

ERBE VIO 300D



ABOUT

The ERBE VIO 300 D is designed for user-friendly operation with a simple plug-in setup. It delivers precise power control in both cut and coagulation modes, ensuring safety with low energy dosages. It's Power Peak System (PPS), optimizes power delivery at the start of cutting to maintain consistent contact between the cutting tool and tissue. The Spark Recognition technology detects micro-electric arcs (sparks) to regulate cutting length and quality, providing reproducible results in both high- and low-voltage conditions. The VIO 300 D functions effectively as a standalone generator but also supports modular expansions.



FEATURES

Precise Power Output, automatically adjusts to specific indications, delivering enhanced performance for different surgical applications.

Enhanced Functions, improved cutting (CUT) and coagulation (COAG) capabilities ensure effective and efficient tissue management during procedures.

Customizable Configuration, modular sockets and specialty upgrades provide flexibility, allowing the system to adapt to different surgical environments and needs.

User-Friendly Interface, offering a safe and interactive operation for ease of use during complex surgeries.

Quick Startup, configurable programs and plug-and-play functionality allow for rapid setup.

Remote Control, the ReMode function allows flexible footswitch assignment from the sterile field, improving operational efficiency and patient care.



SPECIFICATIONS



DIMENSIONS

Width: 16.14 in (41 cm)
Height: 6.5 in (16.5 cm)
Depth: 14.96 in (38 cm)
Weight: 20.94 (9.5 kg)

OPERATING MODE

Intermittent Operation: ON time 25% (e.g. activated for 10 sec. / deactivated for 30 sec.)

AMBIENT CONDITIONS FOR TRANSPORT AND STORAGE OF UNIT

Temperature: -40 °C to +70 °C
Relative Humidity: 10 % – 95 %

AMBIENT CONDITIONS FOR OPERATING THE UNIT

Temperature: +10°C to +40°C
Relative Humidity: 15% - 80%, non-condensing

POWER OUTPUT

Maximum cut power: 300 watts at 500 Ohm
Maximum COAG power: up to 200 watts
NE safety system: NESSY
Frequency: 350 kHz

POWER CONNECTION

Line voltage 100 V – 120 V / 220 V – 240 V ± 10 %
Power frequency 50 / 60 Hz
Line current max. 8 A / 4 A
Power consumption in standby mode 40 watts
Power consumption at max. HF power 500 watts / 920 VA
Potential equalization connection Yes
Power fuse T 8 A / T 4 A