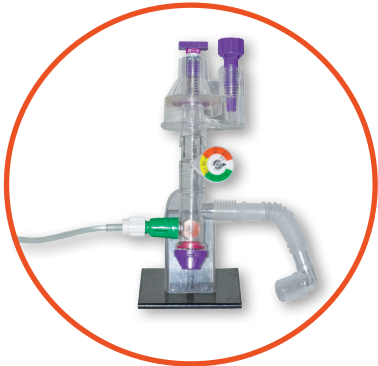


AIRWAY MANAGEMENT

VAR[®] (VORTRAN[®] Automatic Resuscitator)



- For patients 10 kg and above
- Automatic pressure cycled ventilation
- For breathing or non-breathing patients
- Delivers FiO₂ at 50% or 100%
- Safe for MRI and CT scan
- Disposable, single patient, multiple use
- Easy to set up and use
- Meets ASTM requirements

The VAR[®] device is a unique single patient use, disposable resuscitator. It provides consistent, reliable, hands-free ventilatory support via a mask or endotracheal tube using a continuous gas flow source. The Model PC has a gas entrainment feature for the delivery of 50% FiO₂ by entraining room air, significantly reducing the consumption of oxygen. The versatile VAR[®] (Models PT & PC) is suitable for pediatric and adult patients (body mass of 10 kg and above). The VAR[®] product line is to be used by properly trained personnel for the delivery of short term, constant flow pressure cycled ventilatory support in emergency and hospital environments. They are cost competitive and provide more consistent ventilation than manual resuscitators.

Ordering Information

	Order Number	Case Qty	O ₂ Tubing Length	Pressure Manometer	Flex Hose	Ø22mm Tube	Gas Entrainment
VAR [®] Model PT	PT-5000	10	7'		✓		
with Manometer	PTM-5001	10	7'	✓	✓		
with Extension Kit	PTE-5002	10	20'	✓	✓	✓	
VAR [®] Model PC	PC-5010	10	7'		✓		✓
with Manometer	PCM-5011	10	7'	✓	✓		✓
with Extension Kit	PCE-5012	10	20'	✓	✓	✓	✓

Operational Characteristics

Recommended body weight.....	10 kg and above	Dead space.....	4 ± 3 mL
Ventilatory frequency.....	Auto-adjusting to lung capacity	Operating environmental limits...	-18 to 50° C
Adjustable peak pressure range...	10 to 45 cm-H ₂ O	Storage environmental limits.....	-40 to 60° C
PEEP.....	1/5 th of PIP (2 to 9 cm-H ₂ O)	Gas inlet.....	DISS connection
Inspiratory resistance.....	3 ± 1 cm-H ₂ O/L/sec	Oxygen concentration when supplied with 100% O ₂	50 - 85% (PC Models)
Expiratory resistance.....	3 ± 1 cm-H ₂ O/L/sec		
Patient connection.....	Ø15 mm female, Ø22 mm male		

AIRWAY MANAGEMENT

VORTRAN® Test Lung Kit



- Single Lung for Pediatrics
- Double Lung for Adults
- Three Resistor Settings
(Rp5, Rp20, Rp50 cm-H₂O/L/sec)
One Set for Each Lung
- Adjustable Lung Compliance
Single Lung Range: 10 to 20 mL/cm-H₂O
Double Lung Range: 20 to 40 mL/cm-H₂O
- Easily Cleaned Between Uses
Disposable Breathing Bag
Completely Eliminates Cross Contamination

The VORTRAN Test Lung (VTL™) Kit is ideal for use in training, demonstration, and testing applications to simulate respiratory response for both adult and pediatric patients. The VTL™ features a unique independent compliance adjustment for each lung (single and double lungs) and a set of three resistor settings (Rp5, Rp20, & Rp50) providing versatility and performance at an affordable price.

VTL™ Kit Order Number: VTL-3600

VTL™ Kit is easy to set up and contains:

- | | |
|--|--------|
| • Lung assembly (PN 3561)..... | 2 each |
| • Latex-free 1 liter breathing bag (PN 3587)... | 2 each |
| • Resistor Rp5 cm-H ₂ O/L/sec (PN 3595)..... | 2 each |
| • Resistor Rp20 cm-H ₂ O/L/sec (PN 3596)..... | 2 each |
| • Resistor Rp50 cm-H ₂ O/L/sec (PN 3597)..... | 2 each |
| • Carrying bag (PN 3585)..... | 1 each |

VAR® Surgical Center Kit



- Meets CMS "Emergency Equipment" mandate for mechanical ventilatory assistance equipment
- Meets FDA and ASTM guidelines for gas-powered, automatic resuscitators
- Disposable ventilator for short term emergency backup ventilation
- Train your staff by meeting "Emergency Personnel" requirements
- Easy set up with the training materials
- Kit includes (Order No. 5050):
 - 3 ea - VAR-Plus (Model PCM-5011)
 - 1 ea - Oxygen regulator (RG-2162)
 - 1 ea - Training CD
 - 1 ea - Test lung