



Add Hi-Tech Precision to your Surgical Expertise.



Excelling Through Excellence



Complete range of
Electro Surgical Solutions





Complete range of electro surgical solutions...

Technical Specifications of Kifer LX (100W)

MONOPOLAR AUTOCUT : Pure Sine wave

- Sp Cut - Programmable Pulse or continues output, 100 W at 300 Ω, CF 1.5
- Pure - Continues output, 100 W at 300 Ω, CF 1.5
- Blend - Bursts repeating at 29 kHz 55% ON cycle, 80 W at 300 Ω, CF 2.5

BIPOLAR : Pure Sine wave

- Micro - Lower output voltage, 40 W at 100 Ω, CF 1.5
- Macro - Higher output voltage, 40 W at 100 Ω, CF 1.5

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

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

MONOPOLAR COAG : Damped Sine wave

- Soft - Repetition Frequency 62 kHz, 60 W at 500 Ω, CF 5.0
- Fulgurate - Repetition Frequency 34 kHz, 60 W at 500 Ω, CF 7.0
- Spray - Randomized Repetition Frequency 34 kHz < f < 50 kHz, 60 W at 500 Ω, CF 8.0

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

PREM SYSTEM

Measuring Frequency : 85 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

INPUT POWER

Operating Voltage : 180-265 Volt AC, (other ratings available on request)
 Max. Power input : 1000 VA, Fuse : 4 A, UPS Backup : 1KVA

DIMENSIONS

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

Features of Kifer LX

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

PREM : Patient Return Electrode Monitoring - Safety against the Patient Return Electrode site burns.

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.

Bipolar Cut : Macro mode can be used for bipolar cutting with hooks and other cutting devices.

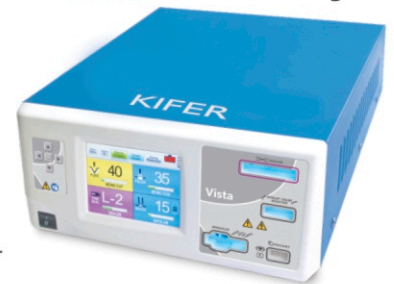
User Programmable : ONE Surgical Programs help in setting the system after power ON.

Soft/Desiccate Coag : Faster cutting with coagulation for thicker tissues & soft coagulation.

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

Surgical Applications : Useful for wide range of surgical application as : Plastic, Neuro, ENT, Spine, Ophthal, Laparo Surgery, Endo, GI, Ortho, Open & General Surgery, Onco, Gynecology, Hernia, GI Endocut, Papillotomy, Polypectomy, Under Water, Urology, Gynec TCRE, Hysteroscopy, Thoracotomy, Thoracic and Cardiac Surgery. Unit is suitable for all kind of Open, Endoscopic, Laparoscopic and Minimally Invasive Surgery

Kifer Extended Range



Kifer Vista



Kifer TURoSeal

We reserve the right to make alterations

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