

Better for the Surgeon. Better for the OR Staff. Better for the Patient.



LEXION

Authorized Distribution

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ROBOTIC • UROLOGY • GYNECOLOGY • GENERAL SURGERY • BARIATRIC • COLORECTAL • PEDIATRIC • THORACIC



AP^{50/30}

REAL-TIME INTELLIGENT INSUFFLATOR

The AP 50/30 is the world's first comprehensive pneumo management system created for the surgeon and the patient. It delivers 100% CO₂ to reduce the incidence of subcutaneous emphysema as compared to CO₂ with added air.*

Using air (nitrogen) to supplement pneumo has been shown to be hazardous and harmful to patients.**

* According to published studies 1/279 patients reported subcutaneous emphysema, pneumomediastinum and pneumothorax complications during/after laparoscopic surgery with conventional CO₂ insufflators.

** According to published studies 12/73 patients reported subcutaneous emphysema, pneumomediastinum and pneumothorax complications during/after laparoscopic surgery with valveless trocars (used with the compatible insufflator).

- The AP 50/30 Insufflator is a 50 L/min CO₂ insufflator with true 30 L/min gas delivery regardless of instrument or scope present
- Utilizes real-time Intracavitary pressure and flow sensing technology to deliver optimum pneumo throughout the entire surgery
- Maintains a constant pressure regardless of leaks or spikes
- Offers Standard/High Flow, Pediatric, Bariatric and Vessel Harvesting Modes
- Enhanced safety and reliability during all laparoscopic and robotic procedures

The First and Only Real Time CO₂ Insufflator

Safe. Effective. Reliable.

95°
Fahrenheit
95%
Humidity



95 °F / 95% RH

Insuflow[®] | Port

INSUFLOWPORT[®] SERIES

Lexion Medical's AP 50/30 insufflator provides true insufflation delivery of 50 liters per minute. It's the only device on the market that when used with the InsuflowPort[®] can measure true real time pressure at the patient abdomen providing the safest design on the market. Pneumoperitoneum has never been more consistent even in the most extreme conditions of surgery.

The gas conditioning InsuflowPort[®] is designed to enhance laparoscopy for the patient and surgeon by pre-conditioning gas to 95 °F and 95% RH. The unique design allows multi-directional high flow gas dispersion enabling you to operate without fear of losing pneumo.

InsuflowPort[®] Series dramatically decreases incidence of fogging for optimal visualization at all times. The optical entry allows controlled tissue layer visualization with minimum fascial entry. This technology has application for all laparoscopic and robotic procedures.

- Pure CO₂ flow rate of 3-50 lpm
- Consistent true real time measurement at the patient for the industry's fastest response time
- Multiple modes with Pediatric, Bariatric and Vein Harvesting options
- The only conditioning CO₂ gas port (95° F and 95% RH)
- Radial gas dispersion optimizes visualization
- Increased gas flow rate
- Flow consistency
- Optical entry for direct visualization
- Improved clinical outcomes
- Dramatically reduced hypothermia and post-op pain



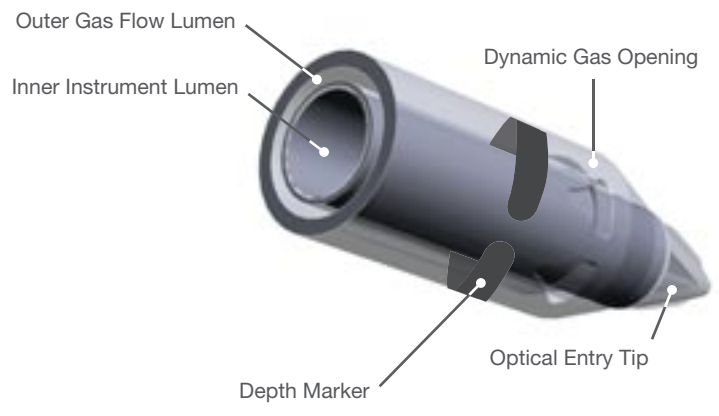
Improves Visibility Throughout Surgery

SIDE VIEW OF PORT TIP



Radial gas dispersion maintains visualization and distention throughout the procedure.

