# Smiths Medical Pneupac ParaPac

**Smiths Medical Pneupac ParaPac**

Designed specifically for use by respiratory therapists, paramedics, and trained emergency personnel, ParaPAC® enables greater control of breathing parameters. The dual controls allow easy selection of tidal volume and frequency to match your patient’s ventilatory requirements. Suitable for ventilation during emergency or controlled transportation of adults, children and infants. MRI compatibility gives maximum flexibility for transport within the hospital.

**Product Benefits**

- Separate controls for tidal volume and frequency
- Unique CMV/Demand – Demand feature
- Patented mode of operation
- Adjustable pressure relief with audible alarm
- Air mix facility
- Optional PEEP facility
- Integrated pressure monitoring/alarm system
- Low gas supply indicator
- Pneumatically powered
- Lightweight and durable

# Viasys Avea

**Viasys Avea**

**Automating Everyday Tasks**

The AVEA ventilator automates many of the routine tasks you face every day, allowing you to focus on what's most important— your patient.

- Automated MIP/NIF, AutoPEEP and Slow Flow maneuvers
- Programmable oxygen increase
- Artificial airway compensation
- Leak compensation

**Connecting you to your patient**

The exclusive BiCoreTM technology integrated into the AVEA ventilator connects you to your patient like no other ventilator can.

- Work of breathing—guiding ventilator weaning with work of breathing has been shown to reduce ventilator days.
- Transpulmonary pressure—studies suggest that the use of transpulmonary pressure guidance in mechanical ventilation may allow you to optimize PEEP titration. What's most important is that this can be done in real time, with no complex maneuvers and no disruption in ventilation.

**Volume-based capnography**

- Advanced CO2 measurements
- Traditional time-based capnography
- Alveolar, anatomic and physiologic dead spaces
- Vd/Vt ratio, alveolar minute ventilation

**Slow-flow PFLEX**

- One of four automated assessment maneuvers
- Low-inflection point calculation
- High-inflection point calculation
- Storage of four measurements for comparison (superimposable)

**Accurate tracheal and esophageal monitoring**

- Measure the actual work imposed by the endotracheal tube
- Tracheal pressure monitoring
- Esophageal pressure monitoring
- Transpulmonary pressure monitoring

Get the Operation Manual Here

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# Viasys Vela

**Viasys Vela**

**Intuitive operation**

The Simple Touch™ user interface on the VELA ventilator reduces training time, produces consistency in method and enhances clinician confidence.

**Connecting you to your patient**

The exclusive BiCoreTM technology integrated into the Vela ventilator connects

you to your patient like no other ventilator can.

- Work of breathing—guiding ventilator weaning with work of breathing has been shown to reduce ventilator days.
- Transpulmonary pressure—studies suggest that the use of transpulmonary pressure guidance in mechanical ventilation may allow you to optimize PEEP titration. What's most important is that this can be done in real time, with no complex maneuvers and no disruption in ventilation.

**Full Featured**

- Invasive and noninvasive critical care ventilator
- Pediatric through adult applications
- Advanced settings to treat the most difficult-to-ventilate patient
- Multiple noninvasive modes with automatic leak compensation to provide more ventilatory support options
- Dual-limb noninvasive ventilation helps eliminate CO2 and rebreathing of exhaled gases
- Apnea backup ventilation with user-selectable breath type
- Integrated end-tidal capnography monitoring
- Performs multiple applications from the emergency room to critical care and sub-acute settings
- Operates independent of air sources for greater flexibility
- Portable unit allows patients to stay on NIV therapy during transport
- High pressure O2 inlet with blender
- Low pressure O2 inlet with accumulator
- Internal battery capacity of six hours

- Compatible with speaking valves
- Patented turbine technology with flow capabilities of 180 LPM
- Two-year warranty, with a five-year or 40,000-hour warranty on the turbine
- Accurate, integrated FiO2 delivery, monitoring and alarms
- Complete 24-hour trended data of all patient parameters
- No scheduled maintenance of the turbine with a low cost of ownership

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