



INCOMING CLINICAL /BIOMEDICAL CHECK/VERIFICATION FOR ERBE VIO 3 ELECTROSURGICAL UNIT (ESU)

Dear Clinical Engineering Personnel,

Congratulations on your decision to use Erbe's newest electrosurgical device for your clinical applications. The VIO® 3 is a high-end generator for universal use which follows the workstation philosophy of the VIO® 300 D and VIO® 200 S electrosurgical devices.

The VIO® 3 is equipped with "Consistent Voltage Control" Technology which regulates the modes to a constant voltage level, continually adapting the output power to changing parameters (i.e., tissue resistance). This control technology results in reproducible tissue effects in combination with highly precise recording of measurements. For this reason, one fixed load per output mode is utilized for your incoming output verification of this device as indicated in the table below.

VIO 3 ESU Output Matrix

Mode	Settings	Analyzer Load [Ohms (Ω)]	Tolerance Ranges
AUTO CUT®	Effect 10	300 Ω	288 – 400 Watts
DRY CUT™	Effect 10	300 Ω	160 – 240 Watts
FORCED COAG®	Effect 10	300 Ω	96 – 144 Watts
SPRAY COAG®	Effect 10	500 Ω	115 -173 Watts
BIPOLAR FORCED COAG®	Effect 10	100 Ω	96 – 144 Watts

If you have any questions or concerns, please contact our Technical Services Department at (800) 778-3723 between the hours of 8:30 am to 5:00 pm, Monday through Friday. A service support staff member can be reached outside normal business hours, including weekends, by following the prompt on the after-hours recording. Emails can also be sent to technicalsupport@erbe-usa.com.