

SynchroSeal from da Vinci Energy

Streamline sealing.¹ Optimize performance.²

Get enhanced efficiency³ and versatility⁴ from a single instrument with an average seal time of fewer than two seconds.⁵

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.

Use the refined, curved jaw for enhanced dissection⁴ and secure grasping,⁶ all from an articulating wrist that may help you approach anatomy at your preferred angle.¹

01

Raised cut electrode for transection with bipolar energy

02

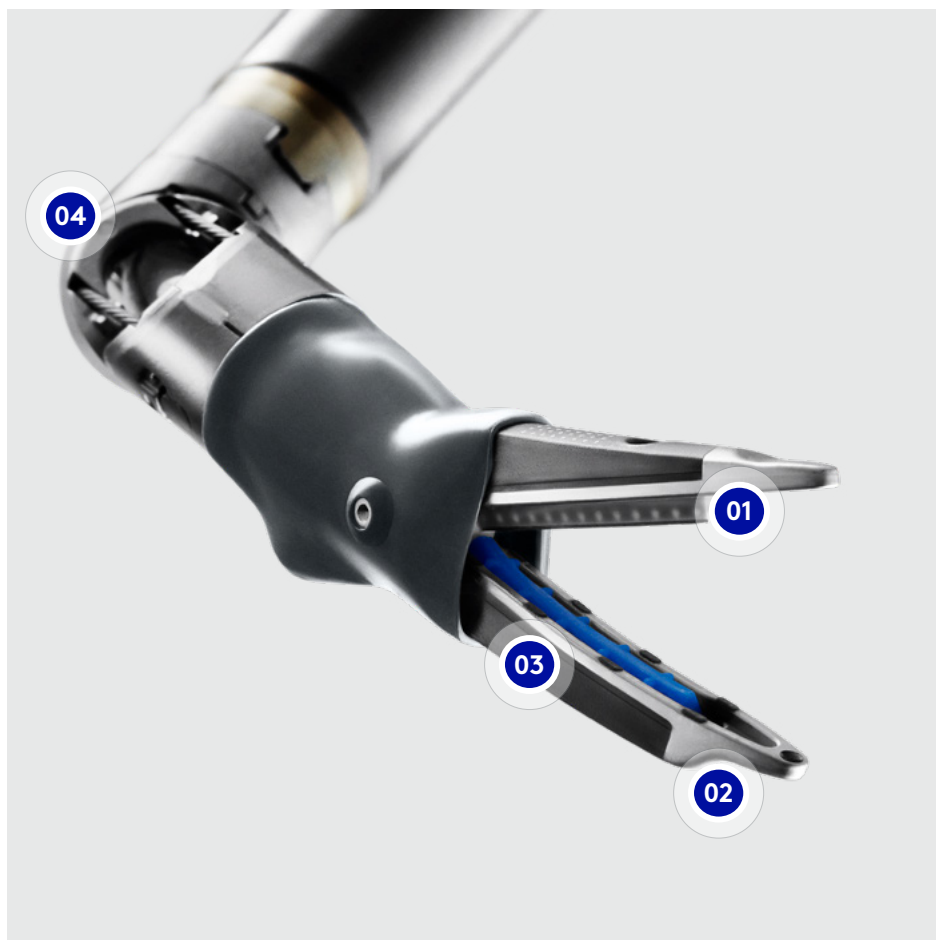
Curved jaw for enhanced dissection⁴

03

Sealing electrodes for strong, reliable seals with 1–2 mm of lateral thermal spread¹

04

60° fully wristed articulation to approach anatomy at your preferred angle¹



1. Data on file.

2. Compared to HARMONIC ACE+7.

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

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

5. Mean seal time based on seal time from seal and sync mode.

6. Compared to HARMONIC ACE+7. Based on benchtop testing performed using a Tekscan pressure-mapping sensor and a force gauge.



Powered by the E-100 generator from da Vinci Energy⁷

Seamlessly integrates into the da Vinci X and da Vinci Xi surgical systems to power SynchroSeal and Vessel Sealer Extend¹

Three energy modes: coagulation, sealing, and transection¹

When paired with SynchroSeal, enables an average seal time of fewer than two seconds⁵

When paired with Vessel Sealer Extend, enables fast sealing times and low jaw temperatures⁸

Ordering Information

Part Number	Product Description	Uses	Quantity/Box
480440	SynchroSeal	Single use	6 units per box
378848	E-100 Generator	N/A	1 unit

1. Data on file.

5. Mean seal time based on seal time from seal and sync mode.

7. Da Vinci Energy includes: SynchroSeal with E-100 and VSE with E-100.

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

To learn more about da Vinci Energy products, visit: www.intuitive.com/en-gb.

To contact a representative or receive additional information visit www.intuitive.com/en-gb or call Intuitive Customer Service in Europe at +800.0821.2020 (toll free) or +41.21.821.2020.

Product Information

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

SynchroSeal

SynchroSeal is a bipolar electrosurgical instrument for use with a compatible da Vinci Surgical System and a compatible electrosurgical generator. It is intended for grasping, dissection, sealing and transection of tissue. SynchroSeal can be used to seal vessels up to and including 5 mm in diameter and tissue bundles that fit in the jaws of the instrument. SynchroSeal has not been shown to be effective for tubal sterilization or tubal coagulation for sterilization procedures and should not be used for these procedures.

The SynchroSeal is a class IIb medical devices CE marked (CE 2460) under the European Medical Devices Directive (93/42/EEC), manufactured by Intuitive Surgical, Inc. Refer to Instructions For Use before use.

E-100 Electrosurgical Generator

E-100 Electrosurgical Generator is an electrosurgical unit (ESU) intended to deliver

high-frequency energy (HF) for cutting, coagulation and vessel sealing of tissues.

The E-100 Electrosurgical Generator is a class IIb medical devices CE marked (CE 2460) under the European Medical Devices Directive (93/42/EEC), manufactured by Intuitive Surgical, Inc. Refer to Instructions For Use before use.

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