

SHALYA®

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

High
Performance

SHALYA VesSeal®
with all Reusable Attachments

Excelling Through Excellence



CE 1299 ISO 9001 ISO 13485

XcelLance®
MEDICAL TECHNOLOGIES PVT.LTD.

SHALYA®

Complete range of electro surgical solutions...



Helping you make the right choice..

Technical Specifications of SHALYA VesSeal

POWER OUTPUT

Vessel Sealer - 460 kHz pulse sinusoid, 5 level, 150 Watt, 100 Ω, 4.2 Amp, CF 1.5, Vp-p-280 Volts

Micro Bip - 460 kHz sinusoid with lower output voltage 95 Watt 100 Ω, 2.1 Amp, CF 1.5, Vp-p-170 Volts

Macro Bip - 460 kHz sinusoid with higher output voltage 95 Watt 100 Ω, 2.1 Amp, CF 1.5, Vp-p-370 Volts

DESIGN STANDARD

Classification according to the EC- Directive 93/ 42/ EEC : II b
Protective class according to EN 60 601-1 : I
Type according to EN 60 601-1 : CF

INPUT POWER

Operating Voltage: 190-265 Volt AC,
(other ratings available on request)
Max. Power input : 1000 VA, Fuse : 4 A

FEEDBACK SYSTEM

- 3 Microprocessor Controlled 6SENSE Technology with sampling rate above 2000 sense/second
- Maximum output power deviation < 15% or 5 watts, whichever is greater at any setting with PER-97

LEAKAGE CURRENTS

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

DIMENSIONS

L x W x H in cm - 38.0 x 30.5 x 11.5
Weight in kg < 5.0

Features of SHALYA VesSeal

6SENSE Technology : System senses the tissue hold in instrument & appropriate amount of energy is delivered by continually sensing the tissue density to form the permanent seal.

Cool Seal : Innovative technology to seal the tissue vessel by applying calibrated pressure with RF energy. The Collagen & Elastin within the tissue vessel walls melt & restructure to forms translucent seal.

Sealing Program : auto-select is available as per the selected accessory & grasped tissue.

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

Tissue ReHold : Alarm "CL rEHOLd" is given if Insert is closed & "OP rEHOLD" in case of open.

Bipolar Cut & Coag : Independent Display setting with independent foot-switches.

Reusable Attachments : Laproscopic 5 & 10mm with changeable blade & open Sealer with various sizes.

Advantages of SHALYA VesSeal

- Minimum cost per case due to reusable attachments.
- All international sealing attachments acceptable.
- No tissue ticking & charring.
- No foreign material left behind after surgery.
- Independent Foot-switches for Sealer, Bipolar CUT & Bipolar COAG for simultaneous activation.
- It can be use to seal tissue up to 7mm.
- Minimal thermal spread to adjacent tissue.
- Independent attachment activation of Bipolar with Cut & Coag effect.
- Seal can withstand to 3 times normal systolic pressure.

Applications of SHALYA VesSeal

- Abdominal Hysterectomy • Adenlectomy • Appendectomy • Colectomy • Colon Resection • Cystectomy • Gastrectomy
- Gastric Bypass • Hemorrhoidectomy • Lap-Assisted Vaginal Hysterectomy(LAVH) • Liver Resection • Nephrectomy
- Nissen Fundoplication • Radical Hysterectomy • Radical Prostatectomy • Splenectomy • Salpingo-oophorectomy • Vaginal Hysterectomy

SHALYA Extended Range



SHALYA TURoSeal



10mm Reusable
instruments with
changeable blade



Coated Clamp

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3057, Bhandup Indl. Estate, Pannalal Compound, LBS Marg, Bhandup (W), Mumbai - 400 078, India • Tel : +91-22-2596 4645 / 3299 5113

Help Line : +91-9820329896 • Email : info@xcellancetech.com • Web : www.xcellancetech.com