	500	100	480 khz
Fine Spray	100 W	500	100	480 khz
Coarse Fulgurate	150 W	500	100	480 khz
Fine Fulgurate	150 W	500	100	480 khz
Dessicate	150 W	500	100	480 khz

### Bipolar Modes

Mode	Max. Power Watt	Rated Load (Ohms)	Program	Operating Frequency
Bi - Cut	120 W	500	100	480 khz
Macro	120 W	500	100	480 khz
Micro	80 W	500	100	480 khz

## Standard Accessories

Monopolar Double Pedal Footswitch  
/ Bipolar Single Pedal Footswitch



Chuk Handle With Electrode  
Autoclavable



Patient Plate With Cable Cord  
Autoclavable



Bipolar Forcep Autoclavable  
With Cable



Silicon Patient Plate ( Optional )



Disposable Hand Switch Pencil  
Imported



# Maxima

## CUT

Pure Cut	- 400 W
Precise Cut	- 300 W
Blend 1	- 250 W
Blend 2	- 225 W
Blend 3	- 200 W
Blend 4	- 175 W
Blend 5	- 150 W
Endo Cut 1	- 150 W
Endo Cut 2	- 100 W
Endo Cut 3	- 75 W

## COAG

Coarse Spray	- 120 W
Fine Spray	- 100 W
Coarse Fulgurate	- 150 W
Fine Fulgurate	- 150 W
Dessicate	- 150 W

## BIPOLAR

Micro	- 80 W
Macro	- 120 W
Bi-Cut	- 120 W

100 Programs Memory



Monopolar Hand Switches Output

Active Monopolar Output

Bipolar Output

Patient Plate Input





## Vessel Sealing Systems

### MaxSeal

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.



### Maxseal

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- 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.

### Bipolar Mode :

Mode	Max. Power Watt	Rated Load (Ohms)	Program	Operating Frequency
Bi - Cut	120 W	500	100	480 khz
Macro	120 W	500	100	480 khz
Micro	80 W	500	100	480 khz

### Sealer Mode :

Mode	Max. Power Watt	Max. Short Circuit Current	Peak to Peak Voltage	Operating Frequency	Crest Factor
Seal	150 W	4.4 Amps	700 (350)	480 khz	1.5

### 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

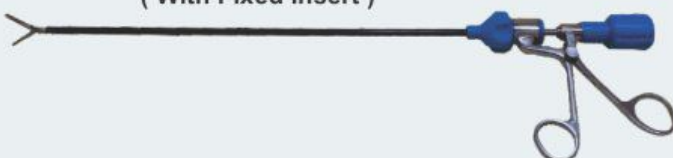


### Sealer Accessories :-

Reusable 5.5 MM Laparoscopy Instrument ( With Changable Insert )



Reusable 5.0 MM Laparoscopy Instrument ( With Fixed Insert )

