

Product Overview

The top-of-the-line ERBE ICC 350 Electrosurgical Unit heads ERBE's family of units for HF surgery. They've given it one-of-a-kind functionality for all-around use, with the features and abilities developed in close teamwork with leading surgeons from many different medical disciplines. The ICC 350 has received worldwide attention and recognition; it is a step forward from conventional surgical methods and opens the way for new ones. The ERBE ICC 350 Electrosurgical Unit is the best model for monopolar and bipolar cutting and coagulation. It's the universal, high-performance unit with the wide range of functions for every area application. Easy to use, with easy key-touch activation of complete settings for the whole unit (11 individual programs can be stored at the same time).



ERBE ICC 350 Electrosurgical Unit

Features

- General surgery
- Dermatology
- Endoscopy
- Gastroenterology
- Vascular Surgery
- Gynecology
- Neurosurgery
- Plastic Surgery
- Oral surgery

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Note: The technical data given in this publication is for general information and is subject to change without notice. Actual configuration on the unit may vary. Contact our sales representatives for a complete list of details.



Seattle Technology
3915 152nd St NE
Marysville, WA 98271
1.800.827.3747
stsurg.com

Specifications

Dimensions

Dimensions (W x H x D): 410 × 152 × 368 mm

Weight: 10.0 kg

Electrical

Rated power voltage:

240V/230V/115V/110V/100V± 10%

Rated power frequency: 50/60 Hz

Power current: 4.0 A at 230 – 240 V/8.0 A at 100-115 V

Power consumption in Standby mode: 25 watts

Power consumption at max. HF power: 620 watts

920 VA

Current consumption in Standby mode: 150 mA at 230
– 240V/300 mA at 100-115 V

Potential equalization terminal: Yes

Power fuses: 2 slow burn, 4 A at 230 – 240 V/8 A at
100-115 V

Cutting

HF power adjustment: With up/down increment keys

The form of HF voltage: Sine-shaped

The nominal frequency of HF voltage: 330 kHz

Cutting quality: 4 coagulation effects, selectable by key

The constancy of the coagulation effects:

Automatically regulated

Cutting Continued

Support for initial incision and cutting: PPS,

PowerPeakSystem

Monopolar AUTO CUT: With automatic voltage control

Monopolar HIGH CUT: with automatic arc control

Nominal HF output: 300 watts at 500 ohms

Peak HF power with PPS: 400 watts at 500 ohms

Monopolar ENDO CUT: 200 watts at max 200 ohms

BIPOLAR AUTO CUT: With automatic voltage control

Nominal HF output: 100 watts at 500 ohms

Coagulation

HF power adjustment: With up/down increment keys

Monopolar SOFT COAG

Form of HF current: Sine-shaped

Nominal frequency of HF voltage: 300 kHz

Nominal HF output: 120 watts at 125 ohms

End of coagulation: with Pedal or AUTO STOP

Monopolar FORCED COAG

Form of HF current: Pulse-modulated

Nominal frequency of HF voltage: 1 MHz

Nominal HF output: 120 watts at 350 ohms

Specifications Continued on Next Page

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Monopolar SPRAY COAG

Form of HF current: Pulse-modulated

Nominal frequency of HF voltage: 1 MHz

Nominal HF output: 120 watts at 500 ohms

Biopolar COAG

Form of HF current: Sine-shaped

The nominal frequency of HF voltage: 330 kHz

Nominal HF output: 120 watts at 125 ohms

Start of coagulation: By foot pedal or AUTOSTART

End of coagulation: By foot pedal or AUTO STOP

Safety Precautions

Safety class: I, corresponds to DIN IEC 601-1

Type: CF, corresponds to DIN IEC 601-1

Software check of LF leakage current, $I_{critical}$: 0.05mA

(only with capacitive grounding)

Software check of HF leakage current, $I_{critical}$: 150

mA/300MA

NESSY: Neutral electrode Safety System

Neutral electrode switching: Switch-selectable

capacitively grounded or with floating power

Self-Check: Includes all safety-related subassemblies

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