PORT TIP CROSS-SECTION



InsuflowPort® visual obturator is a standard on all port sizes

The InsuflowPort® design creates a dedicated, separate, unobstructed insufflation gas flow path creating the highest CO₂ gas delivery flow rates available. InsuflowPort® provides consistent velocity and pneumoperitoneum, even with an instrument present. Gas does not flow through the port scope or instrument

lumen. Gas flow is separated to an isolated outer channel diverting gas away from the port tip laterally.

The increased rate of gas delivery and radial dispersion along with intra abdominal pressure sensors effectively maintain visualization and abdominal distention throughout the procedure.

Available Port Sizes

					Bariatric Sizes		
	5 mm InsuflowPort®	8 mm InsuflowPort®	10 mm InsuflowPort®	12 mm InsuflowPort®	8 mm InsuflowPort®	10 mm InsuflowPort®	12 mm InsuflowPort®
Diameter	5 mm	8 mm	10 mm	12 mm	8 mm	10 mm	12 mm
Length	100 mm	100 mm	100 mm	100 mm	130 mm	130 mm	130 mm
Part Number	4100-5	4100-8	4100-10	4100-12	4100-8B	4100-10B	4100-12B

*Port Sizes and Part Numbers

GOT SMOKE? ELIMINATE IT.

Don't Just Evacuate,
When You Can **Eliminate**
Toxic Gases, Vapors
and Particulates

THE **ONLY** SAFE HAZARDOUS SMOKE EVACUATION DEVICE ON THE MARKET
THAT MEETS OSHA REQUIREMENTS AND REMOVES 100% OF HARMFUL GASES.



Variable Speed Smoke Evacuation Device

**UNINTERRUPTED
SMOKE
EVACUATION**

Conventional smoke evacuators have not been widely accepted because of their inability to quickly clear the smoke and maintain the pneumoperitoneum.

PneuVIEW[®]XE is the only safe versatile disposable active surgical smoke eliminator designed to deliver powerful smoke evacuation while eliminating all harmful contaminants.

PneuVIEW[®] XE protects the surgeon, the OR staff and patients from the long-term effects of smoke exposure and CO poisoning including:

- Headaches
- Shortness of Breath
- Tinnitus
- Abdominal Pain
- Chest Pain
- Nausea / Vomiting

**ACTIVE LAPAROSCOPIC
SMOKE EVACUATOR**

Eliminates 100% of combustion by-products and surgical smoke generated

A smoke evacuator designed for all existing wall or suction canisters

PneuVIEW[®]XE evacuates 4-15 liters per minute



**PASSING SMOKE
THROUGH A
CONVENTIONAL FILTER
OR RECIRCULATING SMOKE
IS STILL HAZARDOUS**

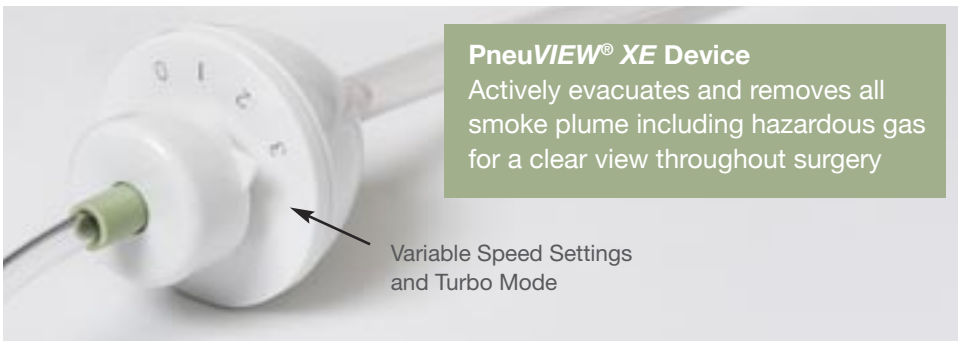


**CONVENTIONAL
PASSIVE &
RECIRCULATING
LAPAROSCOPIC
SMOKE FILTERS**

Recirculating filters expose patients and staff to high levels of hazardous gases

Filtering only capture some particulates and does not remove harmful gases

Passive filters can clog easily and increase cost by requiring multiple filters per procedure



PneuVIEW[®] XE Device

Actively evacuates and removes all smoke plume including hazardous gas for a clear view throughout surgery

Variable Speed Settings and Turbo Mode