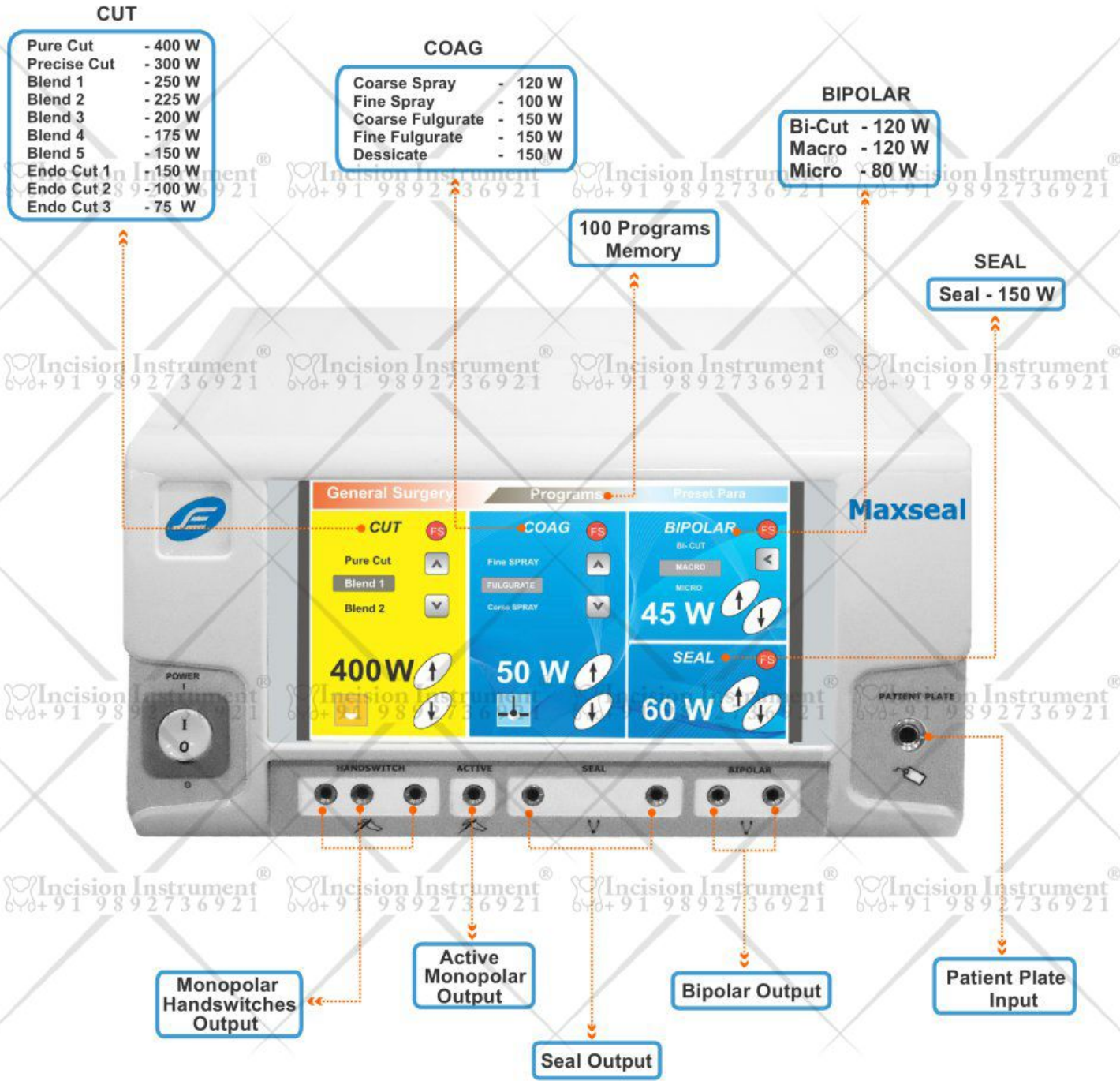


Reusable Biclamp for Open Surgery





# Maxseal



## Performance Features :-

### ➤ Patient plate conductivity monitoring system ( PP - CMS ) :

The advanced monitoring system gives a Real Time indication of the quality of the conductivity via the patient plate. There are 3 indicators. H = High contact and good conductivity. M = Medium Contact and medium conductivity. L = Low contact and poor conductivity. This Feature enables the monitoring of contact quality and hence significantly reduces the chances of plate failure resulting in burns

### ➤ Accessories contact detection during plug in and operation :

Accessories are detected during plug in and indicator for the footswitch turns red with words "FS" indicating that the same are ready for operation. During Press mode the indicator turns green showing which mode has been activated, reducing chances of wrong mode operation.

### ➤ Multiple modes for superior functionality :

Multiple Modes - 2 Cut modes, 5 Blend modes, 3 EndoCut modes, 2 Spray modes, 2 Fulgurate modes, 1 Dessicate mode, 1 Bi-Cut mode, 2 Bi-coag mode and 1 Seal mode for all types of procedures and all types of desired settings for superior performance.

