



The ESG-400 provides unrivalled resection power as well as access to revolutionary surgical tissue management technology in the future – including modes for bipolar prostate and transcervical resection or advanced energy systems. It is also part of the THUNDERBEAT system.

Offering maximum performance, safety and simplicity for all your surgical HF applications, the latest generation ESG-400 universal HF generator provides you with unrivalled resection power as well as access to revolutionary surgical tissue management technology in the future.

## Features

- Universal HF Generator
- 4 output sockets for monopolar and bipolar HF
- Special “High Power Cut” mode for instant plasma ignition and start of cutting
- Unique, “fast spark monitor” to allow for a controlled, clean cut regardless of the tissue conditions
- Unique bipolar resection function
- 4.000 measurements per second monitoring Current, Impedance and Voltage
- Autostart and Autostop function
- Constant monitoring system for patient plate
- EndoAlpha compatible



# Specifications

## Dimensions

Size:(W x D x H)370 x 465 x 156 mm

Weight: 12.5 kg

## Out Put

High frequency functions Monopolar / Bipolar

High frequency 430 kHz  $\pm$ 20%

Maximum high frequency power 320 W

All modes 25% duty cycle

RFCoag (with or without RCAP) 100% duty cycle

## Power Supply

Voltage range 100...120 V~ / 220...240 V~

Frequency 50 / 60 Hz

Maximum input power 1500 VA

Power fuse 10 A (only FST-series from Schurter)

Terminal for potential equalization Yes

## Sockets

MONOPOLAR 2 x 3-pin ( $\varnothing$  4 mm), International standard

MONOPOLAR 1 x 1-pin ( $\varnothing$  8 mm), Bovie standard

MONOPOLAR 1 x coaxial ( $\varnothing$  inner 5 mm /  $\varnothing$  outer 9 mm), Erbe standard

BIPOLAR 1 x 2-pin ( $\varnothing$  4 mm, pin spacing 28.8 mm), International standard

BIPOLAR 1 x coaxial ( $\varnothing$  inner 4 mm /  $\varnothing$  outer 8 mm), Erbe standard

UNIVERSAL 1 x 7-pin, Olympus standard

Neutral electrode 2-pin standard, single or split