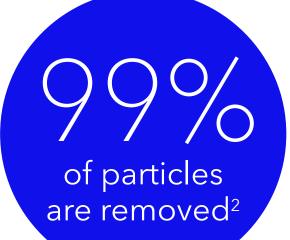


Valleylab<sup>™</sup> Smoke Evacuation Portfolio

# Capture smoke with enhanced versatility.<sup>1-3</sup>



# Clearly see targeted tissue.<sup>3,†</sup>



We developed our Valleylab<sup>™</sup> smoke evacuation pencils to address your needs in open surgery. With three models to choose from – standard or telescoping – you can have the flexibility to facilitate access and visibility at the surgical site.<sup>3,†,‡</sup>

Plus, they can help protect you, your team, and your patients from the potential hazards of surgical smoke.<sup>4</sup>

# Innovative design. Efficient smoke capture.<sup>3,†,‡</sup>

**360-Degree Swivel** Connection turns freely and easily to minimise drag on wrist<sup>3,§</sup>

#### All-In-One System<sup>3,Ω</sup>

- Integrated suction tubing and ESU wire to simplify cord management over the surgical field<sup>3,#‡</sup>
  Corrugated tubing for flexibility
- and range of movement<sup>3,§</sup>

#### Compact, Ergonomic Design<sup>3,Ω</sup>

- Front end has a low profile for enhanced visibility of the surgical field<sup>3,§§</sup>
- A narrow profile that's balanced for a secure grip<sup>3, ‡,§</sup>

#### **Smooth and Precise** CUT/COAG rocker switch is ergonomically designed for comfort and performance<sup>3,§§</sup>

#### **At-the-Source**

Smoke Capture<sup>1,2</sup>

- Capture tube on the telescoping model can be securely adjusted without the need to lock/unlock
- Transparent cannula provides clear vision of the target tissue<sup> $3,\Omega\Omega$ </sup>

#### Independent, Adjustable Blade<sup>++</sup>

- Telescoping blade allows for independent length adjustment for improved versatility and  $choice^{3,\Omega\Omega}$
- An Edge<sup>™</sup> nonstick coated blade electrode

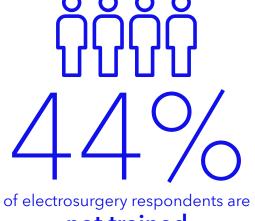
#### Remove odours, particulates, and other potentially hazardous by-products.

Designed for use with the Valleylab<sup>™</sup> smoke evacuation pencils, the RapidVac™ smoke evacuator system captures and filters surgical smoke.<sup>1,2</sup>

†Compared to a non-extendable smoke evacuation pencil; 17 out of 19 surgeons surveyed agreed.
\$19 out of 19 surgeons surveyed agreed.
\$17 out of 19 surgeons surveyed agreed.
\$15 F06000/6015 only.
\$15 Compared to the current device they are using; 15 out of 19 surgeons surveyed agreed.
\$20 Compared to the surveyed agreed.
\$20 Compared to the surveyed agreed.
\$20 Compared to the surveyed agreed.

# The dangers of surgical smoke.

Let's help protect operating room healthcare workers who are exposed to surgical smoke every year <sup>5,6</sup>



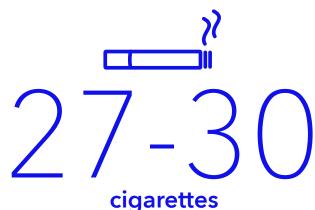
**not trained** on the hazards of surgical smoke.<sup>7</sup>



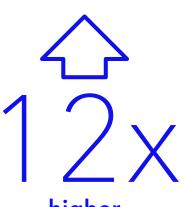
# Cost-to-Value

#### The benefits of our extensive portfolio

For more than 50 years, our Valleylab<sup>™</sup> portfolio has supported you with industryleading, innovative technologies, tools, and support. Our Valleylab<sup>™</sup> smoke evacuation pencils provide value as stand-alone tools. And they complement the products within our extensive electrosurgery and advanced energy portfolio.



is the approximate amount of surgical smoke produced daily in the OR.<sup>4</sup>



higher recommended occupational exposure limit to solvent furfural.<sup>9</sup>

Our comprehensive Valleylab<sup>™</sup> portfolio may help your facility achieve operational efficiencies and cost-to-value advantages such as:

