

SURGERY

erbe
power your performance.

VIO® 3n & VIO® seal

Tailored to sync with you

Level up with Erbe

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


FAMILIARITY


HIGH-
PERFORMANCE
WORKFLOWS

FUTURE-PROOF
PLATFORM

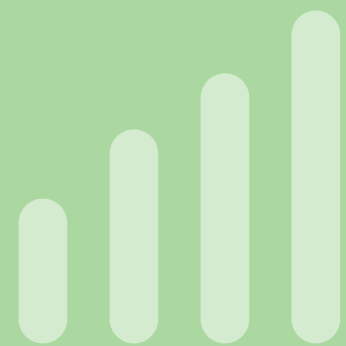

COMPLEXITY
SIMPLIFIED

VIO® 3n – Tailored to sync with you

Future-proof platform

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

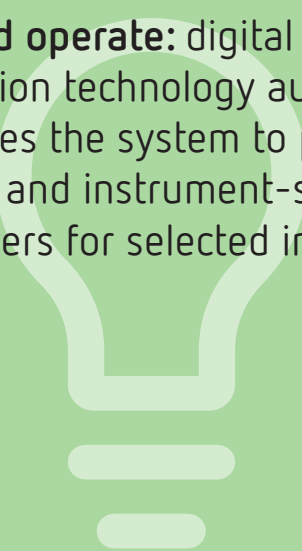
- **Future-proofed:** the system allows for future software updates and/or upgrades to provide continuous improvements and access to the latest performance and clinical applications.
- **VIO® 3n has the right mode for various applications and clinical specialties:** it supports monopolar and bipolar 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.



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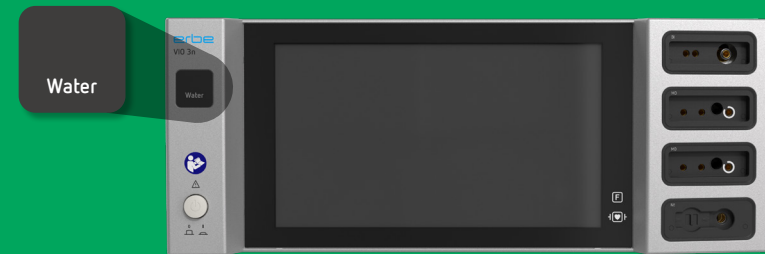


**WHICH CONFIGURATION
FITS YOU BEST?**

Which configuration fits your clinical needs?

Preselected CUT, COAG and dissection modes tailored to your specialty

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VIO® 3n Water

Your go-to device for the multidisciplinary OR and simultaneous bipolar activation

Simultaneous bipolar activation when combined with VIO® seal, e.g.

- DIEP flap, LASH, hysterectomy, thyroidectomy

Versatile for multiple procedures

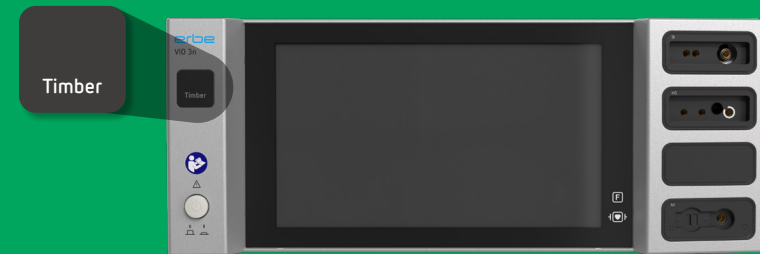
- Simultaneous monopolar activation

Perfect combination with APCapplicator e.g.

- Liver surgery, cholecystectomy, treatment of endometriosis

Compatible modules

- VIO® seal, APC 3, IES 3, ERBEJET® 2, ESM 2



VIO® 3n Timber

Designed for everyday procedures in surgery

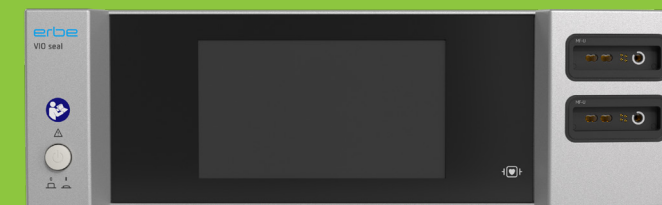
Compatible with a wide range of standard instruments

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

- Cholecystectomy, hernia treatment, C-section

Compatible modules

- VIO® seal, IES 3



VIO® seal

Generator entirely dedicated to bipolar applications

Pair VIO® seal with other VIO® generators to create a state-of-the-art workstation for surgical environments, e.g.

