



An ISO 9001:2008 / 13485:2003 Company

NEW IMPROVED **FORCE 400** GENERATOR

Powered by Technology Driven by Values

MAKING TECHNOLOGY SMARTER & SIMPLER

Integrated Micro Controller For Automatic Precise Dosage Error and Power Adjustment

Eclipse introduces the Super Response Generator (SRG) - FORCE 400 with advanced power system. Equipped with ultrasensory power adaptation that facilitates the generator to avail wider range of current drawing capacity instantly. The new IGBT technology replacing the earlier mosfets, imparts improvised sturdyness to the realibility of performance and also ensures the longevity of the machine.

Eclipse Smart Feedback System

Is highly advanced, feedback system for instantaneous response to the varying tissue impedances, thus reducing the need to adjust current manually for different types of tissues. The precise adaptability of the generator frees the surgeon from keeping an eye on the output of generator enabling one to completely focus on the ongoing surgery.

Separate Monopolar & Micro Bipolar Outputs

Enhances convenience to satisfy the needs of surgeons for alternative applications without readjustment.
Can be upgraded to accomodate APC.

Dependable Clinical Performance

Reduces charring & drag, operating time and avoids neuro-muscular simulation, thermal spread.

Safety with Versatility

The sturdy design leads to safe surgery of patients and continuous monitoring of HF leakage eliminates the risk of alternate side burns and added advantage of REM (Return Electrode Monitoring) system.

Cutting, Coagulation and Bipolar Outputs

An intelligent microprocessor based design allows surgeon operating with variety of vace forms. The generator is designed for speed, accuracy and simplicity of use. For different outputs, optimum crest factor can be selected for all types of procedures.

Power Supply Safety

Switching power supply device accepts the wide range of input voltage from 150 to 270 Volts and hence keep the output constant throughout the range in confirmity with IEC-601-1/601-2.



A Trusted Performer with New Promise

Visit us at : www.eclipsehealthcare.net

The Eclipse NEW Improved FORCE 400

Output Characteristics

Three Cut Modes

The Three Cut Modes takes into account varying tissue impedance and match the cutting speed with the temperament of surgeons. All cut modes i.e. Pure Cut, Blend 1 and Blend 2 delivers the precise output to the targeted tissue.

Three Coag Modes

Includes Spray, Force and Soft Coag

Spray Coag for coagulation of large tissue areas with minimum depth of Necrosis.

Force Coag for efficient non contact coagulation.

Soft Coag for low voltage coagulation

Two Bipolar Outputs

Force Coagulation & Bipolar Cutting Modes - Utilise low voltage to prevent sparking.



Technical Specifications

	Max Power (Watts)	Rated Load (Ohms)
Operating Frequency	350 KHz min	-
Display	Digital	-
Pure Auto Cut	400 W	700
Blend 1	250 W	500
Blend 2	200 W	500
Spray	120 W	500
Force	150 W	500
Soft	100 W	500
Bipolar Force Coag	80 W	100
Bipolar Cut	80 W	500
Dimensions (W x H x L)	300 x 140 x 450 mm	-
Weight	6.8 Kg	-
Input Voltage	170 to 260 VAC 50 Hz	-

Standard Accessories

Monopolar Double Pedal Foot Switch - 1 No.

Set of 3 Electrodes - 1 Set

S. S. Patient Plate with Cable - 1 No.

Chuck Handle - 1 No.

Bipolar Single Pedal Foot Switch - 1 No.

Optional Accessories

Bipolar Forcep with Cord - 1 No.

Disposable Hand Switching Pencil - 1 No.

Impedance (Tissue Resistance)
Autoranging system to provide constant output for wide range of tissue impedance

Optional Technical Facility

(at additional cost)

1. Polyp Cut (Endo cut)
2. Patient Plate Monitoring System (PPM) with Audio Visual Alarm

Eclipse Instrumentation (I) Pvt. Ltd.

Regd. Office : 7, Shankar Sadan, 3rd Floor, D. R. Road, Charai, Thane (W) - 400 601.

Factory : 212, Ashok Service Indl. Estate, Amrut Nagar, L.B.S. Marg, Thane (W) - 400 601.

Tel. : 022-21720091 / 32452336 / 25418309 E-mail : eclipse2@ymail.com / eclipseinst@vsnl.net

Visit us at www.eclipsehealthcare.net

Customer Care No. :

All India : 022 - 2172 0091 / 3245 2336 / 2541 8309 Fax No. : 2172 0091

Maharashtra & Gujarat : 022 - 3243 4138 / 2543 3711 / 3246 2658 Fax No. : 2543 3711



An ISO 9001:2008 / 13485:2003 Company