

# SurgiStat™ II Electrosurgical Generator

## Versatility in Office-Based Electrosurgery

For general electrosurgery needs in the office, clinic, or emergency room, the Valleylab SurgiStat™ II generator provides exceptional performance, reliability, and safety benefits in a compact, easy to use unit.



### Ease

- Easy and quick to set up; compact and light
- Saves time with automatic access to previously used power settings and modes
- Provides precise surgical effect with power control dials

### Flexibility

- Performs most common office-based electrosurgical procedures
- Provides the ability to change power settings while activating the generator
- Includes both monopolar and bipolar outputs
- Accepts preferred accessories – standard 3-pin pencil, most standard footswitching devices (with adapter), and standard Valleylab monopolar footswitch (optional) – standard 2-pin bipolar footswitching devices

### Reliability

- Manufactured to the highest standards of quality in electrosurgical technology
- Ensures consistent clinical performance over a variety of procedures

### Safety

- Increased patient safety with a return electrode contact quality monitoring system (RECQMS). The RECQMS system continually monitors patient impedance levels and deactivates the generator if a fault in the patient/return electrode contact is detected.

# SurgiStat™ II Electrosurgical Generator

## Technical Specifications

### DIMENSIONS AND WEIGHT

Height: 14 cm (5.5 in.)  
 Width: 26 cm (10.25 in.)  
 Depth: 25.4 cm (10 in.)  
 Weight: < 6.5 kg (< 14 lbs)

### RF LEAKAGE

Bipolar < 39  $\mu A_{rms}$   
 Monopolar < 150  $\mu A_{rms}$

### INPUT POWER

110-120 Volts at 60 Hz

### PER = 86

PER (Power Efficiency Rating) is the measure of an electrosurgical generator's ability to accurately deliver the selected power into a wide range of tissue types.

### CONTROLS AND INDICATORS

#### Mode Selection:

Separate pushbuttons select modes (Cut or Blend; Desiccate, Fulgurate, or Bipolar)

#### Power Setting:

Dials adjust power in increments of 1 watt.

#### Audible Tones:

A continuous tone indicates activation; volume control is on the back panel. A dual tone, which is not adjustable, indicates an alarm condition; for example, compromised patient return electrode contact.

### RECEPTACLES

#### Front Panel:

RECQMS patient return electrode receptacle (RECQMS system requires a split-plate patient return electrode)

Receptacle for standard 3-pin handswitching pencils

Receptacle for standard footswitching devices with adapters

Receptacle for standard 2-pin bipolar footswitching devices

#### Rear Panel:

Receptacle for standard Valleylab monopolar footswitch

### OUTPUT CHARACTERISTICS

	Mode	Maximum P-P Voltage	Maximum Power (watts)	Crest Factor* (typical)
Monopolar Cut	Cut	2500	120	2.9
	Blend	3500	90	3.3
Monopolar Coag	Desiccate	4500	80	5.5
	Fulgurate	6500	40	7.7
Bipolar		2000	30	6.9

\* Crest Factor is an indication of a waveform's ability to coagulate bleeders without a cutting effect  $\pm$  20%.

### ORDER INFORMATION

CATALOG NUMBER	DESCRIPTION	ORDER QUANTITY
SurgII-20	Electrosurgical generator designed for office or clinic. Equipped with RECQMS.	1 each
E8002	Mounting Stand	1 each
E6008 / E6008B	Monopolar Footswitch control for both monopolar and bipolar activation	1 each

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