### ➤ 100 Programs memory :

100 programs memory to save all desired settings for all different cases. Recall on program selection.

## Technical Specification

### Monopolar Mode :

Mode	Max. Power Watt	Rated Load (Ohms)	Program	Operating Frequency
Pure Cut	400 W	500	100	480 khz
Precise Cut	300 W	500	100	480 khz
Blend 1	250 W	500	100	480 khz
Blend 2	225 W	500	100	480 khz
Blend 3	200 W	500	100	480 khz
Blend 4	175 W	500	100	480 khz
Blend 5	150 W	500	100	480 khz
Endo Cut 1	150 W	500	100	480 khz
Endo Cut 2	100 W	500	100	480 khz
Endo Cut 3	75 W	500	100	480 khz

Mode	Max. Power Watt	Rated Load (Ohms)	Program	Operating Frequency
Coarse Spray	120 W	500	100	480 khz
Fine Spray	100 W	500	100	480 khz
Coarse Fulgurate	150 W	500	100	480 khz
Fine Fulgurate	150 W	500	100	480 khz
Dessicate	150 W	500	100	480 khz



## Standard Accessories

Monopolar Double Pedal Footswitch / Bipolar Single Pedal Footswitch



Patient Plate With Cable Cord Autoclavable



Silicon Patient Plate ( Optional )



