

erbe
power your performance.



VIO® 300 D
The electrosurgical system for
interventional endoscopy

VIO® 300 D: Premier electrosurgical generator for interventional endoscopy



With the VIO® 300 D electrosurgical system, Erbe has set innovative standards aimed at providing optimal endoscopic patient outcomes. Advanced spark recognition technology and automatic dosing of power continue to make the VIO® 300 D the preferred choice.

As a stand alone generator, the VIO® 300 D is the foundation for endoscopic procedures and can be built upon to provide a modular system which supports the simplest to the most advanced interventions.

User-friendly features

PROPRIETARY VOLTAGE AND SPARK CONTROL

- ✔ **Constant Voltage Regulation with Power Dosing automatically delivers lowest effective adjusted power output in all modes, including both CUT and COAG**
 - Power Peak System™, PPS, offers optimal support during the initial cutting stage, especially low contact impedance situations, allowing the electrode to start in contact with target tissue without cutting delay
- ✔ **Spark Recognition automatically detects the formation of micro-electric arcs (sparks) for controlled and reproducible cuts, e.g. length and quality**
 - Spark regulation (micro-electric arcs) for reproducible, efficient cuts in tissue with a high or extremely low impedance

Plug and play

VIO®'s unique plug and play digital instrument recognition technology automatically configures the entire system to your individual needs and pre-programmed procedural parameters.

ReMode®

With the ReMode® activation feature, Erbe has developed a "remote control" for even greater convenience. Using the VIO® footswitch, you can alternate independently between pre-selected instruments and anatomy settings autonomously – without staff adjustments.

Full-color user interface with unique viewing features

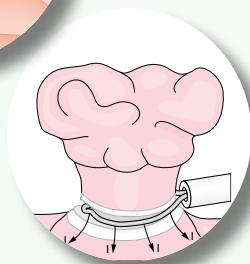
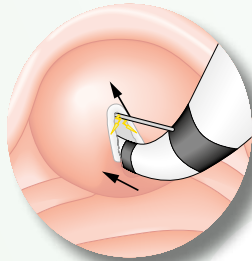
FocusView: reduces the visual information to the essentials, simplifying the operation of the unit.

PreView: graphic depiction of tissue effects with different parameters in real time, shown on the display prior to activation. A power meter displays real time power output during and throughout activation.

Customizable waveforms & modes for therapeutic intervention

CUT Cutting results are largely independent of the cutting speed, the shape of the electrode and the tissue type.

- DRY CUT™
- AUTO CUT®
- ENDO CUT® I
- ENDO CUT® Q



COAG Power adjustment as a result of voltage control for reproducible coagulation with optimally adjusted output.

- SWIFT COAG®
- SOFT COAG®
- FORCED COAG™
- BIPOLAR SOFT COAG™

Features offering convenience



VIO® 300 D

Product data

REF No.	
10140-100	VIO® 300 D electrosurgical generator
20189-305	VIO® two pedal footswitch w/ReMode® w/bracket
Optional	
20183-053	Adapter for BICAP or Gold Probe™
20193-084	NESSY® Omega monitoring pad with cable (50 per case)
20180-000	VIO® Cart with footswitch holder, cable wrap and 1 tank fixation kit
20180-010	VIO® Cart wire basket
20180-131	VIO®/APC® 2 to VIO® Cart fastening set (with grounding cable)

General technical data

Power output	
Maximum CUT output	300 watt at 500 ohm
Safety system	NESSY
Frequency	350 kHz
Maximum COAG output	up to 200 watt
Power connection	
Rated Supply Voltage	100 V - 120 V
Power frequency	50 / 60 Hz
Power input during stand-by	40 Watts
Power input during max RF output	500 watt / 920 VA
Line Current	8 A
Dimensions and weight	
Width x Height x Depth	16.1" x 6.5" x 15.0"
Weight	20 lbs. 17 oz.
Ambient conditions for operation of unit	
Temperature	+10°C to +40°C / +50°F to +104°F
Relative humidity	15% - 80%, non-condensing

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