

Medtronic

Sonicision™ curved jaw cordless ultrasonic dissection device
and Valleylab™ laparoscopic smoke evacuation system

Freedom and safety.^{1,2}

Get the performance you want.
Evacuate the smoke you don't.





We continue to live and work in unprecedented times.

Our goal is to partner with you to help you focus on the things that matter most – like your patients, and the health and safety of your OR.



Two solutions combined to help enable your success.

With an array of innovative devices, we can provide both flexibility and safety^{1,2} in your OR to help you achieve greater outcomes.

Our Sonicision™ curved jaw cordless ultrasonic dissection device offers cordless freedom of movement, precise energy dissection, and the versatility and performance that you expect.

To address surgical plume, our Valleylab™ laparoscopic smoke evacuation system removes and filters the surgical smoke for better visualization^{3,†,‡} and air quality^{2,§} during laparoscopic procedures.

† 10 of 10 surgeons and nurses surveyed after use agreed for active mode, the device improved visualization vs. nonevacuation.

‡ 8 out of 9 surgeons and nurses surveyed after use agreed for passive mode.

§ As compared with non ULPA filtration or nonevacuation.

Two innovative solutions – one surgery at a time

Dissection that's precise and a system that helps preserve air quality. Innovation, together, to create the right solution for your OR.



The Sonicision™ curved jaw cordless ultrasonic dissection system enables:

- Freedom of movement and mobility^{4,†}
- Easier instrument exchanges^{4,‡}
- Occlusion of vasculature up and including 5 mm in diameter⁵⁻⁷
- Precise energy dissection^{4,§}
- Access and visibility in tight space^{4,Ω}
- Improved procedural focus^{4,††}
- Faster dissection speed than the Harmonic Ace™ +7 device^{8,‡‡}
- Lower movable jaw temperature and faster cool down time than the Harmonic HD1000i™ device^{8,§§}



The Valleylab™ laparoscopic smoke evacuation system offers:

- An internal ULPA filter that captures particles smaller or larger than 0.12 micron with 99.9995 percent efficiency or greater. That's with a flow rate of up to 14 liters per minute²
- Removal of the majority of smoke from the peritoneal cavity in less than 30 seconds⁹
- Smoke removal that's twice as fast compared to competitive, passive-evacuation devices^{9,†††}
- Easy set up and use^{3,Ω,‡‡‡}
- Utilize in active mode (attached to suction) or passive mode depending on your OR setup or needs
- A built-in fluid trap to maximize the lifetime of the ULPA filter (up to four hours in continuous mode)⁶

† 29 out of 33 surgeons surveyed after use agreed.

‡ 32 out of 33 surgeons surveyed after use agreed.

§ 30 out of 33 surgeons surveyed after use agreed.

Ω 33 out of 33 surgeons surveyed after use agreed.

†† 17 out of 30 surgeons surveyed after use agreed.

‡‡ Testing performed on bench tissue (porcine mesentery) and measured across 10 consecutive activations using maximum power.

§§ Testing performed on bench tissue (porcine mesentery) and measured across 10 consecutive activations using maximum power on the Sonicision™ curved jaw device and dissection mode on the Harmonic™ HD1000i device.

ΩΩ 21 of 21 surgeons and nurses surveyed after use agreed.

††† As tested with SEL700A which is equivalent to SEL7010 active mode.

‡‡‡ 9 of 10 surgeons and nurses surveyed after use agreed for active mode.

Set your OR up
for success.
Try our two innovative
solutions today.



Ordering information		
Code	Description	Quantity
SCDA13	Sonicision™ 13 cm Curved Jaw Cordless Ultrasonic Dissector	6 per box
SCDA26	Sonicision™ 26 cm Curved Jaw Cordless Ultrasonic Dissector	6 per box
SCDA39	Sonicision™ 39 cm Curved Jaw Cordless Ultrasonic Dissector	6 per box
SCDA48	Sonicision™ 48 cm Curved Jaw Cordless Ultrasonic Dissector	6 per box
SCBA	Sonicision™ Reusable Battery Pack	1 per box
SCGAA	Sonicision™ Reusable Generator	1 per box
SCBIGA	Sonicision™ Reusable Battery Insertion Guide	2 per box
CBCA	Sonicision™ Battery Charger	1 per box
SCSTA	Sonicision™ Reusable Sterilization Tray	1 per box
SEL7010	Valleylab™ Laparoscopic Smoke Evacuation System	10 per case

† As it relates to reduction of tripping hazards and filtration of surgical plume.

‡ As it relates to the improvement of health and safety of the perioperative staff and patients.

1. 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.†
2. Based on internal report #PR-17003, Valleylab laparoscopic smoke evacuation, ULPA verification. Jan. 8, 2018.‡
3. Based on internal test report #RE00139506 rev A, Bourbon: Valleylab™ laparoscopic smoke evacuation system nurses and surgeons claims report. March 12, 2018.
4. 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.
5. Based on internal test report #RE00085183, rev B, SPD-83 Burst pressure and activation Time study. March 7, 9, 16 and 20, 2017.
6. Based on internal test report RE00083833 Rev A, Verification of SPD-83 Devices in an Acute Hemostasis Porcine study. March 8, 2017.
7. Based on internal test report RE00083836 Rev A, Verification of SPD-83 Devices in a Chronic Porcine study. March 14-16, 2017.
8. Based on internal test report #R0032385 rev A, Thermal profile comparison with Ethicon Harmonic™* HD1000i shears and Ace™*+7 vs. Sonicision™ curved jaw (SPD-83) and LigaSure™ coated Maryland (LF19XX) on the ForceTriad and Valleylab™ FT10 generators May 17-18, 2017, and June 14, 2017.
9. Based on manufacturer report #PR- 18001 rev A, Filter visualization. Feb. 28, 2018.

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Important: Please refer to the package insert for complete instructions, contraindications, warnings and precautions.

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