DRE EG 200a
Electrosurgical Generator

Equipment for the way *you* operate

Easy to use electrosurgical unit with mono/bipolar cut and coagulation

- Vibrant, easy-to-view digital display
- Monopolar cut and coagulation: Pure, blend and contact, and spray
- Bipolar cut and coagulation
- Three different audible signals
- User memory function (10 settings)
- Designed for safety and ease of use

Patient Return Electrode Monitoring System

Protects patients from potential burns due to inadequate contact to the dual return plate. The system is designed to deactivate the generator before an injury can occur. It detects a dangerously high level of impedance with the patient and constantly monitors the circuit for tissue-to-pad contact. An alarm will sound and the output will be automatically shut off in the event of a loss of contact.

Specifications

- Main Frequency: 400 kHz
- Repetition Rate: 25, 35 kHz
- H.F.L.C: Less than 150 mA
- L.F.L.C, Patient leads to ground: Less than 0.01 mA
- Chassis to ground: Less than 0.1 mA
- Power Source: 110/220 V, 50/60 Hz
- Dimensions [H x W x D]: 137 mm x 300 mm x 370 mm
- Weight: Approx 17 kg

1800 Williamson Ct. • Louisville, Kentucky 40223 USA
800-477-2006 • 502-244-4444 • FAX: 502-244-0369

www.dremed.com

DRE

DRE EG 200a
Electrosurgical Generator

Equipment for the way *you* operate

Technical Specifications

Main and line frequency ..... 110 or 220VAC(±10%)/ 50 or 60Hz
See the label on rear panel for correct information

Fuses ..... Two of F4.0A, 250V for 220VAC
Two of F8.0A, 250V for 110 VAC

Power Consumption 800VA

Protection Class ..... Class 1, Type CF

IPX ..... Main Unit: IPX1, Stepper Switch: IPX8

Carrier Frequency 400, 482KHz

Repeat Frequency 33KHz

Low Frequency Leakage Current ..... EN60601-1 [1990] Requirement

High Frequency Leakage Current ..... Less than 150mA

Operating Conditions ..... 10° C - 40° C, 30% ~ 85% noncondensing, 700mbar ~ 1060mbar

Storage Conditions ..... 10° C - 60° C, 30% ~ 95% noncondensing, 700mbar ~ 1060mbar
700 mbar ~ 1060 mbar

Transportation Conditions ..... 10° C - 60° C, 30% ~ 95% noncondensing, 700mbar ~ 1060mbar
Do not drop the unit higher than 50cm. Don't use a hook.

Installation Conditions ..... 5cm clearance required on each side of unit for cooling

Cooling ..... 1 fan mounted

Duty Cycle ..... 10 sec ON, 30 sec, OFF
(Output for 10 seconds, pause for 30 seconds)

Dimensions (H x W x D) 137mm, 300mm, 395mm

Weight ..... Approx. 13Kg

APG ..... Not AP/APG device
Equipment is not suitable for use in the presence of a flammable anesthetic mixture with or with oxygen or nitro oxide

Operation Sound ..... Difference in operation sounds between cutting and coagulation.

Operation Display ..... Visible difference in operations between cutting and coagulation.

Operating Modes and Output parameters			TOLERANCE: ± 20 %
Output Mode	Carrier Frequency, Repeat Frequency	Output RF Power	Load Resistance
Pure	400kHz	8 ~ 200W	500Ω
Blend	400kHz, 33kHz	8 ~ 150W	300Ω
Contact	400kHz, 33kHz	5 ~ 80W	300Ω
Spray	400kHz, 33kHz	5 ~ 70W	500Ω
Bi-Cut	482kHz	1 ~ 80W	200Ω
Bi-Coag.	482kHz	1 ~ 70W	100Ω

All parameters listed can change without notice

1800 Williamson Ct. • Louisville, Kentucky 40223 USA
800-477-2006 • 502-244-4444 • FAX: 502-244-0369
www.dremed.com

DRE