

# FREE-BREATHING PULMONEX<sup>®</sup> HOSE KIT

*When unrestricted breathing is critical*



**T**he Pulmonex Xenon System has negligible internal breathing resistance, yet excess breathing resistance can be due to improper hose apparatus to the patient, particularly if long, small diameter corrugated hoses are used.

This inexpensive, high quality, “free breathing” hose kit includes all required components and adapters to replace disposables on older Pulmonex styles (#130-500).

The kit contains two 130-901 “Clean-Bore” hoses (36" 1 x 1 1/8" dia), two 130-904 hose clamps, and a 130-902 non-rebreathing anesthesia valve (inlet and outlet 7/8" O.D.), which permits the use of standard disposable bacteria filters and masks while providing unrestricted airway.

## **130-900** Pulmonex Kit, Free-Breathing Hose

### Replacement:

**130-901** Hose, “Clean-Bore”, 36" 1

**130-902** Valve, Anesthesia

*Hans Rudolph, non-rebreathing*

**130-903** Adapter, Hose

*.875" x 1.125" dia (2.2 x 2.9 cm)*

**130-904** Clamp, Hose

# XENO VAP<sup>™</sup> ADMINISTRATION SYSTEM



*For ventilator-assisted patients*

**T**he XenoVAP<sup>™</sup> Administration System is an inexpensive, disposable device used to administer Xenon-133 and to collect the expired gas on ventilator-assisted patients. The system accommodates any standard tracheotomy tube (15 mm I.D.).

The ventilator-assisted patient is removed from their regular device and placed on this system for short term ventilator assistance during the procedure. The patient's breathing is first stabilized and then Xe-133 is injected into the system. The VAP is squeezed and held until sufficient counts are collected by the gamma camera system or until the patient must breathe. The pump is squeezed and released, forcing the patient to breathe through the system to collect an “equilibrium phase” image. When sufficient data has been collected, the valve is opened and the patient breathes room air and Xe-133 is eliminated into a collection bag. The gamma camera system should immediately begin collecting data for the “washout phase” image.

When the study is complete, the entire rebreathing system is disposed of in accordance with NRC regulations.

### *System contents include:*

- Ventilator-Assist Pump (VAP) with 2037 cc volume capacity
- Endotracheal Tube Connection (15 mm I.D.) accommodates standard tracheotomy tube
- Injection Site for administration of Xe-133
- Oxygen Inlet to collection bag
- CO<sub>2</sub> Absorber (pre-filled with Soda-Lime and dust filter)
- 35-liter Collection Bag

**060-139** Administration System, XenoVAP<sup>™</sup> ®

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