

INTUITIVE

Da Vinci Energy Portfolio

Powerful advances
for increased efficiency.



Intuitive da Vinci Energy

Powerful advances for increased efficiency.

Maximize efficiency without sacrificing results with the precision and versatility offered by Intuitive da Vinci Energy products.

Start with the first complete high-frequency generator designed for robotic surgery. Pair it with advanced instruments that enable rapid sealing¹ or with a choice of monopolar and bipolar instruments finely tuned for excellent energy delivery. All seamlessly integrated to enable controlled energy delivery and optimized performance.

With Intuitive da Vinci Energy, you can take charge of energy that's quicker², and effective in more ways than one.

1. Average sealing time of less than 3 seconds using Vessel Sealer Extend or SynchroSeal with the E-200 generator. Data on file at Intuitive.

2. Compared to Vessel Sealer Extend on ERBE VIO dV. Data on file at Intuitive.

Da Vinci E-200 Generator

Mode	Power (W)	Effect	Setting
Robotic Bipolar	30	COAG	Low with Autostop
Bipolar	30	COAG	Low with Autostop
Robotic Monopolar	20	CUT	Pure
Monopolar	30	COAG	Fulgurate
Monopolar	20	CUT	Blend
Monopolar	30	COAG	Precise

Controls: Bipolar, Monopolar, Neutral, Power button

DAVINCI™

DAVINCI™

The da Vinci E-200 generator

Singularly versatile. Seamlessly integrated.

Complete robotic cases from first incision to closure using a single generator. The da Vinci® E-200 generator is finely tuned for excellent energy delivery and seamlessly integrates into an existing robotic surgical workflow to deliver high-frequency energy for cutting, coagulation, and vessel sealing.

Use monopolar, bipolar, and advanced energy instruments with fast vessel sealing.¹

Use watt-based energy delivery commonly used in other generators on the market.

Adjust energy settings for each individual energy port.

Save up to 3 preferred energy settings to quickly switch in the middle of or between cases.

E-200 easily integrates with da Vinci surgical systems and cloud login profiles.

Work with lap and open third-party energy instruments as needed.



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6 monopolar modes, 4 bipolar modes, and 3 advanced energy modes

Monopolar Cut (0–120 W)	Monopolar Coagulation (0–120 W)	Bipolar Energy (0–95 W)	Advanced Bipolar (automatically determined)
Pure	Precise	Low with Auto Stop	Coagulation
Blend	Fulgurate	Low	Sealing
	Spray	Standard	Sync
	Low	Macro	

Advancing energy performance for increased efficiency

Feature	Erbe VIO dV	E-100	E-200
Industry standard energy settings (watts)			X
Complete generator: monopolar, bipolar, and advanced energy	X		X
Fast vessel sealing ¹		X	X
Monopolar Precise mode			X
Additional bipolar modes			X
Energy presets	X		X
Individual energy settings for each energy port			X
Energy settings optimized with da Vinci instruments		X	X
Laparoscopic instrument compatibility (monopolar and bipolar)	X		X
Power delivery for monopolar and bipolar modes	Adaptive	NA	Constant

1. Average sealing time of less than 3 seconds using Vessel Sealer Extend or SynchroSeal with the E-200 generator. Data on file at Intuitive.

Vessel Sealer Extend

Performance you expect. Speed that you don't.¹

Securely seal and cut vessels up to 7 mm in diameter and tissue bundles that fit in the jaws. With an average sealing time of fewer than three seconds², Vessel Sealer Extend may potentially improve efficiency during your surgical case.³