Chuk Handle With Electrode Autoclavable



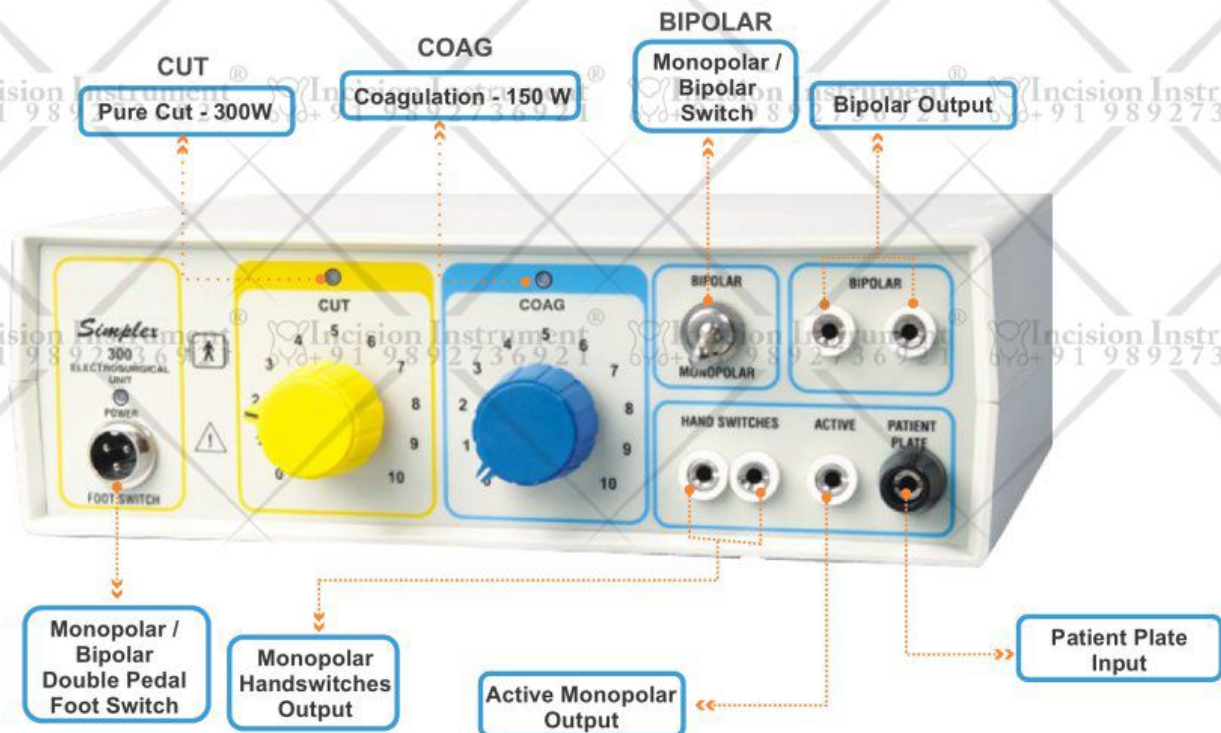
Bipolar Forcep Autoclavable With Cable



Disposable Hand Switch Pencil Imported



## Simplex 300



## Electro Surgical Generator

### Simplex 300

Enertech providing it's widest range of high performance state of the art COST EFFECTIVE Electro Surgical Generators available today in the market. The machines come with Instant Tissue response technology and Tissue impedance measurement systems. These models offer top of the line features like 99 program modes, multiple blend modes, endo cut facility, best monopolar cutting and coagulation performance with precision controlled bipolar output and host of safety features with adherence to EC 60601 guidelines. The range also includes low cost analog models for price conscious customers.



Simplex 300

Simplex 300 is a 300W analog model with basic cut, coag and bipolar modes with capability of doing most of the surgeries with lowest price.

#### Performance Features :-

##### ➤ High Power Efficiency of 97%

The power efficiency of Enertech generators are the highest in it's class 97%. This leads to multiple benefits like increased reliability, most compact size, high portability, economy and reduced power consumption.

#### Technical Specification

	Max.Power(Watts)	RatedLoad(Ohms)
Operating Frequency	480 Khz	-
Pure Cut	300 W	500
Coagulation	120 W	500
Bipolar	80 W	100
Dimension ( W x H x D )	3.5" x 13" x 12"	
Weight	3 Kg.	
Input Voltage	170 to 260 VAC 50 Hz	



## ELECTROSURGICAL GENERATORS

### SSE-TUR

SSE-TUR is 400W analog model with number of cut, blend and coagulation mode with to do under water surgery. This is the model with all around capabilities and simple operation. It is lowest cost model in similar class available today in the market.



### SSE-TUR

#### Important Features:-

- ❑ **Patient Plate Return Electrode Monitoring system:-**  
Patient Plate Return Electrode Monitoring system provides instant indication of the quality of contact of the patient plate return electrode. Failure or poor contact results in fault indication with sound alarm which substantially reduces the risk of burns under the patient return electrode.
- ❑ **High power efficiency of 97% :-**  
The power efficiency of EnerTech generators are the highest in its class at 97%. This leads to multiple benefits like increased reliability, most compact size, high portability, economy and reduced power consumption.

## Technical Specification

	Max.Power(Watts)	RatedLoad(Ohms)
OperatingFrequency	480Khz	-
PureCut	400W	500
Blend1	250W	500
Blend2	200W	500
Spray	120W	500
Fulguration	150W	500
Desiccation	150W	500
BipolarCoagulation	80W	100
Dimension(WxHxD)	@4.5"x10"x12"	
Weight	3.8Kg	
InputVoltage	170to260VAC50Hz	