- Capitalising on compliance cost savings as our electrosurgery portfolio grows
- Reducing part numbers and vendors to create efficiencies

# Repair the air in your O.R.

- Compact design with low-profile transparent tube enhances visibility of the surgical field & target tissue
- Pencil can be fitted with almost any available electrode (including Lletz & ball electrodes)
- Extendable/Retractable capture tube accommodates different lengths of ESU blades (25 mm 152 mm)

- 360° swivel feature enables free movement that minimises "drag" on the wrist
- All-in-one, pre-assembled construction simplifies set up
- Corrugated tubing enhances flexibility and range of movement
- ESU wire encapsulated within tubing improves cord management over the sterile field



# Laparoscopic smoke management solution



Introducing the Valleylab<sup>™</sup> laparoscopic smoke evacuation system SEL7010

#### The Valleylab Laparoscopic Smoke Evacuation System has tangible benefits for the surgeon, perioperative staff and the patient...

- Efficiently removes surgical smoke for enhanced visualisation of the surgical field<sup>11</sup>
- Improves air quality in the OR by removing and filtering surgical smoke ULPA filter in the device body is 99.9995% efficient in removing particles 0.12  $\mu$ m and larger<sup>11</sup>
- Once connected, removes and filters smoke without (a) The need to manually release built up smoke<sup>12,13</sup> (b) Loss of pneumoperitoneum<sup>12,13</sup>

#### Easy to set up, easy to use<sup>10</sup>

- Does not require capital investment or additional components
- It simply connects to a standard luer-lock trocar and a suction or vacuum unit (in active mode only).<sup>§§</sup>
- During the procedure, it clips to the surgical drape, so it's unobtrusive, and enables customised adjustment to the flow rate.<sup>16,17,††</sup>
- Validated for up to 4 hours of use

§ As compared with non-ULPA filtration or non-evacuation. †† 19 out of 21 surgeons and nurses surveyed after use agreed §§ Does not need to be connected to suction/vacuum unit if Passive mode functionality is in-use.

# The SEL7010 Laparoscopic Smoke Evacuation System features:

- 1. Adjustable flow control of plume & CO2 (up to 14 L/minute)<sup>14</sup>
- Luer Lock connection to the trocar stopcock valve via 10 mm tubing (x 50 cm)
- 3. Standard connection to suction canister via 5 mm tubing (x 2.7 m) **OR can be used in passive mode without connection to suction**
- 4. ULPA Filter that is 99.9995% effective in removing particles 0.12  $\mu m$  or larger from surgical plume^{11}
- 5. A charcoal filter that absorbs toxic odours and gases
- 6. A Clip to attach the device to the surgical drape<sup>15</sup>
- 7. 2x Faster smoke removal with the Valleylab™ system compared to competitive, passive-evacuation devices<sup>18,§</sup>
- 8. Less than 30 seconds is how fast the system removes the majority of smoke from the peritoneal cavity<sup>18</sup>

#### **Built-In Fluid Management**

The Valleylab™ smoke evacuation system includes a built-in fluid trap that:

- Prevents dripping<sup>19</sup>
- Extends the life of the filter<sup>19</sup>
- Manages moisture<sup>18,19</sup>
- Prevents occlusions of flow due to moisture buildup<sup>18,19</sup>

# Valleylab<sup>™</sup> Smoke Evacuation Pencils

	Medtronic Code	Description	Length	Quantity
	SEP6000 (See next page for electrode compatibility)	Telescoping Smoke Evacuation Rocker Switch Pencil Edge™ Blade Electrode	10′ (3 m)	20/case
	SEP6015 (See next page for electrode compatibility)	Telescoping Smoke Evacuation Rocker Switch Pencil Edge™ Blade Electrode	15′ (4.6 m)	20/case
	CVPLP2000 (Compatible with all Medtronic electrode accessories)	Smoke Evacuation Button Switch Pencil with Telescoping Cannula Coated Electrode	10′ (3 m)	20/case

