



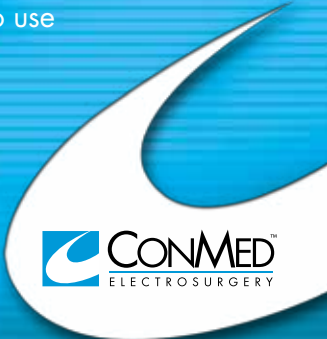
The adaptable way to eliminate surgical smoke



ConMed Surgical Smoke System

Researchers have identified more than 80 organic compounds in surgical smoke which contain a wide variety of toxic chemical by-products. The most effective way of protecting operating room staff and patients from inhaling harmful constituents of surgical smoke and aerosol is to use a smoke evacuation system.

The ConMed Surgical Smoke System offers the most dynamic smoke removal solution available to medical staff today. The AER DEFENSE™ Smoke Evacuator and GoldVac™ Smoke Evacuation Pencil provide a highly effective and user-friendly system.



GoldVac™ Smoke Evacuation Pencil

GoldVac™ Designed to Efficiently Eliminate Surgical Smoke

The GoldVac™ Smoke Evacuation Pencil allows the surgeon to position the smoke elimination tube anywhere along the active electrode (Figure 1). The tube can be positioned near the electrode tip for maximum smoke removal or farther back for maximum accessibility and visibility.

GoldVac™ Designed with the Surgeon's Comfort in Mind:

- » Low profile for ergonomic comfort
- » Cord set housed within the tubing to eliminate clutter at the surgical site
- » Swivel allows the tubing to rotate for maximum range of motion in wrist
- » Extendable smoke tube to 6"
- » Plastic drape clip to relieve the pull from tubing



Y-Connector allows the pencil cord to be housed inside the tubing.

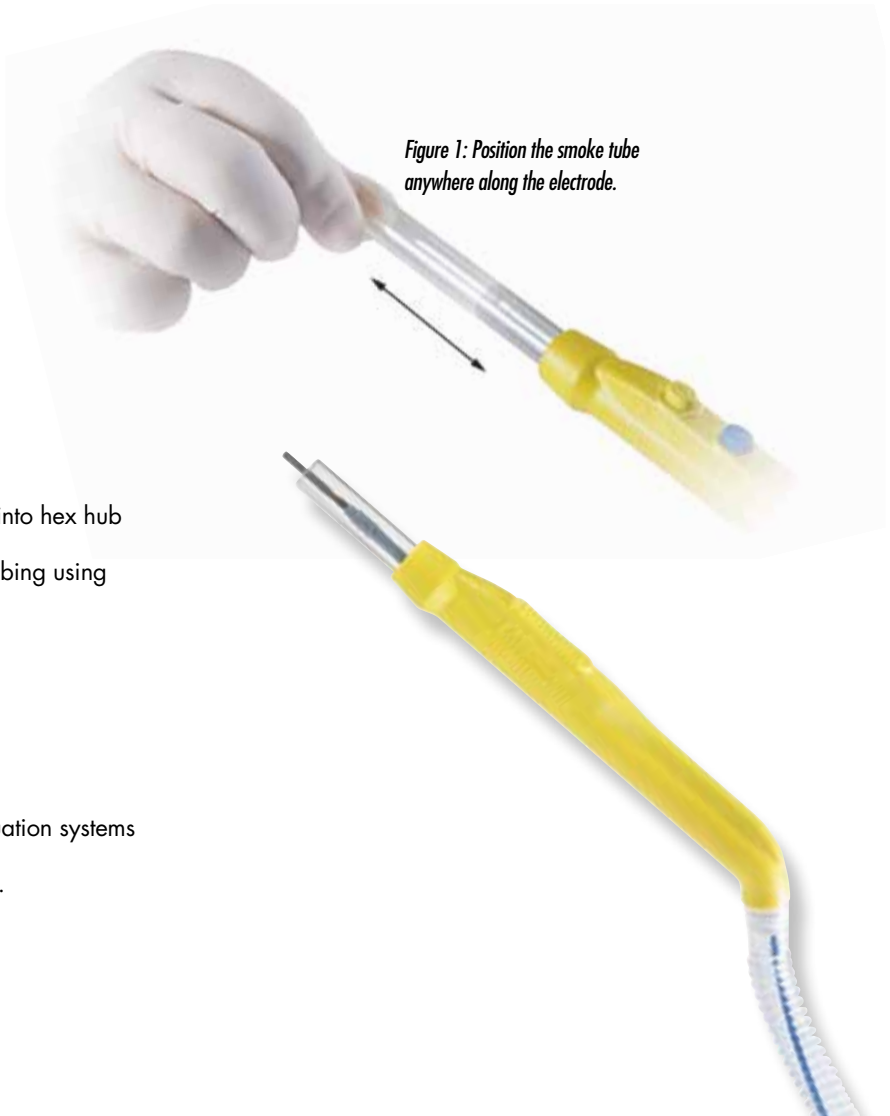


Figure 1: Position the smoke tube anywhere along the electrode.

