

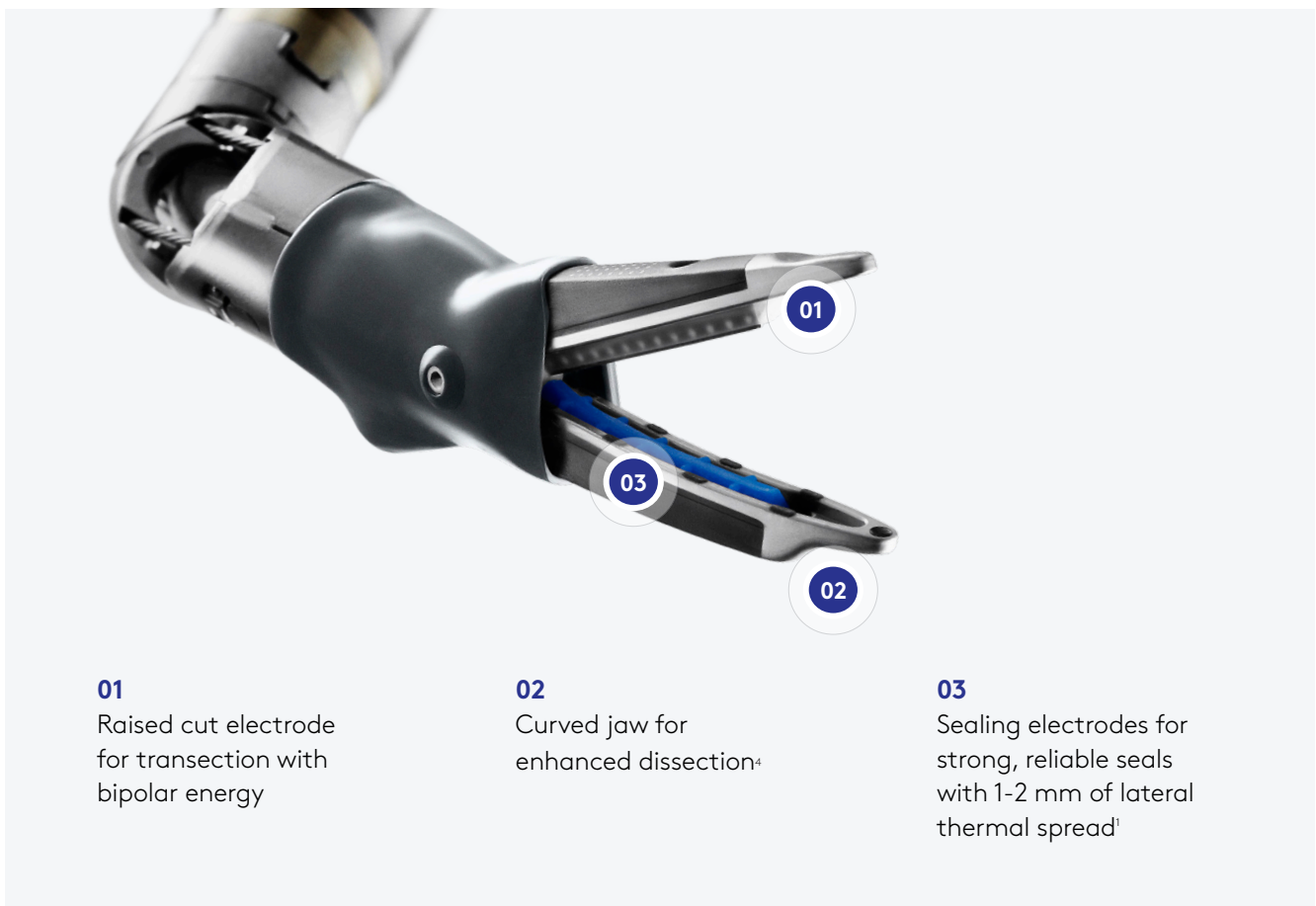
# SynchroSeal from da Vinci Energy

Streamline sealing.<sup>1</sup> Optimize performance.<sup>2</sup>

Get enhanced efficiency<sup>3</sup> and versatility<sup>4</sup> from a single instrument with an average seal time of fewer than two seconds.<sup>5</sup>

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 dissection<sup>4</sup> and secure grasping,<sup>6</sup> all from an articulating wrist that may help you approach anatomy at your preferred angle:



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 Energy<sup>7</sup>

Seamlessly integrates into the da Vinci X™ and da Vinci Xi® surgical systems to power SynchroSeal and Vessel Sealer Extend<sup>1</sup>

Three energy modes: coagulation, sealing, and transection<sup>1</sup>

When paired with SynchroSeal, enables an average seal time of fewer than two seconds<sup>5</sup>

When paired with Vessel Sealer Extend, enables fast sealing times and low jaw temperatures<sup>8</sup>

## Ordering Information

Item Code	Product Description	Uses	Quantity/Box	Price/Box
480440	SynchroSeal from da Vinci® Energy <sup>7</sup>	Single use	6 devices per box	\$4,140

\* Powered by the E-100 generator (item code 378848)

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.

### Important safety information

Serious complications may occur in any surgery, including da Vinci® surgery, 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 da Vinci® surgery, 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.

For Important Safety Information, indications for use, risks, full cautions and warnings, please also refer to [www.intuitive.com/safety](http://www.intuitive.com/safety).

### Instrument & Accessory Care

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. The 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's Manual.

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

SynchroSeal is a bipolar electro-surgical instrument for use with a compatible da Vinci surgical system and a compatible electro-surgical 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 E-100 is an electro-surgical generator for use with a compatible da Vinci surgical system. It is an electro-surgical unit intended to deliver high frequency energy (HF) for cutting, coagulation and vessel sealing of tissues.

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