

VR1 Emergency and Transport Ventilator



The PneuPac® VR1 emergency ventilator is designed for caregivers wherever breathing failure emergencies occur: in hospitals, industrial or commercial settings, transport situations, or remote locations. The unit's simplicity, portability, and safety make it the ideal choice for emergency ventilation. A single control for setting the frequency and tidal volume, including a click-stop setting at the recommended adult position, enables rapid set-up in demanding circumstances. Auto/manual controls, a patient demand system, MR compatibility, and other features provide the means to manage respiratory emergencies.

For more information, visit smiths-medical.com/pneupac

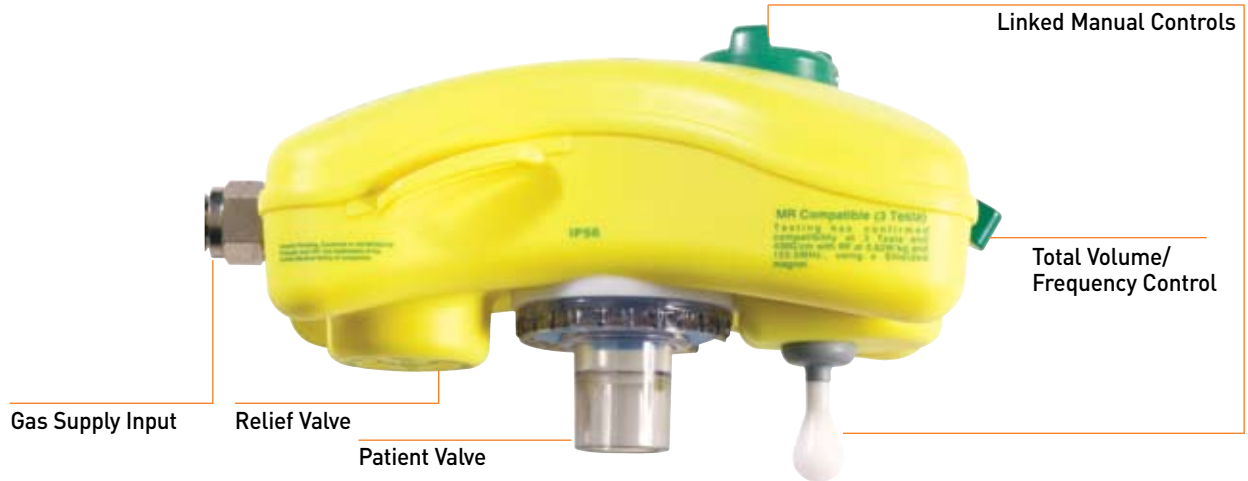
VENTILATION

PneuPac™



VR1 Emergency and Transport Ventilator

- Small, lightweight design has all the advantages of portability, without compromising key clinical features.
- Single control for tidal volume/frequency control enables quick set-up for patients' requirements.
- Auto/manual control allows the operator to choose automatic mode or to provide ventilation manually.
- Integrated patient demand system allows synchronized interaction with the patient's own breathing efforts.
- Oxygen powered unit eliminates the need for electricity.
- Linked manual controls allow the ventilator to be used in a variety of chest compression/ventilation options in cardiac life support.
- Patient valve/input hose is extremely flexible and easily removed for cleaning.
- MR compatibility provides maximum flexibility for transport within the hospital.
- Optional Air Mix feature



Technical Specifications

- **Principle of Operation**
Oxygen powered, hand-held control unit with patient valve including automatic and manual modes with demand breathing
- **Manual Mode**
Preset breaths, singly or in a controlled breathing pattern may be selected by use of a push-button or omni-directional lever
- **Automatic Mode**
The ventilatory resuscitator cycles in accordance with the setting of a single control that changes the tidal volume and frequency dependently with a constant I:E ratio of 1:2
- **Patient Type**
Patients above 10kg with and without spontaneous breathing
- **Demand**
Included
- **Control**
Single, calibrated, tidal volume/frequency control gives simultaneous and inter-dependent adjustment of tidal volume and frequency
- **Tidal Volume and Frequency**

150 ml/25 bpm	750 ml/11 bpm
300 ml/20 bpm	900 ml/10 bpm
450 ml/15 bpm	1050 ml/10 bpm
600 ml/12 bpm (detent)	
- **Flow Range**
11-32 L/min
- **Air Mix**
Optional
- **Pressure Relief with Pneumatic Alarm**
40 cm H₂O standard
60 cm H₂O optional when purchased
- **Dimensions**
Length: 6.69 inches (170 mm)
Width: 3.74 inches (95 mm)
Height: 3.94 inches (100 mm) including patient valve
- **Weight**
14.82 ounces (420 grams)
- **Standards**
EN60601-1, EN794-3: 1999
- **Catalog Number**
520A1125 Pneupac® VR1
520A1126 Pneupac® VR1 with Air Mix

Information subject to change without notice. Please read the instructions for use supplied with the product for detailed instructions, warnings and cautions.

For more information, please call Smiths Medical PM, Inc., at 262-542-3100 or 800-558-2345, or your Smiths Medical distributor.

Smiths Medical PM, Inc.

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