

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



DRE EG 200a

Electrosurgical Generator

Equipment for the way you operate

Technical Specifications 110 or 220VAC(±10%)/ Main and line frequency 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 1, Type CF 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 $^{\circ}$ C - 40 $^{\circ}$ C, 30% $^{\sim}$ 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