01

Optimize dissection and tissue manipulation with a 30% slimmer jaw profile.²

02

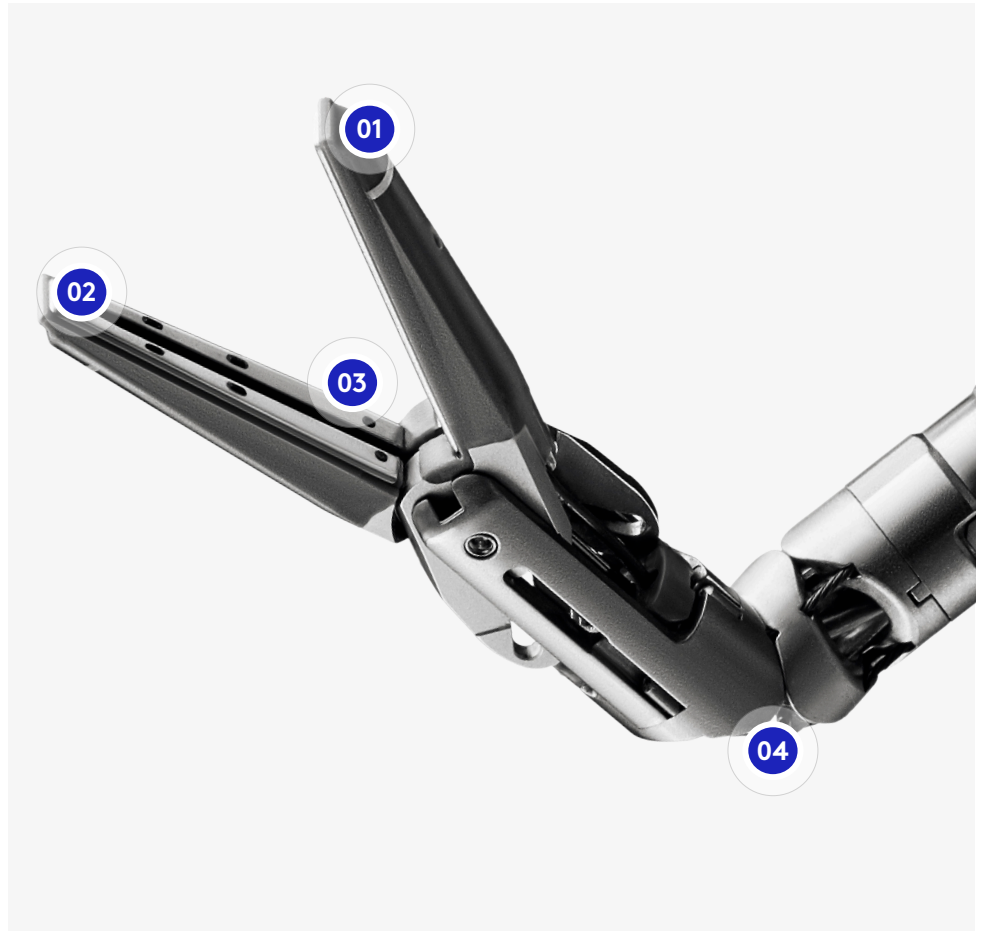
Extend your seal and spot coagulate with a 3 mm longer electrode.⁴

03

Reduce the need for an extra grasper with the stronger grip provided by a textured surface.²

04

Access vessels with 60° of fully wristed articulation, and create secure 90° seals and effective cuts.²



1. Compared to Vessel Sealer Extend with ERBE VIO dV.

2. Data on file at Intuitive.

3. Compared to Vessel Sealer Extend with ERBE VIO dV in terms of seal activation times.

4. Compared to EndoWrist® Vessel Sealer. Data on file at Intuitive.



SynchroSeal

Streamline sealing. Optimize performance.

Get enhanced efficiency¹ and versatility² from a single instrument. With a single pedal press, SynchroSeal enables you to confidently seal and cut vessels up to 5 mm in diameter and tissue bundles that fit in the jaws.³