## Standard Accessories



**Disposable Hand  
Switch Pencil**



**Bipolar  
Forcep Autoclavable**



**Stainless Patient Plate**



**Chuck Handle with  
Electrodes Autoclavable**



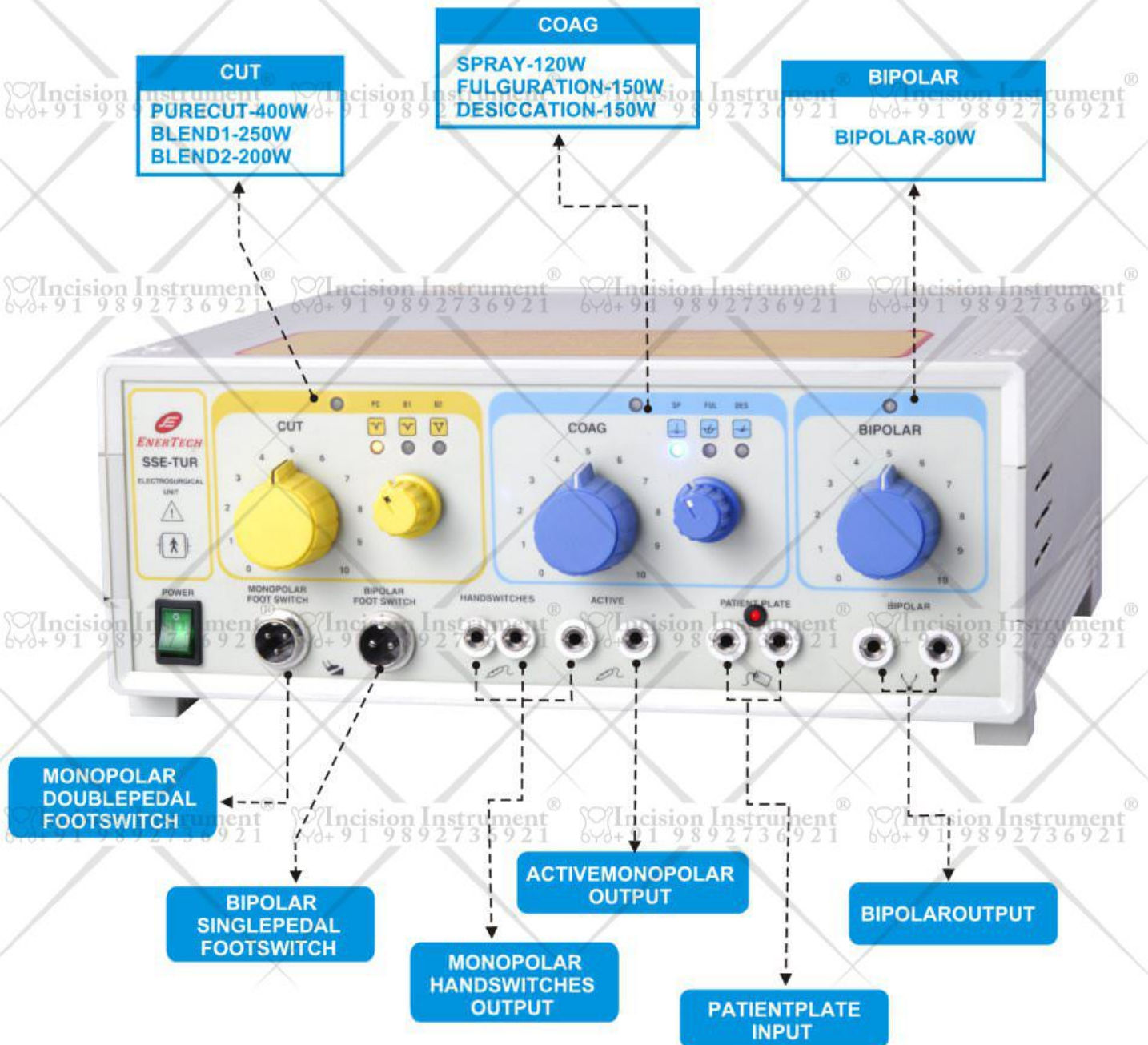
**Bipolar Single  
Pedal Footswitch**



**Monopolar Double  
Pedal Footswitch**



# SSE-TUR



## ELECTROSURGICAL GENERATORS

### VictorXL

Victor XL is high performance micro controller based model with 20 programs with host of features and modes for all around superior capabilities. This is the right model for the customers who require all the features and controls at a reasonable price.



