

babyPAC™



When the smallest lives are in your hands, you need equipment you can depend on like the babyPAC™ emergency and transport ventilator. The babyPAC™ comprehensive range of features is designed specifically for the delicate neonate and infant lungs. The babyPAC™ is MRI compatible and allows for precise oxygen concentrations. Accessories/disposables used with the babyPAC™ ventilator are also available from Smiths Medical PM, Inc.

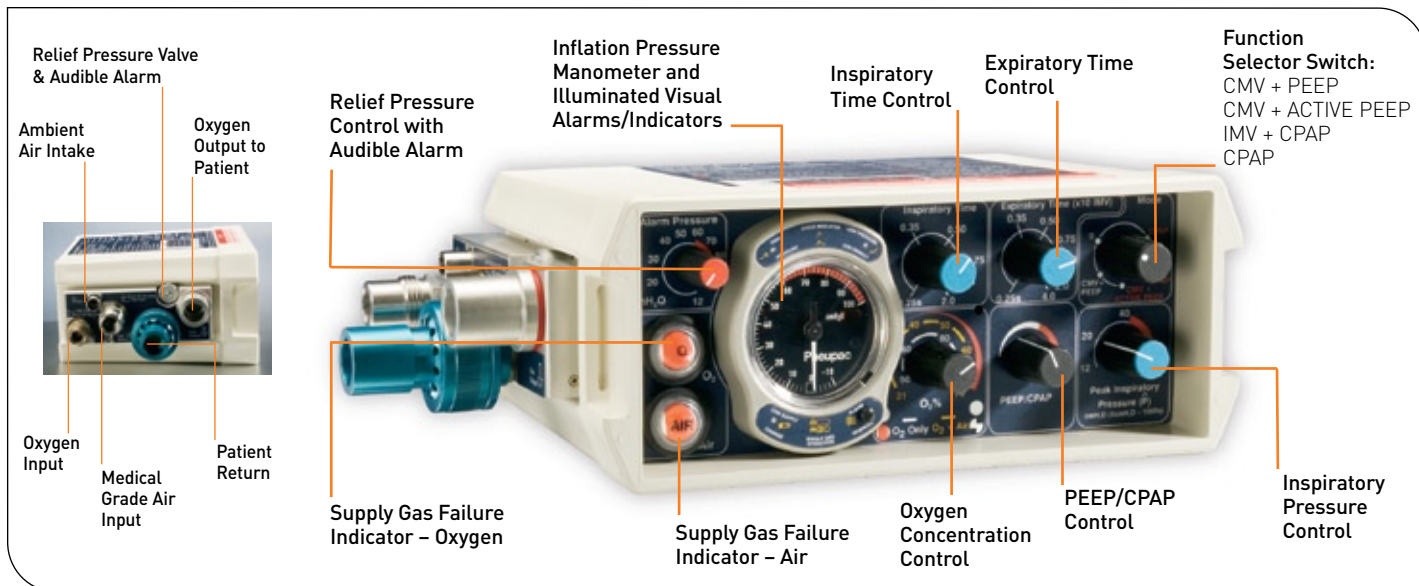
For more information visit smiths-medical.com/pneupac.

TRANSPORT VENTILATION

Pneupac™

babyPAC™

- 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

• Principle of Operation

Time/pressure cycled

• User Type

Neonates and Infants up to 44 lbs (20 kg)

• Ventilation Mode

CMV + PEEP; CMV + Active PEEP; IMV + CPAP; CPAP

• Tidal Volume

330 - 0 ml

• Inspiratory Time

0.25 - 2.0 seconds

• Expiratory Time

0.25 - 4.0 seconds; IMV 2.5 - 40 seconds

• 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)

• Flow Within Breathing Circuit

Preset at 10 L/min

• Air Mix

45 - 100% O₂ oxygen only as supply
21 - 70% O₂ oxygen and air as supply

• Pressure Relief with Pneumatic Audible Alarm

10 - 80 cm H₂O (10 - 80 x 100Pa)

• 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

• Inflation Pressure Monitor

-10 to + 100 cm H₂O; -10 to + 100 (x 100) Pa

• PEEP Capability

0 - 20 cm H₂O (0 - 20 x 100P) with click action warning above 10 cm H₂O

• Active PEEP

2/3 - 20 cm H₂O (2/3 - 20 x 100Pa) with click action warning above 10 cm H₂O

• 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

• 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)

• Standards

EN60601-1, EN794-3: 1999

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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