01

Use the refined, curved jaw for enhanced dissection⁴ and secure grasping.⁵

02

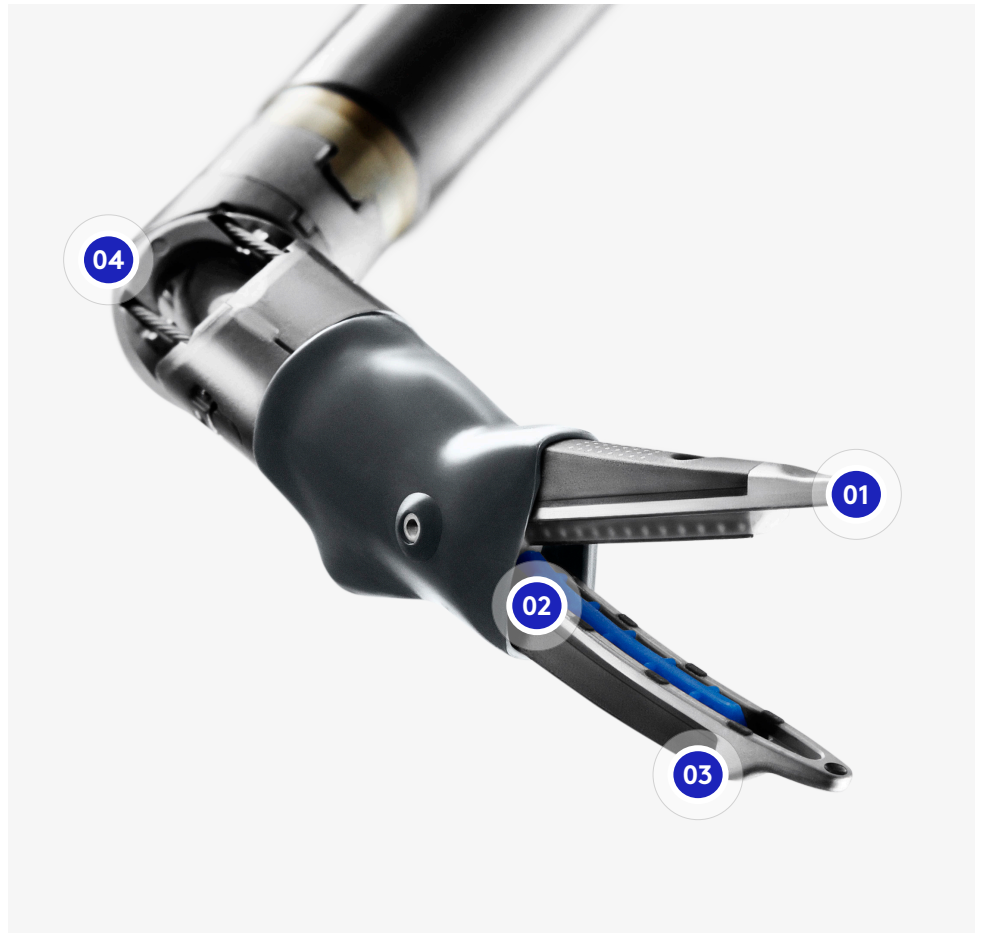
Achieve single-step transection with a raised cut electrode.

03

Create strong, reliable seals.

04

Approach anatomy at your preferred angle with 60° fully wristed articulation.³



1. Compared to Vessel Sealer Extend with ERBE VIO dV in terms of faster estimated workflow and seal activation times.
2. Compared to Vessel Sealer Extend with ERBE VIO dV. Data on file at Intuitive.
3. Data on file at Intuitive.
4. Compared to Vessel Sealer Extend. Data on file at Intuitive.

5. Compared to HARMONIC ACE+7. Results of testing on file. Benchtop testing performed using uniform synthetic material. Forces at which the material slipped from the grasped jaws of SynchroSeal and HARMONIC ACE+7 were measured. Slip forces for SynchroSeal were significantly greater than HARMONIC ACE+7. Data on file at Intuitive.

Optimize your da Vinci Energy skills

Intuitive's unified ecosystem can help.

We offer a comprehensive, unified ecosystem of systems, learning, services, and digital insights that helps you advance what's possible in minimally invasive care.

Take advantage of key learning products and services that teach and train you how to use da Vinci Energy for specific procedures, and integrated digital intelligence that provides data-driven insights to help you automate and optimize your energy use.

SimNow simulation

Use advanced, monopolar, and bipolar energy in realistic simulations on the da Vinci surgeon console in a consequence-free environment, using a library of procedure exercises.