GoldVac™ Additional Features:

- » UltraClean® electrode
- » 4" and 6" extended electrodes are easy to insert into hex hub
- » Design provides comparable flow to larger size tubing using smaller diameter, lighter tubing
- » Smaller diameter tubing takes up less shelf space
- » Cost effective surgical smoke elimination
- » Quality electrosurgical pencil
- » Adapters available for use with most smoke evacuation systems
- » Connects directly onto AER DEFENSE™ FilterOne™.

AER DEFENSE™ Smoke Evacuation System

The AER DEFENSE™ Smoke Evacuator is ConMed's new surgical smoke evacuation system intended to remove smoke, aerosols and noxious odors produced by surgical smoke during electrosurgical procedures. The AER DEFENSE™ offers four different modes of operation which makes it the most versatile smoke evacuator on the market. It is powered by a dual-stage motor for more efficient suction capabilities with less noise production. The AER DEFENSE™ coupled with the GoldVac™ Smoke Evacuation Pencil provide an exceptional combination to combat the hazards of surgical smoke in the OR.



AER DEFENSE™ Additional Features:

- » Powered by a dual-stage motor for more efficient suction
- » Improved ESU Instant Activation for use with any IEC 60601-1 certified ESU
- » Automatic Activation Mode for ConMed System 2450 and System 5000 ESUs which will employ automatic adjustments of the flow level based on ESU power setting
- » Laparoscopic Mode
- » Continuous Mode
- » Footswitch Activation Mode
- » ULPA grade FilterOne™ with 99.9995% efficiency at 0.1 micron particle size
- » LED Filter Life Indicator
- » Filter ID recognition to prevent re-use of expired filters
- » FilterOne™ life is calculated by airflow, not time, which provides longer filter life of up to 35 hours
- » 11% (7dBA) quieter than our previous model

AER DEFENSE™ Designed for Versatility in the OR:

- » Four specialty modes of operation to offer surgical staff their choice for activation and usage
- » Instant ESU Activation with other manufacturer's ESUs
- » ESU Activation Cables available in 4' and 10' lengths to accommodate different OR placement needs
- » Built-in carrying handle for easy transport of unit
- » 2 year standard warranty, 7 year extended warranty available
- » Small size to fit on cart or boom arm



GoldVac™ Smoke Evacuation Pencil | AER DEFENSE™ Smoke Evacuation System

Ordering Information

Product No.	Description	Case Quantity
60-8080-120	AER DEFENSE™ Smoke Evacuator – 100/120V Includes AC Power Cord, 4' ESU Activation Cord, and Operator's Manual — Filters sold separately	1 each
60-8080-230	AER DEFENSE™ Smoke Evacuator – 220/240V Includes 4' ESU Activation Cord. — Filters sold separately	1 each
60-8084-001	AER DEFENSE™ FilterOne™	2/case, 1/pkg
60-8083-001	AER DEFENSE™ Pneumatic Footswitch	1 each
62-5626-005	AER DEFENSE™ 10' ESU Activation Cable	1 each
62-5626-004	AER DEFENSE™ 4' ESU Activation Cable	1 each
62-5862-001	AER DEFENSE™ AC Power Cord	1 each
60-8041-001	System 5000™ Mobile Pedestal Saddlebag Lower Basket for AER DEFENSE™ and System 1200™ Smoke Evacuator Units	1 each
60-8056-001	Vacuum Control Assembly for AER DEFENSE™ and System 1200™ Smoke Evacuator Units	1 each
60-8054-001	Y-Adapter for ClearVac®	5/case, 1/pkg
60-7510-005	GoldVac™ Pencil, Push Button, 1" UltraClean® Blade Electrode, 10' of 11 mm tubing	10/case, 1/pkg
60-7520-005	GoldVac™ Pencil, Rocker Switch, 1" UltraClean® Blade Electrode. 10' of 11 mm tubing	10/case, 1/pkg
60-7530-005	GoldVac™ Pencil, Footswitch, 1" UltraClean® Blade Electrode, 10' of 11 mm tubing	10/case, 1/pkg
60-7507-001	Adapter, For Use with Valleylab Prefilter and Buffalo Filter, Disposable	12/case
60-7508-001	Adapter, For Use with IC Medical Liquid Trap, Reusable	1 each
139112	4" Extended Blade Electrode, UltraClean®	50/case, 1/pkg
138112	4" Extended Blade Electrode, Standard	40/case, 1/pkg
139107	6" Extended Blade Electrode, UltraClean®	50/case, 1/pkg
138107	6" Extended Blade Electrode, Standard	40/case, 1/pkg

Please contact your local ConMed Electrosurgery Representative or Customer Service at 1-800-448-6506 today to arrange an evaluation.

CONMED CORPORATION PRODUCT AREAS:

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