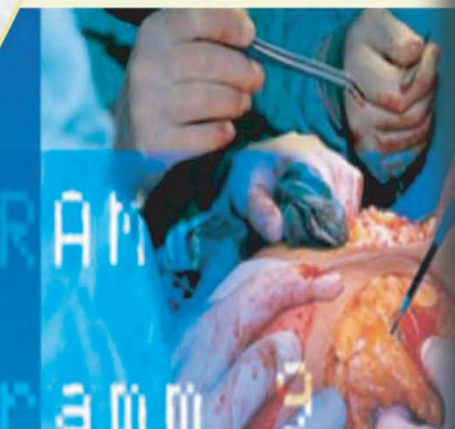
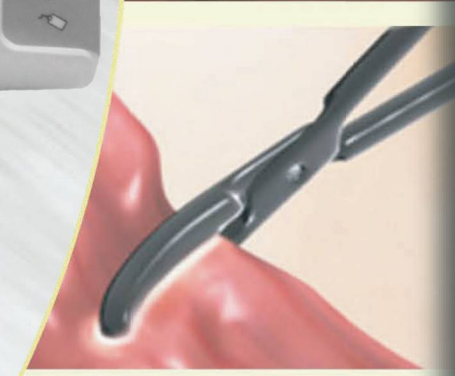




ESS-FSEAL

Vessel sealing system



OPERATING THEATRE



Pulse Healthcare Technology
House: 11/1, Shahid Minar Road
Kallyanpur, Dhaka-1216, Bangladesh.
Mobile: +8801708008061
e-mail: info@pht.com.bd
web: www.pht.com.bd



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

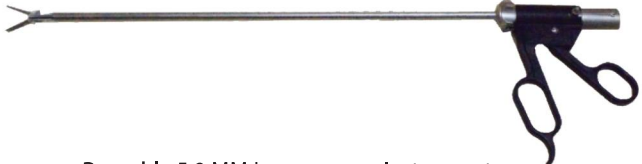
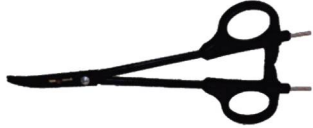
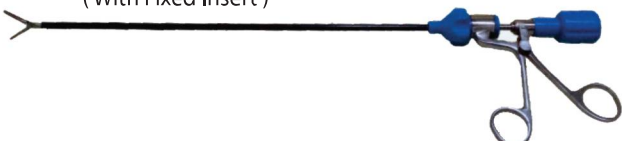
Technical Specifications :

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 :

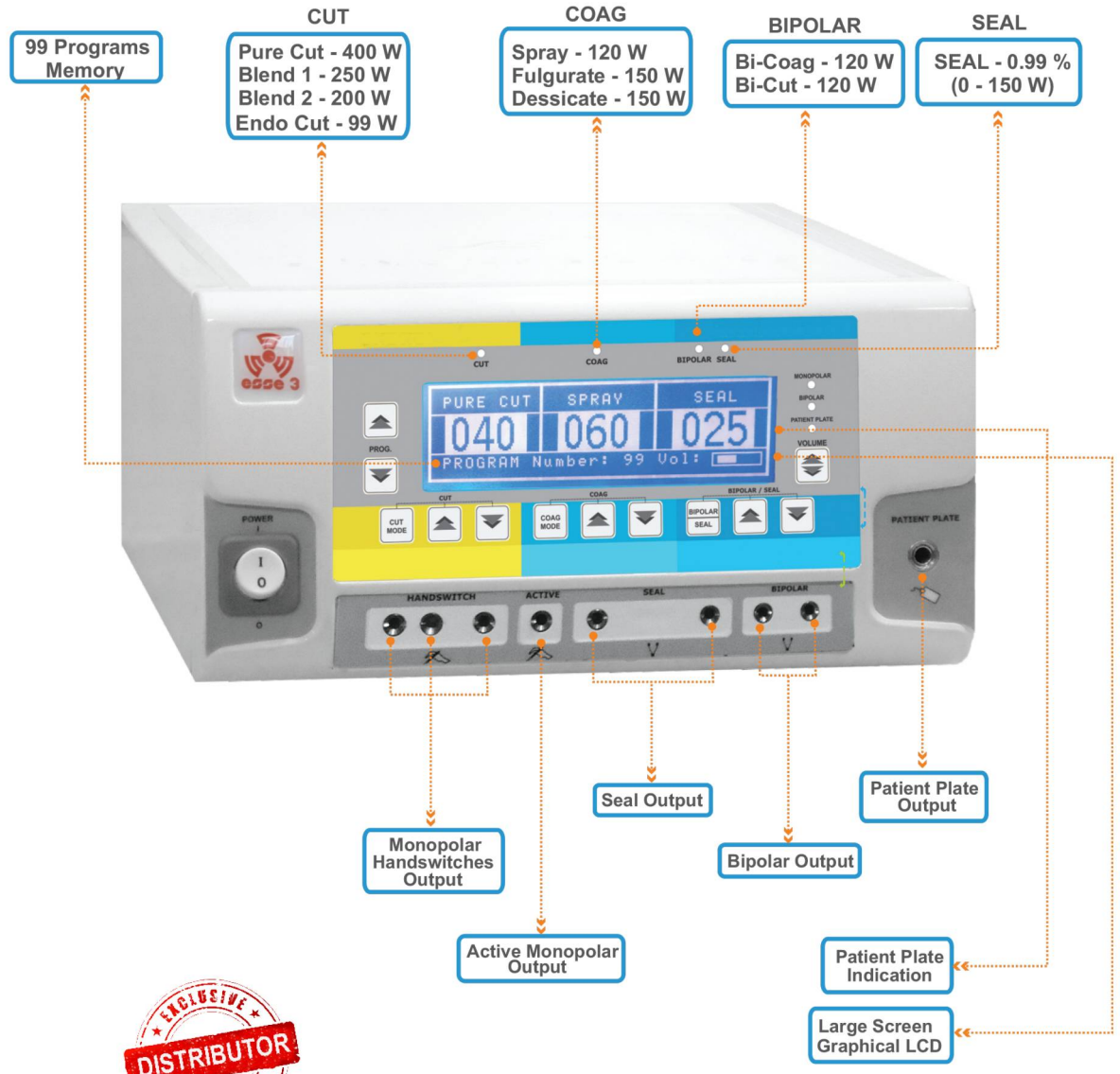
<p>Monopolar Double Pedal Footswitch/ Bipolar & Seal Double Pedal Footswitch</p> 	<p>Patient Plate With Cable Cord Autoclavable</p> 	<p>Silicon Patient Plate (Optional)</p> 
<p>Chuck Handle With Electrode Autoclavable</p> 	<p>Bipolar Forcep Autoclavable With Cable</p> 	<p>Disposable Hand Switch Pencil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



Pulse Healthcare Technology
 House: 11/1, Shahid Minar Road
 Kallyanpur, Dhaka-1216, Bangladesh.
 Mobile: +8801708008061
 e-mail: info@pht.com.bd
 web: www.pht.com.bd



ESSE3 srl, Via Garibaldi 30
 14022 Castelnovo 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