Scan the QR code to see the available SimNow proficiency and procedure-specific energy exercises



Advanced Tissue Models

Practice using da Vinci Energy on standardized, sustainable tissue models that bring the training to you without the need for specialized facilities or equipment.



Technology training

Build da Vinci Energy proficiency in specific procedures through progressive, surgeon-led training series.



Intuitive Hub integrated telepresence

Take advantage of a visual media platform that lets you record procedures and store media so you can collaborate and learn from other surgeons about energy use during procedures.



My Intuitive

Gain insights by tracking your da Vinci Energy instrument usage from training, simulation, and live cases. Uncover instrument choreography trends using organized and actionable data to help you set progressive training or efficiency goals.






Cloud login

Access your saved energy presets from any da Vinci system using the login credentials you use at the surgeon console, then access your My Intuitive data immediately after completing your procedure, whether you're on your phone or at your desktop.



Instruments and accessories

		Part Number
	E-200 generator upgrade	380229
	1 unit	
	da Vinci X and da Vinci Xi	
	E-200 generator backup	378897
	1 unit	
	da Vinci X and da Vinci Xi	
	Vessel Sealer Extend	480422
	6 units per box	
	da Vinci X and da Vinci Xi	
	SynchroSeal	480440
	6 units per box	
	da Vinci X and da Vinci Xi	

To learn more about Intuitive
da Vinci Energy products, visit:
www.intuitive.com/en-us/products-and-services/da-vinci/energy




To contact a representative or
receive additional information:
www.intuitive.com

U.S.
1.877.408.3872






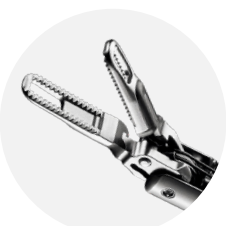
Europe
+41.21.821.2020 or
+800.0821.2020

Rest of the world
1.408.523.2100

EndoWrist monopolar cautery instruments

		Part Number
	Monopolar curved scissors (Hot shears) 10 uses	470179
	Tip cover accessory (Shown here)	400180
	Permanent cautery hook 10 uses	470183
	Permanent cautery spatula 10 uses	470184

EndoWrist bipolar cautery instruments

		Part Number
	Micro bipolar forceps 14 uses	471171
	Maryland bipolar forceps 14 uses	471172
	Fenestrated bipolar forceps 14 uses	471205
	Curved bipolar dissector 14 uses	471344
	Long bipolar grasper 14 uses	471400
	Force bipolar 12 uses	471405

Important safety information

Serious complications may occur in any surgery, including surgery with a da Vinci system, up to and including death. Examples of serious or life-threatening complications, which may require prolonged and/or unexpected hospitalization and/or reoperation, include but are not limited to, one or more of the following: injury to tissues/organs, bleeding, infection, and internal scarring that can cause long-lasting dysfunction/pain.

Risks specific to minimally invasive surgery, including surgery with a da Vinci system, include but are not limited to, one or more of the following: temporary pain/nerve injury associated with positioning; a longer operative time, the need to convert to an open approach, or the need for additional or larger incision sites. Converting the procedure could result in a longer operative time, a longer time under anesthesia, and could lead to increased complications. Contraindications applicable to the use of conventional endoscopic instruments also apply to the use of all da Vinci instruments.

Individual outcomes may depend on a number of factors—including but not limited to—patient characteristics, disease characteristics, and/or surgeon experience.

Da Vinci instruments and accessories

It is the responsibility of the owner of the da Vinci surgical system to properly train and supervise its personnel to ensure that the instruments and accessories are properly cleaned, disinfected, and sterilized as required by the user's manual. Da Vinci products should not be used in a clinical setting unless the institution has verified that these products are properly processed in accordance with the da Vinci system user manual.

Da Vinci Xi system surgical system

For intended use and/or indications for use, risks, cautions, and warnings and full prescribing information, refer to the associated user manual(s) or visit <https://manuals.intuitivesurgical.com/market>.

Da Vinci 5 system

For risks, cautions, and warnings and full prescribing information, refer to the associated da Vinci 5 Surgical System user manual(s).

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