

  
HIGH-  
PERFORMANCE  
WORKFLOWS

  
COMPLEXITY  
SIMPLIFIED

  
FAMILIARITY

  
FUTURE-PROOF  
PLATFORM

  
VIO® 3n  
Tailored to sync with you

# Level up with Erbe

Discover the latest additions to our VIO® 3 family of electro-surgical generators, designed to sync with your clinical workflows. Choose from three devices, each tailored to your clinical challenges.

# VIO® 3n - Tailored to sync with you

## Future-proof platform

Updates & upgrades keep you at the forefront of treatment options.

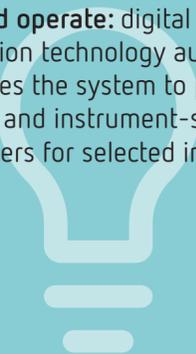
- **Future-proofed:** the system allows for future software updates and/or upgrades to provide continuous improvements and access to the latest performance and clinical applications.
- **VIO® 3n has the right mode for various applications and clinical specialties:** it supports monopolar and bipolar techniques, as well as proprietary Erbe hybrid technology.
- **High level of reliability:** ensured by our after-sales services such as maintenance and service training.



## Complexity simplified

Streamlined control via preselected modes and an intuitive user interface with stepGUIDE.

- **Preprogrammed experienced starting settings:** for use in various clinical applications with the intent of requiring fewer setting adjustments or modifications.
- **Multilingual stepGUIDE:** provides enhanced, user-friendly operation with a logical and intuitive interface customized for clinical application.
- **Improved system notifications:** supports clinical and non-clinical staff during setup and applications.
- **Plug and operate:** digital instrument recognition technology automatically configures the system to predefined settings and instrument-specific parameters for selected instruments.



## Familiarity

Seamlessly fits into your existing workflow and instrument portfolio.

- **CUT and COAG modes established by VIO® 3:** offering more precision with incremental effect settings to fine-tune target tissue effects. The modes are optimized for the latest hardware on VIO® 3n.
- **Individual settings:** can be saved in a program structure with up to 1500 storage positions.
- **Versatile sockets:** allow the use of most standard instruments.



## High-performance workflows

Safety systems for optimal patient treatment.

- **NESSY® System:** provides an enhanced safety profile through dynamic, patient-specific neutral electrode monitoring of patient impedance levels and neutral electrode orientation.
- **Precise control:** proprietary software algorithms and state-of-the-art microprocessor technology measure the target tissue more than 25,000,000 times per second.
- **Power Peak System, PPS:** offers optimal support during the initial cutting stage, especially in low contact impedance situations, allowing the electrode to start in contact with target tissue without cutting delay.



erbe



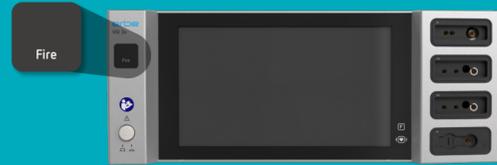
**WHICH CONFIGURATION FITS YOU BEST?**



# Which configuration fits your clinical needs?

All three configurations support your procedures with the known endoCUT® Q & I modes as well as pre-selected CUT, COAG and dissection modes tailored to your specialty.

VIO® 3n Fire and VIO® 3n Metal also enable non-contact argon plasma coagulation for advanced bleeding management.



## VIO® 3n Fire

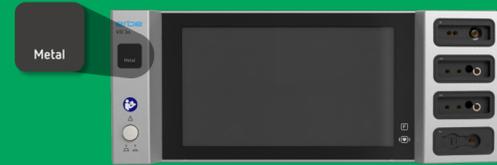
Designed for GI and pulmonology procedures at the highest level

Perfectly combinable with FiAPC® probes and proprietary Erbe hybrid instruments such as HYBRIDknife® flex and HybridAPC, e.g.

- Underwater interventions
- 3rd space endoscopy interventions

### Compatible modules

- APC 3
- ERBEJET® 2
- ERBECRYO® 2
- EIP 2



## VIO® 3n Metal

Designed for advanced GI procedures

Perfectly combinable with FiAPC® probes and HybridAPC for procedures such as

- EMR
- Post-EMR margin/resection bed ablation

### Compatible modules

- APC 3
- ERBEJET® 2
- EIP 2



## VIO® 3n Stone

Designed for day-to-day, routine interventions

Compact design makes it suitable for applications in outpatient settings, e.g.

