



## BiPAP® FOCUS™ NONINVASIVE VENTILATION SYSTEM WITH AUTO-TRAK™ SENSITIVITY

The BiPAP Focus Noninvasive Ventilator is a basic bi-level delivery system designed specifically for the institutional setting. Ventilatory assistance is provided to stable, lower acuity patients with respiratory insufficiency or failure.

Compact and lightweight, the BiPAP Focus System provides features that make delivery of noninvasive ventilation easy and effective:

### 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™ that help treat, monitor and manage respiratory-impaired patients.



# BiPAP® Focus™

## Noninvasive Ventilation System

### Product Specifications

**Pressure** CPAP 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 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 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: ±1BPM or ±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: ±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: ±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 Parameters

**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 Vt** 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

### Ordering Information

### Part Number

BiPAP Focus Ventilator 1033869

BiPAP Focus Ventilator Stand 1032846



### Alarms

**High System Pressure** 5 cm H<sub>2</sub>O (5 hPa) over target IPAP pressure (Automatic)

**Low System Pressure** 5 cm H<sub>2</sub>O (5 hPa) under target EPAP pressure (Automatic)

**Apnea** Range: 20, 40, 60 sec or Off

**Apnea Rate** Range: 5, 10, 20 apneas per hour or Off

**Nurse Call** Supports normally open or normally closed systems

### Physical

**Dimensions** 5.5" H x 11.4" W x 14" D  
(355 mm x 290 mm x 140 mm)

**Weight** 10 lb (4.5 kg)

### Power

**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

### Options

Display units, alarm volume, screen contrast, screen brightness, reverse video, screen lock timer

Resironics Inc.: +1-724-387-4000

Resironics EAME: +33-1-47-52-30-00

Resironics Deutschland: +49-81-52-930-60

Resironics France: +33-2-51-89-60-00

Resironics Italy: +39-03-62-63-43-1

Resironics UK: +44-870-770-3434

Resironics Asia Pacific: +81-3-5280-9611

WARNING: The BiPAP Focus is an assist ventilator intended to augment the ventilation of a spontaneously breathing patient. It is not intended to satisfy the total ventilatory requirements of the patient. Refer to the BiPAP Focus Clinical Manual for complete information on application.

CAUTION: U.S. federal law restricts this device to sale by or on the order of a physician.

"Resironics" and "BiPAP" are registered trademarks; "Focus" and "Auto-Trak" are trademarks; and "Total Ventilation Solutions" is a service mark of Resironics, Inc. and its affiliates.

©2006 Resironics, Inc. and its affiliates. All rights reserved.

GEYER - RT 3/10/06 MCI 4100540

PN 1034812