VictorXL

### Important Features:-

- ❑ **RealTimeTissueResponseTechnology:-**  
RealTimeTissueResponsetechnologyprovides surgeonswithsuperiorperformance atLower powersettings,minimizingtheriskoftissuedamageandneuromuscularstimulation.
- ❑ **PatientPlateReturnElectrodeMonitoringsystem:-**  
Patient Plate Return Electrode Monitoring system provides instant indication of the quality ofcontactofthepatientplatereturnelectrode.Failureorpoorcontactresultsinfaultindicationwith soundalarmwhichsubstantiallyreducestheriskofburnsunderthepatientreturnelectrode.
- ❑ **Highpowerefficiencyof 97% :-**  
ThepowerefficiencyofEnertechgeneratorsarethehighestinit'sclassat97%.Thisleadsto multiple benefits like increased reliability, most compact size, high portability, economy and reducedpowerconsumption.



## Technical Specification

	Max.Power(Watts)	RatedLoad(Ohms)
OperatingFrequency	480Khz	-
No.ofProgram	20	-
Display	7SegmentDigital	-
PureCut	400W	500
Blend1	250W	500
Blend2	200W	500
Endocut	99W	500
Spray	120W	500
Fulguration	150W	500
Desiccation/Soft	150W	500
BipolarCoagulationMicro	80W	100
BipolarCoagulationMacro	80W	100
BipolarCut	99W	100
Dimension(WxHxD)	@4.5"x10"x12"	
Weight	3.8Kg	
InputVoltage	170to260VAC50Hz	

