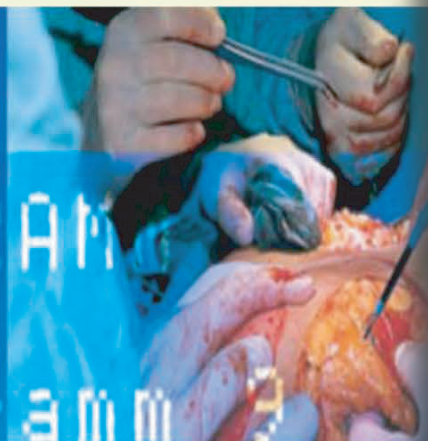
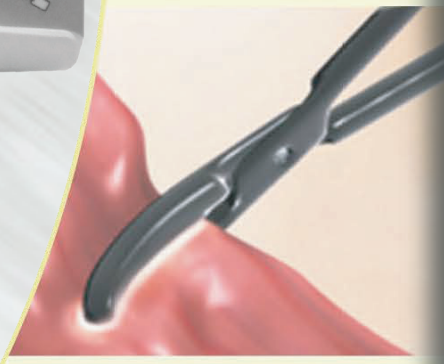
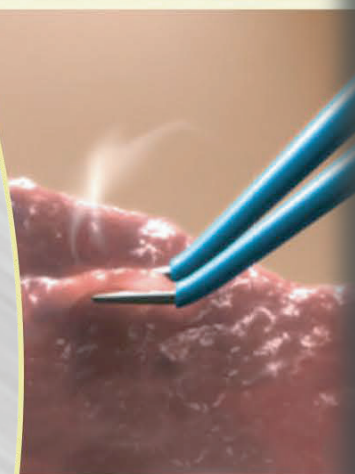




# ESS-FSEAL

Vessel sealing system



OPERATING THEATRE



# ESS-FSEAL

## Vessel sealing system

**Across the range, Esse 3 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.
- 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.

### 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


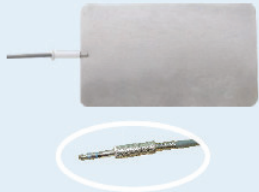




### Sealer Mode :

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



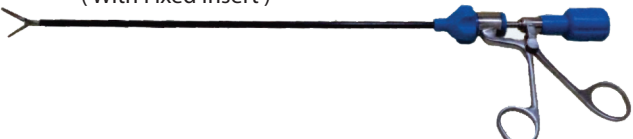
**Technical Specifications :**

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

**Standard accessories :**

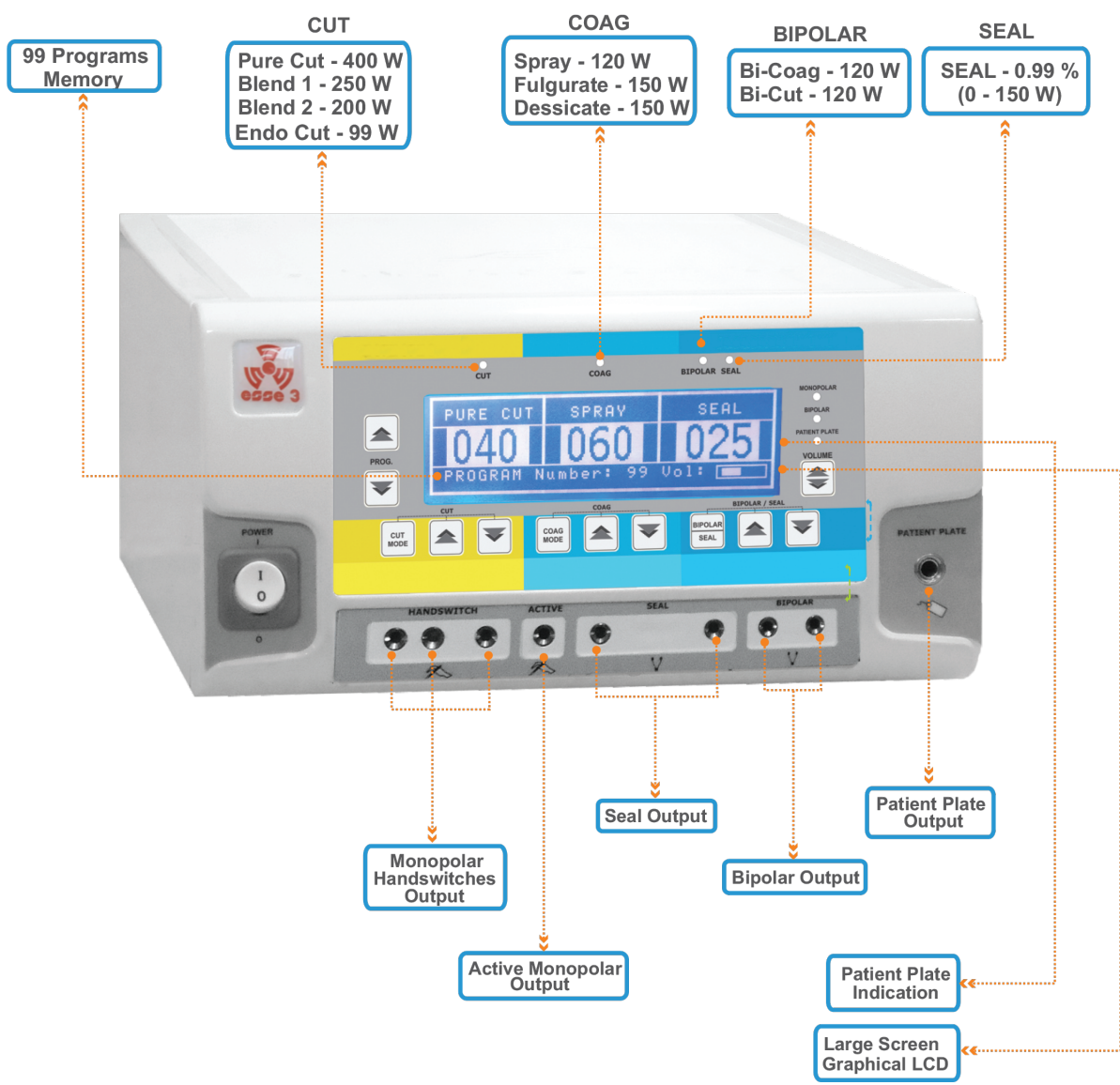
<p>Monopolar Double Pedal Footswitch/ Bipolar &amp; Seal Double Pedal Footswitch</p> 	<p>Patient Plate With Cable Cord Autoclavable</p> 	<p>Silicon Patient Plate ( Optional )</p> 
<p>Chuck Handle With Electrode Autoclavable</p> 	<p>Bipolar Forcep Autoclavable With Cable</p> 	<p>Dispoible Hand Switch Pencil Imported</p> 

**Sealer accessories :**

<p>Reusable 5.5 MM Laparoscopy Instrument ( With Changable Insert )</p> 	<p>Reusable Biclamp for Open surgery</p> 
<p>Reusable 5.0 MM Laparoscopy Instrument ( With Fixed Insert )</p> 	



## ESS-FSEAL



ESSE3 srl, Via Garibaldi 30  
 14022 Castelnuovo D.B. (AT)  
 Tel +39 011 99 27 706  
 Fax +39 011 99 27 506  
 e-mail esse3@chierinet.it  
 web: www.esse3-medical.com

