

pneupac™



babyPAC™

Transport Ventilator



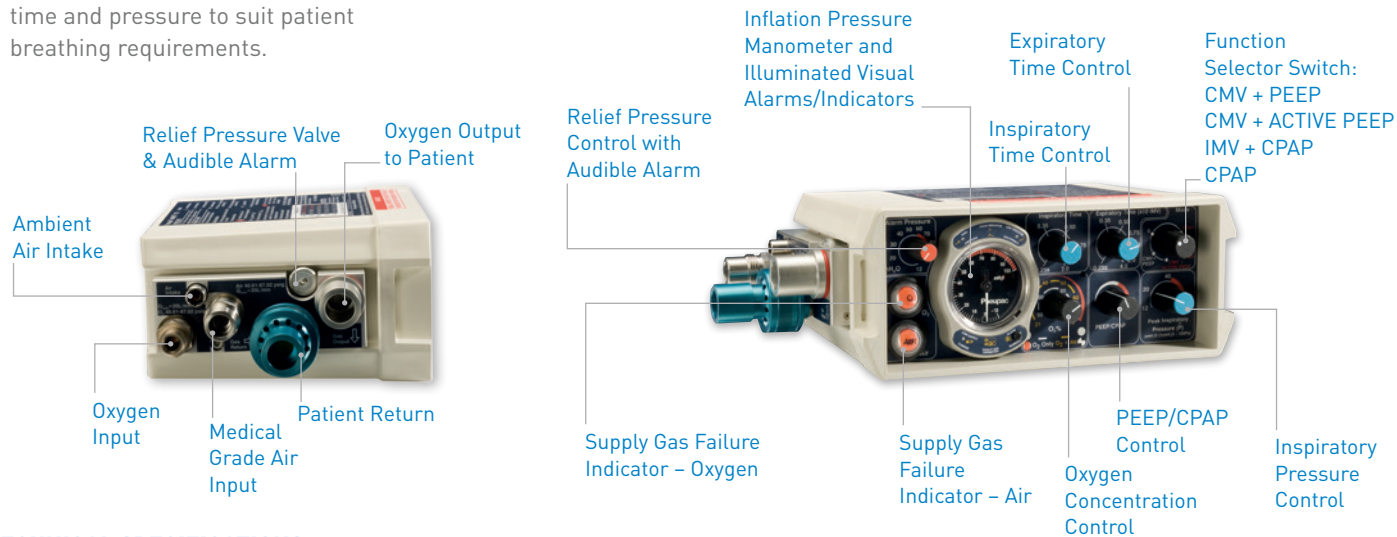
When the smallest lives are in your hands, you need equipment you can depend on like the babyPAC™ emergency and transport ventilator. The babyPAC™

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 O₂ and air supply indicators change color as gas supplies deplete.
- Pneumatic operation eliminates the need for other power sources.



TECHNICAL SPECIFICATIONS

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

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