## Standard Accessories



**Disposable Hand  
Switch Pencil**



**Bipolar  
Forcep Autoclavable**



**Stainless Patient Plate**



**Chuck Handle with  
Electrodes Autoclavable**

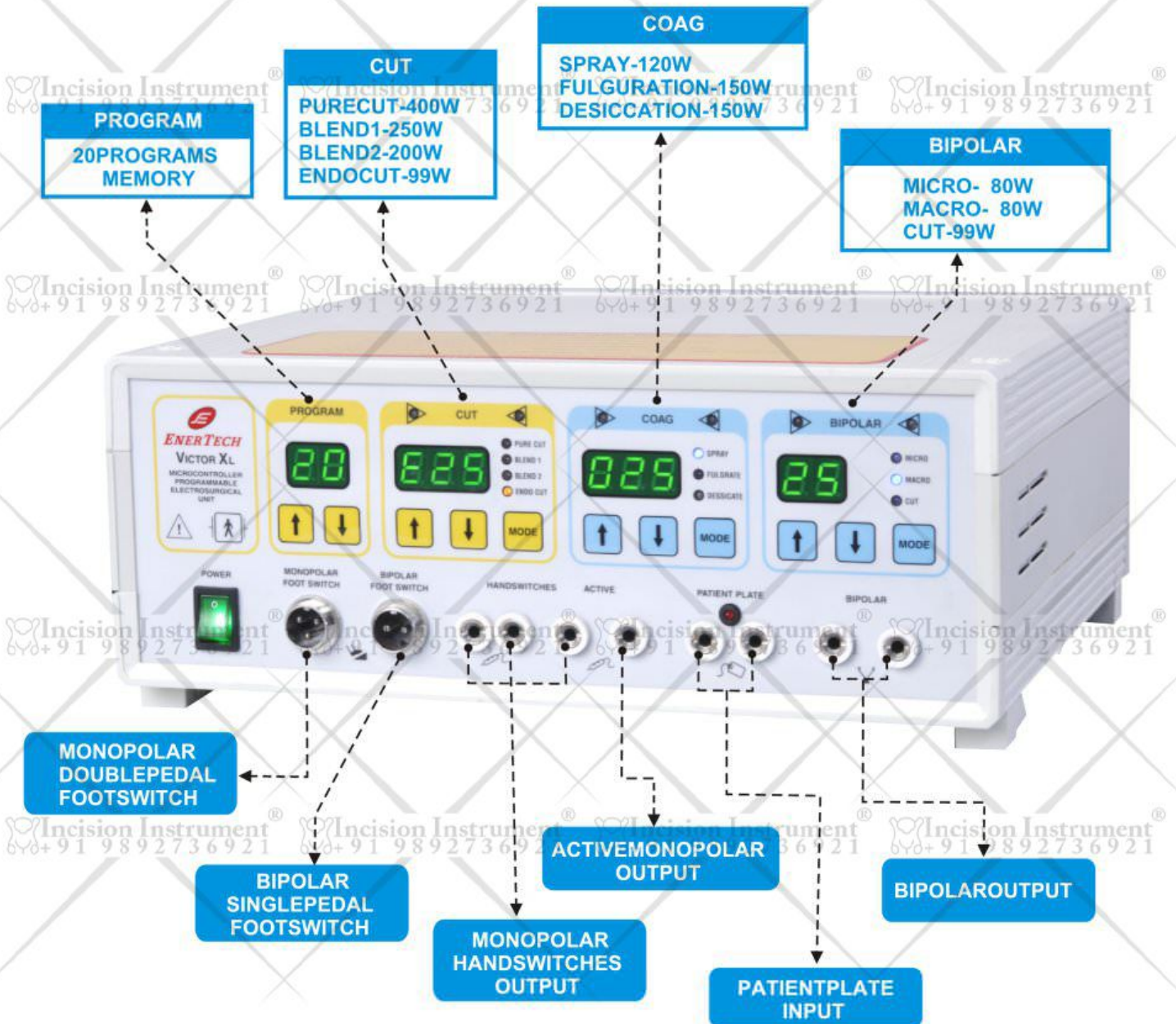


**Bipolar Single  
Pedal Footswitch**



**Monopolar Double  
Pedal Footswitch**

# VictorXL





## ELECTROSURGICAL GENERATORS

### VictorXLPlus

Victor XL Plus is a top of the line micro controller based model with 99 programs, high speed tissue response circuits and host of modes and superior bipolar performance for the customers who demand the best.



### VictorXLPlus

#### Important Features:-

- ❑ **RealTimeTissueResponseTechnology:-** RealTimeTissueResponsetechnologyprovides surgeonswithsuperiorperformance atLower powersettings,minimizingtheriskoftissuedamageandneuromuscularstimulation.
- ❑ **PatientPlateReturnElectrodeMonitoringsystem:-** PatientPlateReturnElectrodeMonitoringsystemprovidesinstantindicationofthequality ofcontactofthepatientplatereturnelectrode.Failureorpoorcontactresultsinfaultindicationwith soundalarmwhichsubstantiallyreducestheriskofburnsunderthepatientreturnelectrode.
- ❑ **Highpowerefficiencyof 97% :-** ThepowerefficiencyofEnertechgeneratorsarethehighestinit'sclassat97%.Thisleadsto multiple benefits like increased reliability, most compact size, high portability, economy and reducedpowerconsumption.

## Technical Specification

	Max.Power(Watts)	RatedLoad(Ohms)
OperatingFrequency	650Khz	-
No.ofProgram	99	-
Display	7SegmentDigital	-
PureCut	400W	500
Blend1	250W	500
Blend2	200W	500
Endocut	99W	500
Spray	120W	500
Fulguration	150W	500
Desiccation/Soft	150W	500
BipolarCoagulationMicro	80W	100
BipolarCoagulationMacro	80W	100
BipolarCut	99W	100
Dimension(WxHxD)	@4.5"x10"x12"	
Weight	3.8Kg	
InputVoltage	170to260VAC50Hz	

## Standard Accessories



**Disposable Hand  
Switch Pencil**



**Bipolar  
Forcep Autoclavable**



**Stainless Patient Plate**



**Chuck Handle with  
Electrodes Autoclavable**



**Bipolar Single  
Pedal Footswitch**



**Monopolar Double  
Pedal Footswitch**



# VictorXLPlus

