

# Respironics BiPAP Focus

- **DIGITAL AUTO-TRAK™ SENSITIVITY** – Like many other Respironics bi-level ventilators, the BiPAP Focus System includes Respironics' proprietary Digital Auto-Trak Sensitivity. This feature assures optimum triggering and cycling sensitivity throughout changing breathing patterns and leaks. It also eliminates the need for a perfect seal of the patient interface and constant adjustment while promoting patient-ventilator synchrony.
- **LARGE USER INTERFACE** – Designed for the hospital environment, the user interface is easy to use. It allows the practitioner to easily and quickly adjust patient care settings.
- **PATIENT PARAMETERS DISPLAY** – This valuable feature conveniently allows the practitioner to view all patient parameters at once.
- **PRESSURE BAR GRAPH** – Quickly and clearly indicates patient breaths and pressure ranges.
- **EASY-TO-USE ALARMS** – Pressure alarms are automatically set to 5 cm H<sub>2</sub>O above IPAP and below EPAP settings, minimizing nuisance alarms and enhancing patient safety.
- **BACKUP BATTERY** – An integral backup battery system maintains patient ventilation in the event of an interruption in power. This safety feature also provides a convenient method for intra-hospital patient transport from one care area to another with uninterrupted ventilatory care.
- **TOTAL VENTILATION SOLUTIONS** – The BiPAP Focus Ventilator is part of our Total Ventilation Solutions<sup>SM</sup> that help treat, monitor and manage respiratory-impaired patients.

## Specifications

- **CPAP Pressure:** 4 to 20 cm H<sub>2</sub>O (4 to 20 hPa) Resolution: 1 cm H<sub>2</sub>O (1 hPa)  
Dynamic Accuracy: ±5 cm H<sub>2</sub>O (±5 hPa)
- **EPAP Pressure:** 4 to 20 cm H<sub>2</sub>O (4 to 30 hPa) Resolution: 1 cm H<sub>2</sub>O (1 hPa)  
Dynamic Accuracy: ±5 cm H<sub>2</sub>O (±5 hPa)
- **IPAP Pressure:** 4 to 30 cm H<sub>2</sub>O (4 to 20 hPa) Resolution: 1 cm H<sub>2</sub>O (1 hPa)  
Dynamic Accuracy: ±5 cm H<sub>2</sub>O (±5 hPa)
- **Rise Time:** Settings 1 to 6 (where 1 = 0.1 sec and 6 = 0.6 sec) Resolution: 1  
Accuracy: ±10% of setting (at R=50, C=20)

- Rate: 1 to 30 BPM
- Resolution: 1 BPM Accuracy:  $\pm 1$ BPM or  $\pm 10$  % of setting whichever is greater over a 4 minute period. I-Time and Rate settings cannot allow I-Time to exceed expiratory time.
- I-Time: 0.5 to 3 sec Resolution: 0.1 sec Accuracy:  $\pm 0.1 + 10\%$  of setting sec I-Time and Rate settings cannot allow I-Time to exceed expiratory time.
- Ramp Time: 0 to 45 min Resolution: 5 min Accuracy:  $\pm 10\%$  of setting
- Ramp Start: 4 cm H<sub>2</sub>O to EPAP (4 hPa to EPAP) Resolution: 1 cm H<sub>2</sub>O (1 hPa)
- Patient Circuit Pressure: Range: 0 to 35 cm H<sub>2</sub>O (0 to 35 hPa) (continuous bar graph display)
- Rate: Range: 0 to 99 BPM
- Estimated V<sub>t</sub>: Range: 0 to 4000 mL
- Estimated MV: Range: 0 to 99 L/min
- Patient Leak: Range: 0 to 200 L/min
- Apnea Rate: Range: 0 to 99 per hour
- High System Pressure Alarms: 5 cm H<sub>2</sub>O (5 hPa) over target IPAP pressure (Automatic)
- Low System Pressure Alarms: 5 cm H<sub>2</sub>O (5 hPa) under target EPAP pressure (Automatic)
- Apnea Alarms: Range: 20, 40, 60 sec or Off
- Apnea Rate Alarms: Range: 5, 10, 20 apneas per hour or Off
- Nurse Call Alarms: Supports normally open or normally closed systems
- Dimensions: 5.5" H x 11.4" W x 14" D (140 mm x 290 mm x 355 mm)
- Weight: 10 lb (4.5 kg)
- Input Rating: 100VAC / 230VAC and 50/60 Hz
- Battery Backup: 3.8 amp-hour (NiMH)
- Fuse: No replaceable fuse
- Nurse Call: Rated current: 0.280 A Rated voltage: 250 V