# Surgical smoke contains over 40 toxic compounds including: 1.2 Carbon Monoxide - Formaldehyde - Hydrogen Cyanide - Methane - Toluene - Benzene



Simply attach SeeClear to the side port of the trocar to filter out harmful toxins. Freestanding, no attachment to wall suction needed.

# SeeClear®

Laparoscopic Smoke Evacuation Systems

# Protect your staff from toxins found in surgical smoke.

- Removes 99.999% of .01 micron particles (aerosolized)<sup>3</sup>
- Activated charcoal membrane absorbs odors and chemical toxins<sup>3</sup>
- Optimal flow rate maintains pneumoperitoneum
- Maintains a clear field of vision
- Easy setup requires minimal staff involvement
- No attachment to wall suction, unobtrusive functionality



SeeClear is effective, easy to use and unobtrusive. Scan. View. Learn.

Or go to coopersurgical.com/SeeClear

<sup>&</sup>lt;sup>1</sup> Ulmer, BC. The Hazards of Surgical Smoke. AORN Journal. 2008; 87(4): 721-738.

<sup>&</sup>lt;sup>2</sup> U.S. Department of Health and Human Services. How Tobacco Smoke Causes Disease: The Biology and Behavioral Basis for Smoking-Attributable Disease. A Report of the Surgeon General. 2010.

<sup>&</sup>lt;sup>3</sup> Data on file.



# Protect your staff from toxins found in surgical smoke...

# ...and maintain a clear view of the surgical field with SeeClear!

SeeClear<sup>®</sup> is a passive disposable multi-stage filter system. The ULPA filter traps smoke, particulates and aerosolized pathogens, while an activated charcoal membrane absorbs odors and chemical toxins.

No vacuum pump is required — SeeClear functions silently, removing surgical plume and providing a clear view of the surgical field. No extra tubing needed — everything is included, enabling one easy connection to the trocar side port.

The elevated intraperitoneal pressure pushes out the smoke along with the CO<sup>2</sup>. Flow rates are pre-set to optimize smoke removal without losing pneumoperitoneum.

# SeeClear<sup>®</sup>

Laparoscopic Smoke Evacuation Systems

### **Product Specifications**

Product Number SC082500	SeeClear® XCL™ (pink filter housing) Maximum Flow Rate 8.0 Liters/min at 15 mmHG pressure differential
Connector	Acrylic Standard Luer
Tubing	30" length, PVC
Filter Casing	Medical Grade Polypropylene
Filter Material	Deodorization — activated charcoal Filtration — ULPA Grade Hydrophobic Glass Microfiber Efficiency — 99.999% of 0.1 micron particles (aerosolized)
Drape Clamp	ABS, Porene GA850
Double Loop Tether	PVC
Latex-Free   Single Use Only	

### Three Easy Steps for Use



Attach the SeeClear tubing to the side port of the trocar that is largest and closest to the source of smoke or mist.



Position the SeeClear filter housing away from the operative site. Secure it to the surgical drape at a level **elevated above the trocar** with the attached clip.

NOTE: Elevating the SeeClear filter prevents condensation from collecting in the filter housing and reducing the flow rate.



Open the side port of the trocar to its full open position **before smoke or mist is created.** The SeeClear filter is not a catch-up device.

# **CoperSurgical**

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