- DIEP flap
- Hysterectomy
- Thyroidectomy

Combines perfectly with our latest tripolar dissector TriSect® rapide and our advanced BiClamp® vessel-sealing technology

Compatible modules

- VIO®, EIP 2, IES 3

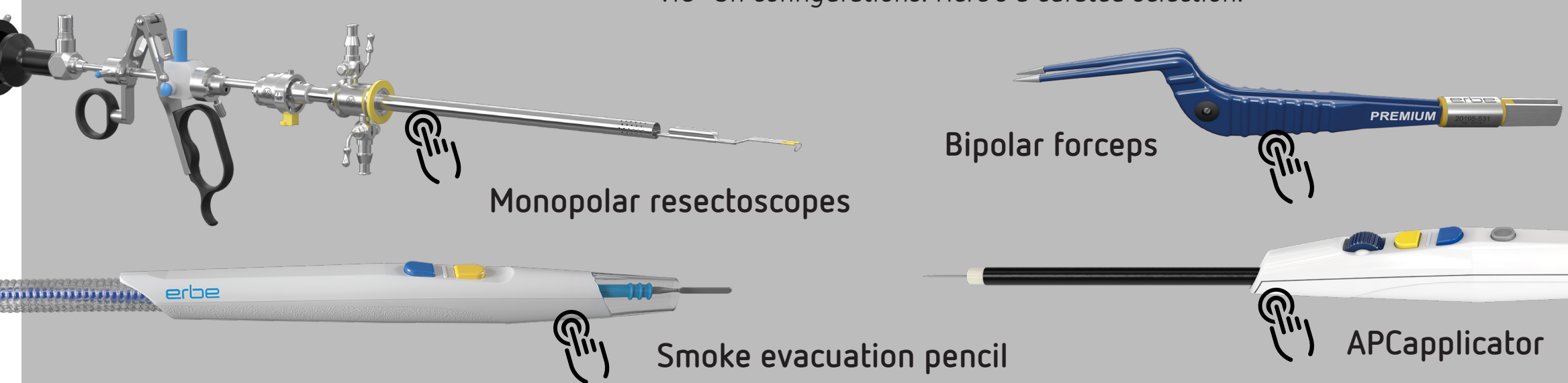
Advanced bipolar technology for reliable vessel sealing

VIO® seal is the first electrosurgical generator in the VIO® family dedicated entirely to bipolar applications.

- **One generator – versatile performance:** VIO® seal is a stand-alone generator. Use it with the full range of standard bipolar instruments as well as our latest tripolar dissector TriSect® rapide and our advanced BiClamp® vessel-sealing technology.
- **Mode-specific energy delivery for reliable outcomes:** With our modes tailored to different tissue types – thermoSECT, biCLAMP®, and thermoSEAL – VIO® seal delivers controlled and reproducible results.
- **Efficient workflows with simultaneous bipolar activation:** By enabling simultaneous bipolar activation when paired with another VIO® generator, VIO® seal enhances your surgical workstation's capabilities and supports the co-surgeon technique for greater procedural efficiency.

Compatible instruments

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



Compatible submodules and accessories



DISCOVER TRISECT® RAPIDE®



DISCOVER BICLAMP® KNIFE 220

Available modes

Modes	VIO® 3n Water	VIO® 3n Timber
autoCUT	X	X
autoCUT bipolar	X	X
highCUT	X	
dryCUT	X	X
softCOAG	X	X
softCOAG bipolar	X	X
forcedCOAG	X	X
swiftCOAG	X	X
sprayCOAG	X	X
preciseSECT	X	
twinCOAG	X	
forcedAPC	X	
preciseAPC	X	
pulsedAPC	X	
autoCUT argon	X	
highCUT argon	X	
dryCUT argon	X	
swiftCOAG argon	X	
preciseSECT argon	X	
twinCOAG argon	X	
senseAPD	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

Surgery workstation
VIO® 3n Water, APC 3, VIO® seal and
IES 3 on SystemCarrier performance

HOW TO SETUP VIO® 3N



Available modes

Modes	VIO® seal
autoCUT bipolar	X
thermoSECT	X
softCOAG bipolar	X
biCLAMP	X
thermoSEAL	X

Workstation for vessel sealing and dissection
VIO® seal and IES 3 on SystemCarrier compact



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: < 14 W 220 - 240 V AC: < 14 W
Power input with max. HF output	100 - 120 V AC: < 450 W 220 - 240 V AC: < 450 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	1000 max.

Dimensions and weight	
Width × height × depth	410 × 130 × 373 mm
Weight	7 kg
Display size	7 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
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