

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

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

Shalya Vista

With all Reusable Attachments



Complete range of
Electro Surgical Solutions

MONOPOLAR CUT : SEVEN Modes : 390 kHz
 Low Cut : Continues output, 300 W at 300 Ω, CF 1.5, Low Volt
 Pure Cut : Continues output, 400 W at 300 Ω, CF 1.5
 Blend1 : Bursts at 29 kHz, 65% ON cycle, 250 W at 300 Ω, CF 2
 Blend2 : Bursts at 31 kHz, 55% ON cycle, 200 W at 300 Ω, CF 2.5
 Endo1 : Pulse output, 400 W at 300 Ω, CF 1.5, Low Pulse Intr.
 Endo2 : Pulse output, 400 W at 300 Ω, CF 1.5, High Pulse Intr.
 Hydro : Continues output, 400 W at 300 Ω, CF 1.5, Rapid

MONOPOLAR COAG : SEVEN Modes : 460 kHz
 Soft : Continues output, 300 W at 300 Ω, CF 1.5, Low Volt
 Desiccate : Repetition Frequency 83 kHz, 200 W at 500 Ω, CF 4.0
 Swift : Repetition Frequency 53 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
 Hi-Spray : Repetition Frequency 13 kHz, 70 W at 500 Ω, CF 10.0
 Hydro : Repetition Frequency 29 kHz, 120 W at 500 Ω, CF 7.0, Rapid

BIPOLAR : FIVE Modes
Bipolar Cut Modes: 440 kHz
 Bip Cut : Continues output, 120 W at 100 Ω, CF 1.5, High Volt, Rapid
 Macro Cut : Continues output, 120 W at 100 Ω, CF 1.5, High Volt
Bipolar Coag Modes: 440 kHz
 Micro : Continues output, 120 W at 100 Ω, CF 1.5, Low Volt
 Standard : Continues output, 120 W at 100 Ω, CF 1.5, Medium Volt
 Force : Continues output, 120 W at 100 Ω, CF 1.5, High Volt

SALINE RESECTION : SIX Modes
Saline Cut Modes: 390 kHz
 Cut I : Continues output 300 W at 100 Ω, CF 1.5, Low Volt
 Cut II : Continues output 300 W at 100 Ω, CF 1.5, Medium Volt
 Cut III : Continues output 300 W at 100 Ω, CF 1.5, High Volt
Saline Coag Modes: 440kHz
 Soft: Continues output 200 W at 100 Ω, CF 1.5, Low Voltage
 Standard: Continues output 200 W at 100 Ω, CF 1.5, Medium Volt
 Force: Continues output 200 W at 100 Ω, CF 1.5, High Volt

VESSEL SEALING : TWO Modes : 440 kHz
 Fine Seal : Low Pulse output, 5 Levels, 150 W at 100 Ω, CF 1.5
 Rapid Seal : High Pulse output, 5 Levels, 150 W at 100 Ω, CF 1.5

PREM SYSTEM
 Measuring Frequency : 80 kHz ± 10 kHz, Measuring current : <10 μA
 Acceptable Rang : Dual Area : 5-135 Ω (Adaptive), Single Area : <10 Ω

FEEDBACK SYSTEM

- 3 Microprocessor Controlled 6SENSE Technology with sampling rate above 4000 sense/second
- Maximum output power deviation < 15% or 5 watts, whichever is greater at any setting with PER-98

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

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

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 : 1.5KVA

DIMENSIONS
 L x W x H in cm - 42.5 x 35.5 x 15.5, Weight in kg < 7.5

Note : Unit is available in other HF power ratings on request.

Features of **Shalya Vista**

LCD Touch Screen panel : for flexible use & upgradable with Internet Enable and Data Logging.

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 : Vessel Sealing up to 7mm with audio indication at completion or alarm if improper sealing.

Saline Resection Mode : Saline Plasma Bipolar Cut & Coag with with Non Saline activation Alarm.

Shalya RF Scalpel Mode (Upgradable) : Bipolar Coagulation & Cutting of Tissue by Shalya Bipolar Scalpel (Desiccator).

Auto Bip Mode (Optional) : Auto start & stop of Bipolar modes without activation.

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

2SiCoag (Optional) : Two Simultaneous coagulation output with independent control Independent power (Optional).

2 Pulse/Endo Cut Mode : Tissue feedback Pulse Interval controlled Pulse Cut for Polypectomy & Papillotomy.

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

User Programmable : 500 user settable programs with case names helps in setting the system.

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

Foot Switches / Pedals : Explosion Proof (Fire Resistance) and Water Proof Foot Pedals.

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,

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

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

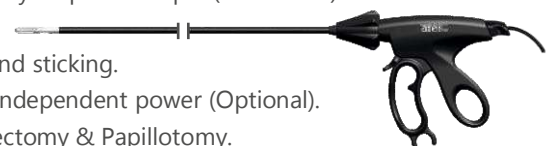
Vessel Sealing : Laparoscopic / Radical / Vaginal/ Abdominal Hysterectomy, Appendectomy, Colectomy, Cystectomy,

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

Saline Plasma Bipolar Resection : Bipolar TURP/ TCRC / Hysteroscopy / Arthroscopic Surgery.

Shalya range of Reusable Instruments

axer^ofive



5 mm reusable instruments with changeable blade



Sealing Clamp