## Electrode Compatibility for SEP6000/6015

	Medtronic Code	Description	Length	SEP6000/15 <sup>‡</sup>	Quantity
	E1450-4	Edge™ Blade Electrode	4″ (10.16 cm)	•	50/case
	E1450-6	Edge™ Blade Electrode	6.5″ (16.51 cm)	•	50/case
	E1452-6	Edge <sup>™</sup> Needle Electrode	6.5″ (16.51 cm)	•	50/case
	E1455-4	Edge <sup>™</sup> Insulated Blade Electrode	4″ (10.16 cm)	•	50/case
	E1455-6	Edge <sup>™</sup> Insulated Blade Electrode	6.5″ (16.51 cm)	•	50/case
	E1465-4	Edge <sup>™</sup> Insulated Needle Electrode	4″ (10.16 cm)	•	50/case
	E1465-6	Edge <sup>™</sup> Insulated Needle Electrode	6.5″ (16.51 cm)	•	50/case
	E1551-6	Valleylab <sup>™</sup> Blade Electrode	6.5″ (16.51 cm)	•	50/case
	E1552-6	Valleylab™ Needle Electrode	6.5″ (16.51 cm)	•	50/case
	E16514	Valleylab™ Straight Micro-Needle Electrode	4″ (10 cm)	•	10/case
Q	E15646	Valleylab™ Ball Electrode, non-hex	6.5″ (16.5 cm)	•	10/case
F	E15596	Valleylab™ Tungsten Loop Electrode, 10 mm x 10 mm, non-hex	6.5″ (16.5 cm)	•	10/case
	E15606	Valleylab™ Tungsten Loop Electrode, 15 mm x 12 mm, non-hex	6.5″ (16.5 cm)	•	10/case
<b>}</b>	E15616	Valleylab™ Tungsten Loop Electrode, 20 mm x 12 mm, non-hex	6.5″ (16.5 cm)	•	10/case
<b>_</b>	E15626	Valleylab™ Tungsten Loop Electrode, 20 mm x 15 mm, non-hex	6.5″ (16.5 cm)	•	10/case

‡The 4" electrodes are the preferred choice with SEP6000/SEP6015 due to their positioning relative to the smoke cannula.

## Valleylab<sup>™</sup> Laparoscopic Smoke Evacuation System

Medtronic Code	Description	Length	Quantity
SEL7010	Valleylab <sup>™</sup> Laparoscopic Smoke Evacuation System	9′ (3 m) tubing	10/case

### RapidVac<sup>™</sup> Smoke Evacuator

Medtronic Code	Description	Quantity
SE3695	RapidVac™ Smoke Evacuator, 220 V	1 each

### RapidVac<sup>™</sup> Smoke Evacuator Accessories

	Medtronic Code	Description	Quantity
	SEA3700	RapidVac™ ULPA Filter	2/case
	SEA3730	RapidVac™ Interlink Cable	1 each
0	SEA3741	RapidVac <sup>™</sup> Remote Switch Activator	1 each
	SEA3745	RapidVac <sup>™</sup> Footswitch	1 each
	RVFT10	RapidVac™ Fluid Trap	1 each

## Valleylab<sup>™</sup> Tubing

	Medtronic Code	Description	Length	Quantity
	SEA3705	Smoke Tubing	1/4" x 10" (0.6 cm x 3 m)	10/case
	SEA3710	Smoke Tubing	3/8" x 10" (1 cm x 3 m)	10/case
	SEA3715	Smoke Tubing	7/8" x 10" (2.2 cm x 3 m)	12/case
Q.	SEA3720	Smoke Tubing	1/4" x 10" (0.6 cm x 3 m)	12/case
	SEA3725	Smoke Wand	7/8" x 8" (2.2 cm x 20.3 cm)	5/case

## Smoke Attachments

	Medtronic Code	Description	Length	Quantity
	E3810	Valleylab <sup>™</sup> Smoke Attachment	3/8 (1 cm) tubing, 10′ (3 m)	20/case
111 Jack - 4	E3815	Valleylab <sup>™</sup> Smoke Attachment	3/8 (1 cm) tubing, 15' (4.6 m)	20/case

# Breathe more freely.

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Medtronic Australasia Pty Ltd 2 Alma Road Macquarie Park, NSW 2113, Australia Tel: +61 2 9857 9000 Fax: +61 2 9889 5167 Toll Free: 1800 668 670

medtronic.com.au medtronic.co.nz Medtronic New Zealand Ltd Level 3 - Building 5, Central Park Corporate Centre 666 Great South Road Penrose, Auckland 1051, New Zealand Fax: +64 9 918 3742 Toll Free: 0800 377 807 © Medtronic 2022 All Rights Reserved. ™\* Third party brands are trademarks of their respective owners. Energy 586-02-22 ANZ. #10801-032022