High Frequency Surgical Equipment

Introduction:



High frequency surgical equipment is a surgical device integrating multiple operating modes. Based on microcomputer technology, it features complete functions, reliable performance, easy operation, stability and safety. Used together with high frequency surgical accessories in medical institutions, the equipment is applied for routine cutting and coagulation of human tissues during surgical procedures.

Features:

* It has six operating modes: monopolar pure cut, blend cut 1, blend cut 2, blend cut 3, monopolar coagulation and bipolar coagulation.
* The operating modes and output power can be adjusted via the control panel, and the set output value is displayed by LED digital tubes. The setting and display for cut and coagulation functions operate independently on this unit. The setting and display are shared between monopolar coagulation and bipolar coagulation, which requires mode switching for use.
* It is equipped with two output ports: one for hand-controlled output and the other for foot-controlled output. Bipolar coagul ation output is controlled by a foot switch.
* The output is controlled by a microcomputer dual closed-loop system. The unit is equipped with a neutral electrode contact quality monitoring system (CQM). When used with a split-type neutral electrode, it can prevent plate burns.
* It is equipped with continuity detection for single-plate neutral electrode. Audible and visual fault alarms will be triggered if the connecting circuit of the single-plate electrode is open-circuited, ensuring safe, stable and reliable operation of the equipment.
* It is provided with corresponding indicator lamps for power-on, mode selection and plate selection. In addition, it has cut and coagulation activation indicator lamps (yellow and blue) and prompt tones (different frequencies for cut and coagulation, as well as for monopolar and bipolar modes). It also incorporates a plate fault indicator lamp (red) with fault prompt tone.

Technical Parameters:

Model	BKHFE-350D
Operating Ambient Temperature	10℃~40℃
Operating Relative Humidity	≤80%
Atmospheric Pressure	700hPa~1060hPa
Monopolar	512 kHz
Bipolar	512 kHz
Power Supply	AC220V, 50/60Hz; 110V, 50/60Hz (Optional,external transformer)
External Size(W*D*H)	400mm*490mm*200mm
Packing Size(W*D*H)	550*590*350mm
Net Weight	12.5kg
Gross Weight	20kg

Output Parameters:

Operating Mode	Monopolar Pure Cut	Monopolar Blend 1	Monopolar Blend 2	Monopolar Blend 3	Monopolar Spray Coag	Bipolar Coag
Operating Frequency (kHz)	512	512	512	512	512	512
Rated Power (W)	350	250	200	120	120	50
Rated Load (Ω)	500	500	500	500	500	100
Max. Output Voltage (V)	1800	3000	3000	3000	3000	250
Crest Factor (Cf)	1.7	3.8	4.3	5.1	5.0	1.8
Modulation Frequency (kHz)	/	32	32	32	32	/
Max. Output Current (mA)	850	700	650	500	450	700

BIOBASE
E-mail: export@biobase.com
www.biobase.cc / www.biobase.com