



Add Hi-Tech Precision to your Surgical Expertise...

H i g h P e r f o r m a n c e

## Shalya easy+v

With all Reusable Attachments



Complete range of  
**Electro Surgical Solutions**

Electrosurgical Generator

CE  
1639



ISO  
13485

## MONOPOLAR CUT : Pure Sine wave 390 kHz

Sp Cut- Programmable Pulse or continues output,  
300 W at 300 Ω, CF 1.5

Pure - Continues output, 300 W at 300 Ω, CF 1.5

Blend - Bursts repeating at 29 kHz 50% ON cycle,  
200 W at 300 Ω, CF 2.5

## SEALER : Pure Sine wave 390 kHz

Seal - Pulse output mode, 3 level, 100 W at 100 Ω, CF 1.5

BiCut - Higher output voltage, 70 W at 100 Ω, CF 1.5

BiCoag - Moderate output voltage, 70 W at 100 Ω, CF 1.5

## Bipolar : Pure Sine wave 390 kHz

Micro - Lower output voltage, 70 W at 100 Ω, CF 1.5

Macro - Higher output voltage, 70 W at 100 Ω, CF 1.5

## FEEDBACK SYSTEM

- 3 Microprocessor Controlled 6SENSE Technology with sampling rate above 4,00,000 sense/second
- Maximum output power deviation < 15% or 5 watts, whichever is greater at any setting with PER-98

## LEAKAGE CURRENTS

- RF leakage current \*Monopolar : < 150 mA rms
- Bipolar : < 60 mA rms
- Low Frequency leakage currents
  - Normal polarity, intact ground : < 10 μA
  - Normal polarity, ground open : < 50 μA

## MONOPOLAR COAG : Damped Sine wave 460 kHz

Soft - Repetition Frequency 55 kHz, 120 W at 500 Ω, CF 5.0

Fulgurate - Repetition Frequency 29 kHz, 120 W at 500 Ω, CF 7.0

Randomized Spray - Randomized Repetition Frequency  
23 kHz < f < 35 kHz, 120 W at 500 Ω, CF 8.0

## PREM SYSTEM

Measuring Frequency : 80 kHz ± 10 kHz.

Measuring current : < 10 μA

Acceptable Resistance Range

Dual Area PREM Patient Return Electrode : 5-135 Ω (Adaptive)

Single Area Patient Return Electrode : < 10 Ω

## DESIGN STANDARD

Classification according to the EC- Directive 93/42/ EEC: Class IIb

General Safety Standards: IEC 60601-1-1, IEC 60601-2-2

EMI/EMC Compatibility Standard: IEC 60601-1-2

IS Safety Standard: IS 7583

## INPUT POWER (other ratings available on request)

Operating Voltage : 180-265 Volt AC, 50-60 Hz

Max. Power input : 1000 VA, Fuse : 6 A, UPS Backup : 1KVA

## DIMENSIONS

L x W x H in cm - 39.8 x 31.5 x 12, Weight in kg < 5.0

## Features of **Shalya easy+v**

**6SENSE Technology :** Maintain set power over wider range of tissue by Tissue Feedback Technology.

**PREM :** Patient Return Electrode Monitoring gives an Alarm providing safety against the Return Electrode site burns.

**Vessel Sealing Mode :** Vessel Sealing up to 7mm with reusable Open, Foot activated & Lapro attachments..

**Bipolar Scalpel Mode :** Bipolar Cut/Coag of Tissue by axer max foot activated Bipolar Scalpel.

**Auto Stops :** The energy stops with audio indication at completion of sealing cycle.

**Randomized SPRAY Coag :** Homogeneous, superficial, faster Coagulation over larger area.

**Self Diagnosis :** Ensure the ESU with accessories are safe for functioning & display Error Codes if any.

**Upgradability :** Argon Beam Coagulation, Ultrasonic Aspirator, Smoke Evacuator, Suction Irrigation module.

**User Programmable :** TEN Surgical Programs help in setting the system after power ON.

**BiCoag Alarm :** Audio feedback after completion of Bipolar Coag, reduces charring and sticking.

**Pulse/Endo Cut (Optional) :** Tissue feedback Pulse Interval controlled Pulse Cut for Polypectomy & Papillo

**Remote Power Settings (Optional) :** Change mode and power from sterile field by normal Handswitch Per

**Foot Switch :** Having toggle button to switch between modes along with wireless option.

**Time Out Function (Optional) :** Automatically stops the HF output if prolong unintended activation.

**Surgical Applications :** Useful for wide range of surgical application as : Plastic, Neuro, ENT, Spine,

Ophthalm, Laparo Surgery, Endo, GI, Ortho, Open & General Surgery, Onco, Gynecology, Hernia,

GI Endocut, Papillotomy, Polypectomy, Under Water, Urology, Gynec TCRe, Hysteroscopy, Thoracotomy, Cardio Thoracic.

**Vessel Sealing :** Laparoscopic / Radical / Vaginal/ Abdominal Hysterectomy, Appendectomy, Colectomy, Cystectomy, Gastric Bypass,

Hemorrhoidectomy, LAVH, Liver Resection, Nephrectomy, Nissen Fundoplication, Splenectomy.

## Shalya range of Reusable Instruments

### Shalya range of Reusable Instruments

axerfive

R501

5mm

Insert with Blade

E64

Sealing Clamp

axermax

axerflex B

With Spring - R228

Without Spring - R219

axermax

axerflex B

With Spring - R228

Without Spring - R219

axermax

axerflex B

With Spring - R228

Without Spring - R219

axermax

axerflex B

With Spring - R228

Without Spring - R219

axermax

axerflex B

With Spring - R228

Without Spring - R219

axermax

axerflex B

With Spring - R228

Without Spring - R219

axermax

axerflex B

With Spring - R228

Without Spring - R219