- Polypectomy
- Papillotomy/Sphincterotomy

### Compatible modules

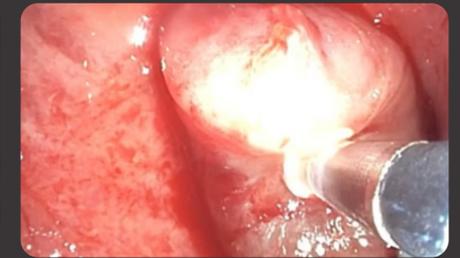
- EIP 2

# Ride the Erbe wave

Watch our application videos to see the tissue effects of our high-performance modes in action.



Tissue ablation for metal stent ingrowth with APC 3 using FiAPC® probe 2200A in forcedAPC mode



Central airway snaring using endoCUT® Q and cryoextraction of the resected tumor

## WATCH MORE APPLICATION VIDEOS NOW

## Dive deep with underwater EMR and our new mode endoCUT® U

Developed for "underwater" applications, this mode enables fast and reliable incisions, provides a reliable, reproducible and homogenous hemostatic effect, and allows precise control of the cut.

- endoCUT® U features an improved initial cutting phase for incisions "under water" and is optimized for low-impedance environments, e.g. in saline solution. The mode ensures visibility under liquid while providing appropriate hemostasis and reliable cutting.
- The fractionated, voltage-controlled cutting mode allows adjustment of the hemostasis effect as well as the tempo of the cut and coagulation rhythm and the sharpness of the cut.

**MORE INFORMATION ON OUR WEBSITE**

## Compatible instruments

Many of our standard instruments are compatible with the new VIO® 3n configurations. Here's a curated selection.



## Compatible submodules and accessories



curated selection

# Available modes

Modes	VIO® 3n Fire	VIO® 3n Metal	VIO® 3n Stone
autoCUT	X	X	X
autoCUT bipolar	X	X	X
highCUT	X		
dryCUT	X		
endoCUT I	X	X	X
endoCUT Q	X	X	X
endoCUT U	X		
softCOAG	X	X	X
softCOAG bipolar	X	X	X
forcedCOAG	X	X	X
swiftCOAG	X	X	
sprayCOAG	X		
preciseSECT	X		
twinCOAG	X		
forcedAPC	X	X	
preciseAPC	X	X	
pulsedAPC	X	X	
senseAPD	X		
autoCUT argon	X		
highCUT argon	X		
dryCUT argon	X		
swiftCOAG argon	X		
preciseSECT argon	X		
twinCOAG argon	X		

# Technical specifications

Power connection	
Rated supply voltage	100 V - 240 V AC ± 10%
Rated supply frequency	50 Hz/60 Hz
Line current (averaged)	100 - 120 V AC: 4.9 A 220 - 240 V AC: 2.1 A
Power input in standby mode	100 - 120 V AC: < 19 W 220 - 240 V AC: < 19 W
Power input with max. HF output	100 - 120 V AC: < 455 W 220 - 240 V AC: < 455 W
Terminal for grounding (potential equalization)	Yes
Power fuses	F 6.3 A H / 250 V AC

Operating mode	
Discontinuous operation	Duty cycle 10 s ON / 30 s OFF

Ethernet	
Ethernet	RJ45 1 Gbit (deactivated by default)

Programs	
Number of programs	1500 max.

Dimensions and weight	
Width × height × depth	410 × 165 × 381 mm
Weight	8 kg
Display size	10.1 inch

Ambient conditions for transport and storage	
Temperature	-29°C to +60°C
Relative humidity	15 - 85%

Ambient conditions for operation	
Temperature	+10°C to +40°C
Relative humidity	15 - 85%, non-condensing
Air pressure	54 - 106 kPa
Maximum operating altitude	5000 m above sea level

Standards	
Classification according to Regulation (EU) 2017/745	II b
Protection class as per EN 60 601-1	I
Type as per EN 60 601-1	Defibrillation-proof type CF applied part
IP code	IP2X

Gastroenterology workstation  
VIO® 3n Fire, APC 3, ERBEJET® 2 and EIP 2  
on SystemCarrier performance



## HOW TO SETUP VIO® 3N