



> Your system.
Your way.

VIO, the only system with a brain... and a pulse.



Finally, an argon plasma coagulator that provides the control you need, the way you need it.

Only ERBE VIO features APC PULSED Mode. This “smart” feature auto-regulates beam ignition and provides automatic dosing of power for increased confidence.

Advantages of PULSED:

Diverse Effects – *PULSED mode gives you the option of choosing PULSED 1 or PULSED 2, enabling an expanded range of coagulation effects and offering greater control.*

Consistent Coagulation – *Even at low power settings PULSED offers a homogeneous beam of coagulation.*

Simplified Control – *Reduces the need for constant footpedal interaction, allowing you to focus more on target tissue areas.*

Does your APC system
have a pulse?

“PULSED Modes were very impressive, and the ability for very superficial depth of tissue injury with the rapid pulse (PULSED 2) was readily apparent. I have subsequently used that mode to treat arteriovenous malformations in the cecum with great results. Similarly, I think the slow pulse (PULSED 1) will be quite useful in treating diffuse angioectasias in conditions like watermelon stomach or radiation proctopathy. This is the technology of the future.”

– Dr. Jerome Wayne
New York, NY

VIO SYSTEM

Finally, an argon plasma coagulator/electrosurgical system developed for you, *by you*.

At ERBE, we listened to the needs of physicians to develop the revolutionary VIO System, with unparalleled flexibility for maximum physician control and optimal patient outcomes. VIO offers improved regulation and automatic dosing of power, more precise CUT and COAG functions, and three NEW proprietary APC programs – **PULSED™ APC**, **FORCED™ APC** and **PRECISE™ APC** – you get the control you need, the way you need it.

The VIO System offers variable expansion options so you can choose from the basic electrosurgical unit, or the complete universal workstation – or anything in between. Customized system configuration is easy with the fully integrated flash microprocessor technology, which can be programmed for your individual work style, for a specific procedure or for a medical specialty.

VIO can reduce setup time, while maintaining optimal patient results. Simply insert your

instrument into a receptacle, and VIO's unique Plug and Play digital instrument recognition technology automatically configures the entire system to your preprogrammed procedural parameters. And, with the optional ReMode footswitch or the ReMode button on the APC handpiece, you can easily toggle between modes for desired tissue effect.

Using an APC/electrosurgical system has never been easier or more efficient.

- *VIO's physician interface is logical, simple and interactive.*
- *The Focus View display shows only the parameter settings, receptacles and instruments currently in use.*
- *The Unique Preview Function allows you to adjust settings and graphically preview how the target tissue may be affected.*

Whether your needs are for endoscopic or open procedures, VIO gives you flexibility, control and ease-of-use, so you can give your patients the highest quality care available.

Allows integration of most commonly used electrosurgical accessories and devices.



VIO can be programmed according to anatomy, specific procedure or individual physician.




Unique Preview Function has icons to graphically illustrate in advance how target tissue might be affected.



Automatic Dosing of Power – As much as you need, as little as possible. Screen displays both maximum and average power used during activation.

Meeting your endoscopic
needs since 1992.

Intuitive. Customizable. Expandable.

- 
- RECEPTACLE MODULES
- VIO SYSTEM GENERATOR
- ACTIVE DISPLAY MODULE WITH SELECT BUTTONS
- ADJUSTMENT BUTTONS
FOR OPTIMAL CUSTOMIZATION
- ARGON PLASMA COAGULATOR
- SLEEK-DESIGNED CART
HOLDS ARGON TANK INSIDE

{ THE VIO ADVANTAGE }

- > *Easy to configure individually to meet the requirements of different medical specialties, indications and procedures.*
- > *Modular system offers greater flexibility for expansion as your needs change.*
- > *New and improved CUT and COAG functions offer more precision.*
- > *ReMode function: easy to toggle between modes for desired tissue effect.*
- > *Standalone generator for all non-argon coagulation endoscopic procedures.*
- > *Optional ENDO CUT IQ for spincterotome and snare procedures.*
- > *Full-color screen user interface.*

FOOTSWITCH WITH
REMODE BUTTON

WIDE, ROLLING WHEELBASE
FOR OPTIMAL UNIT MOBILITY



{SPECIFICATIONS}

GENERAL TECHNICAL DATA-VIO SYSTEM

VIO 300 D ESU Generator

Power connection

Rated supply voltage	100 V – 120 V
Rated supply frequency	60 Hz
Line current	8 A
Power input in standby mode	40 watts
Power input with max. HF output	500 watts / 920 VA

Dimensions and weight

Width x height x depth	16.1" x 6.5" x 15.0"
Weight	21.06 lbs

Ambient conditions for operation of unit

Temperature	+10 C to +40 C / 50 F to 104 F
Relative humidity	15% – 80%, non-condensing

Acclimatizing

If the unit has been stored or transported at temperatures below + 10 C / 50 F, in particular under 0 C / 32 F, the unit will require approximately three hours to acclimate at room temperature.

Standards

Protective class according to UL 2601-1	I
Classification according to EC Directive 93/42/EEC	II b

APC 2 Argon Plasma Coagulator

Gas specification

Gas type	Argon 4.8 (99.998%)
----------	---------------------

Gas-specific device data

Variable gas flow	0.1 – 8 l/min limited by the instrument attached, adjustable in 0.1 increments
Purging flow	Depending on the instrument (corresponds to the setpoint flow of the instrument that is currently connected)
Purging time	3 sec.

Dimensions and weight

Width x height x depth	16.1" x 3.1" x 14.6"
Weight	10.6 lbs.

VIO Mobile Cart

Width x height x depth	24.8" x 37.0" x 25.6"
Weight	63.8 lbs

ERBE
USA INCORPORATED
Surgical Systems

2225 Northwest Parkway
Marietta, GA 30067 USA
www.erbe-usa.com
EMAIL sales@erbe-usa.com

CUSTOMER SERVICE
800.778.3723