erbe
power your performance.

FAMILIARITY

HIGH-PERFORMANCE WORKFLOWS

FUTURE-PROOF PLATFORM

COMPLEXITY SIMPLIFIED

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.

Commercially not available yet.

VIO® 3n – Tailored to sync with you

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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.
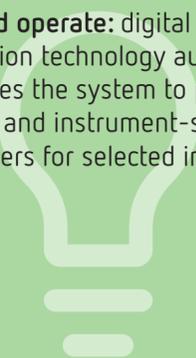
Familiarity

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.

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
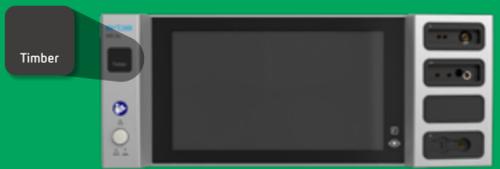
VIO® 3n Timber

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
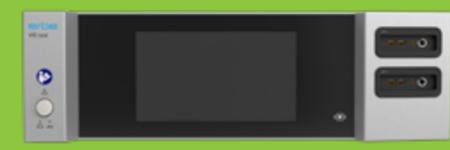
VIO® seal

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.

DISCOVER TRISECT RAPIDE®

DISCOVER BICLAMP® KNIFE 220

Compatible instruments

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

Monopolar resectoscopes

Bipolar forceps

Smoke evacuation pencil

APCapplicator

Compatible submodules and accessories

VIO® 3 foot switch

IES 3

EIP 2

APC 3
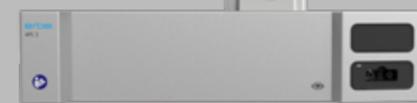
curated selection

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

VIO® 3n

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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
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

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