

# smiths medical

## pneupac®

### babyPAC™

Transport Ventilator



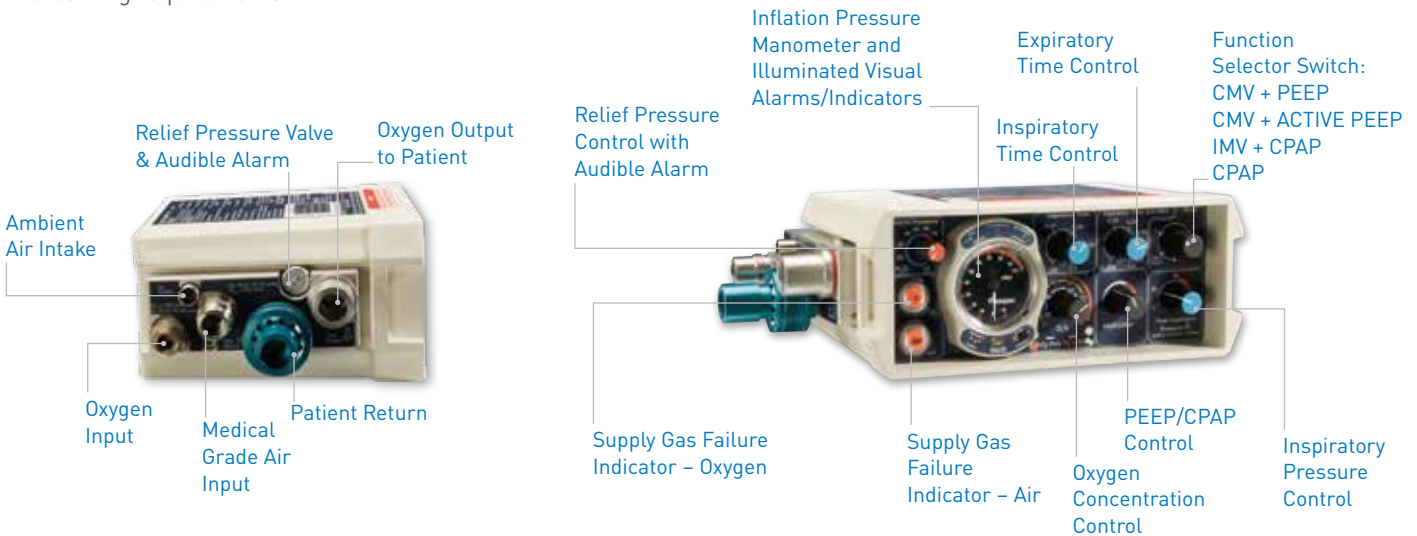
When the smallest lives are in your hands, you need equipment you can depend on like the babyPAC™ emergency and transport ventilator. The babyPAC™

ventilator's comprehensive range of features is designed specifically for the delicate neonate and infant lungs. The babyPAC™ ventilator is MRI

compatible and allows for precise oxygen concentrations. Accessories/disposables used with the babyPAC™ ventilator are also available from Smiths Medical.

## babypAC™ VENTILATOR

- Unique variable gas mixing system extends cylinder life and allows precise selection of oxygen concentration to meet patient needs.
- Calibrated inspiratory pressure control provides continuous adjustment of the end inspiratory pressure.
- Separate controls for inspiratory and expiratory provide careful management of inspiratory/expiratory time and pressure to suit patient breathing requirements.
- Four operating modes: CMV + PEEP; CMV + Active PEEP; IMV + CPAP; CPAP.
- Integrated pressure monitoring/alarm system uses visual and audible alarms to ensure patient safety.
- Adjustable pneumatic pressure relief with audible alarm provides a wide range of options to accommodate patient needs.
- Dual function PEEP/CPAP control allows continuous adjustment of pressure in the breathing circuit.
- MR compatibility allows flexible transport throughout the hospital.
- Low O<sub>2</sub> and air supply indicators change color as gas supplies deplete.
- Pneumatic operation eliminates the need for other power sources.



## TECHNICAL SPECIFICATIONS

babyPAC™ - Transport Ventilator	
<b>Principle of Operation</b>	Time/pressure cycled
<b>User Type</b>	Neonates and Infants up to 44 lbs (20 kg)
<b>Ventilation Mode</b>	CMV + PEEP; CMV + Active PEEP; IMV + CPAP; CPAP
<b>Tidal Volume</b>	330 - 0 mL
<b>Inspiratory Time</b>	0.25 - 2.0 seconds
<b>Expiratory Time</b>	0.25 - 4.0 seconds; IMV 2.5 - 40 seconds
<b>Frequency &amp; I:E Ratio</b>	10 - 80 b/min (I:E 1:2); 12 - 96 b/min (I:E 1:1.5); 15 - 120 b/min (I:E 1:1)
<b>Flow Within Breathing Circuit</b>	Preset at 10 L/min
<b>Air Mix</b>	45 - 100% O <sub>2</sub> oxygen only as supply 21 - 70% O <sub>2</sub> oxygen and air as supply
<b>Pressure Relief with Pneumatic Audible Alarm</b>	10 - 80 cm H <sub>2</sub> O (10 - 80 x 100Pa)
<b>Electronic Pressure Monitoring/Alarm System</b>	Optional - Visual and Audible Alarms for: High Pressure; Continuous Pressure; Low/Disconnect Pressure; Low Air Supply Pressure; and Low Battery
<b>Inflation Pressure Monitor</b>	-10 to + 100 cm H <sub>2</sub> O; -10 to + 100 (x 100) Pa
<b>PEEP Capability</b>	0 - 20 cm H <sub>2</sub> O (0 - 20 x 100P) with click action warning above 10 cm H <sub>2</sub> O
<b>Active PEEP</b>	2/3 - 20 cm H <sub>2</sub> O (2/3 - 20 x 100Pa) with click action warning above 10 cm H <sub>2</sub> O
<b>MR Compatible</b>	3 Tesla actively shielded magnet with a max gradient of 430 G/cm and RF of 0.82 W/kg at 125.5 Mhz
<b>Dimensions</b>	3.7" H x 8.7" W x 6.4" D 9.2 cm H x 22 cm W x 16.2 cm D
<b>Weight</b>	8.3 lbs (3.75 kg)
<b>Standards</b>	EN60601-1, EN794-3: 1999

For more information visit [smiths-medical.com/pneupac](http://smiths-medical.com/pneupac)

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