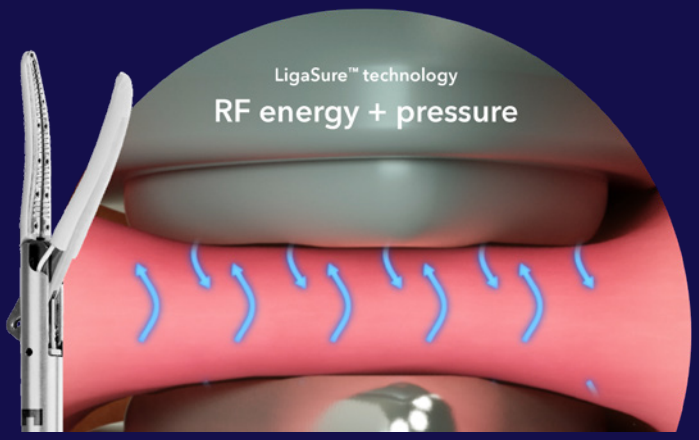
Medtronic
Engineering the extraordinary



Energize your possibilities.

You can depend on the Sonicision™ 7 and LigaSure™ XP Maryland jaw devices to deliver confident performance across both ultrasonic and radiofrequency (RF) energy applications. Bring together the culmination of decades of surgical energy innovation, with a proven legacy put to the test in tens of millions of procedures.†

RF or ultrasonic energy – the choice is yours.



LigaSure™ devices use RF energy to seal independent of cutting, using the body's own collagen and elastin to fuse vessel walls.



Sonicision™ devices use ultrasonic energy, which is mechanical/frictional in nature and cuts as it coagulates.

LigaSure™ XP Maryland jaw sealer/divider with nano-coating

- A longer seal plate and optimal jaw force[¶,4,5]
- Enhanced vessel sealing performance across a variety of tissue types and thicknesses[#,Δ,6]
- A choice of one-step sealing and latching handle designs

Sonicision™ 7 curved jaw cordless ultrasonic dissector

- Enhanced mobility[‡,1] and access in tight spaces[§,1]
- Effective coagulation and dissection of vessels up to 7 mm for improved surgical efficiency[◊,2]
- A cordless design that contributes to a safer OR[3]

Get performance tailored to your preference – and to the patient's needs.

† Based on internal sales data from FY01–FY23. November 2023.
‡ 32 out of 33 surgeons surveyed after use agreed.
§ 33 out of 33 surgeons surveyed after use agreed.
◊ 25 out of 27 surgeons surveyed after use agreed.
¶ Bench tissue may not be indicative of clinical tissue performance but is a controllable substitute acceptable to regulatory bodies.

Thick tissue is defined as nondissected vascular tissue or fatty tissue.
Δ Compared to their current preferred device; 21 of 23 surgeons agreed during clinical procedures. The LigaSure™ XP Maryland jaw device is indicated for use in general surgery and such surgical specialties as colorectal, bariatric, urologic, vascular, thoracic, and gynecologic.

Options that empower.



LigaSure™ XP Maryland jaw devices

We're here to help you every step of the way, providing you the freedom to find the right procedural path for the patient. Put the Sonicision™ 7 and LigaSure™ XP Maryland jaw devices to work side by side – and experience the advantages they can bring to your OR.



Sonicision™ 7 devices

Ordering information

LigaSure™ XP Maryland jaw devices

Product code	Description	Quantity
One-step sealing		
LXMJ23S	Open sealer/divider, one-step sealing, nano-coated, 23 cm	6 per case
LXMJ37S	Laparoscopic sealer/divider, one-step sealing, nano-coated, 37 cm	6 per case
LXMJ44S	Laparoscopic sealer/divider, one-step sealing, nano-coated, 44 cm	6 per case
Latching handle		
LXMJ23L	Open sealer/divider, latching handle, nano-coated, 23 cm	6 per case
LXMJ37L	Laparoscopic sealer/divider, latching handle, nano-coated, 37 cm	6 per case
LXMJ44L	Laparoscopic sealer/divider, latching handle, nano-coated, 44 cm	6 per case

Sonicision™ 7 devices

Product code	Description	Quantity
SCD7A13	Sonicision™ 7 curved jaw cordless ultrasonic dissector – 13 cm	6 per case
SCD7A26	Sonicision™ 7 curved jaw cordless ultrasonic dissector – 26 cm	6 per case
SCD7A39	Sonicision™ 7 curved jaw cordless ultrasonic dissector – 39 cm	6 per case
SCD7A48	Sonicision™ 7 curved jaw cordless ultrasonic dissector – 48 cm	6 per case
SCBA	Sonicision™ reusable battery pack	1 per case
SCG7AA and **SCG7AB**	Sonicision™ reusable generator A and B	1 per case
SCBIGA	Sonicision™ reusable battery insertion guide	2 per case
CBCA	Sonicision™ battery charger	1 per case
SCSTA	Sonicision™ reusable sterilization tray	1 per case

Multiple options. Zero compromise.

Discover more at

medtronic.com/covidien/en-gb/products/ultrasonic-dissection.html

medtronic.com/covidien/en-gb/products/vessel-sealing.html

References:

1. Based on internal test report #R0042752 rev A, Marketing evaluation of surgeon experience using the Sonicision™ curved jaw cordless ultrasonic dissector. Feb. 13–17, Feb. 28, March 3, May 16, 2017.
2. Based on internal test report #RE00329878 rev A, Marketing evaluation of surgeon experience using the Sonicision™ 7 curved jaw cordless ultrasonic dissector. Apr. 14–15 and 20–22, 2021.
3. Brogmus G, Leone W, Butler L, Hernandez E. Best practices in OR suite layout and equipment choices to reduce slips, trips, and falls. AORN J. 2007;86(3):384–394.
4. Based on internal report #RE00442444 Rev A, Comparison of the renal artery bench bundle burst pressure performance with the LigaSure™ XP Maryland jaw sealer/divider, Voyant™* Maryland Fusion, Enseal™* X1 curved jaw, and LigaSure™ LF19XX devices. Jan. 23, 2023.
5. Based on internal report #RE00372649 Rev A, Archer surgeon summative evaluation report. March 22, 2022.
6. Based on internal report #RE00457416 Rev A, Product introduction report: LigaSure™ XP Maryland jaw sealer/divider. May 2023.

© 2025 Medtronic. Medtronic, Medtronic logo, and Engineering the extraordinary are trademarks of Medtronic. ™* Third-party brands are trademarks of their respective owners. All other brands are trademarks of a Medtronic company.

emea-se-2500024-energize-your-possibilities-sell-sheet---17818923

Medtronic