

# BiPAP® AUTO WITH Bi-FLEX®

AUTOMATICALLY EASIER.

AUTOMATICALLY BETTER.

AUTOMATICALLY INCLUDED.



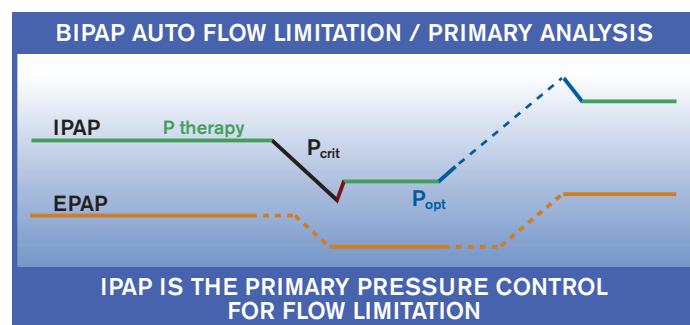
# Introducing the first-ever auto-adjusting bi-level sleep system.

The new BiPAP® Auto brings together a unique combination: Digital Auto-Trak™, Bi-Flex® and auto-adjusting pressure. And it's quite possibly the best way to improve sleep therapy Acceptance, Comfort and Results for your most challenging patients.

## An automatically better sleep therapy tool.

Like the proven REMstar® Auto, the BiPAP Auto with Bi-Flex features the same “multi-level” algorithm that uses two different sets of analytical parameters to keep track of a patient's breathing.

Initially, the primary analysis seeks out instances of flow limitation at inhalation by measuring the roundness, flatness, peak and shape of each breath. Based on changes in these measurements, the BiPAP Auto makes systematic, subtle changes in pressure and assesses the impact of these changes on the patient's breathing patterns. It can also determine how much of a response is necessary to eliminate events and position the patient with a more appropriate pressure – as well as compensate for elevated leak levels and variable breathing.

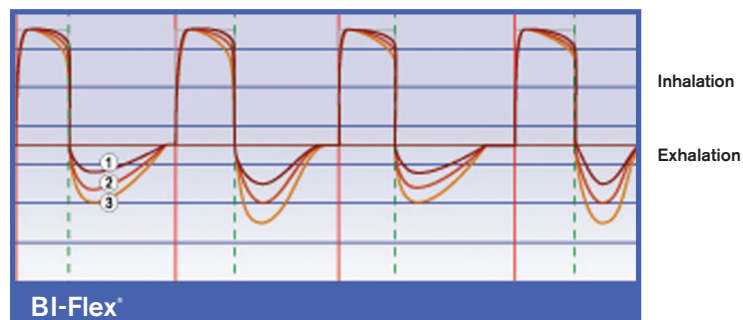
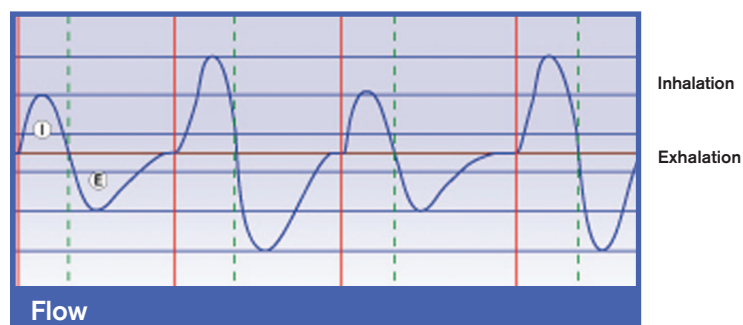


A secondary set of analysis parameters determines the occurrence of breathing problems like apnea, hypopnea, snoring, variable breathing and elevated leak levels based on their effects on the patient's airflow signal. Once it detects one of these events, the secondary analysis immediately begins to ramp up the pressure level to a point that eliminates or compensates for the event.

## Bi-Flex® delivers a higher level of comfort – and proven results.

While the multi-level algorithm makes sure your patients are receiving effective therapy, Bi-Flex makes therapy more comfortable. Bi-Flex technology is a more natural way to deliver bi-level therapy that softens airflow delivery at the end of inhalation and beginning of exhalation. Patient-adjustable settings of “1,” “2” and “3” provide progressively increased pressure relief to best meet individual needs.

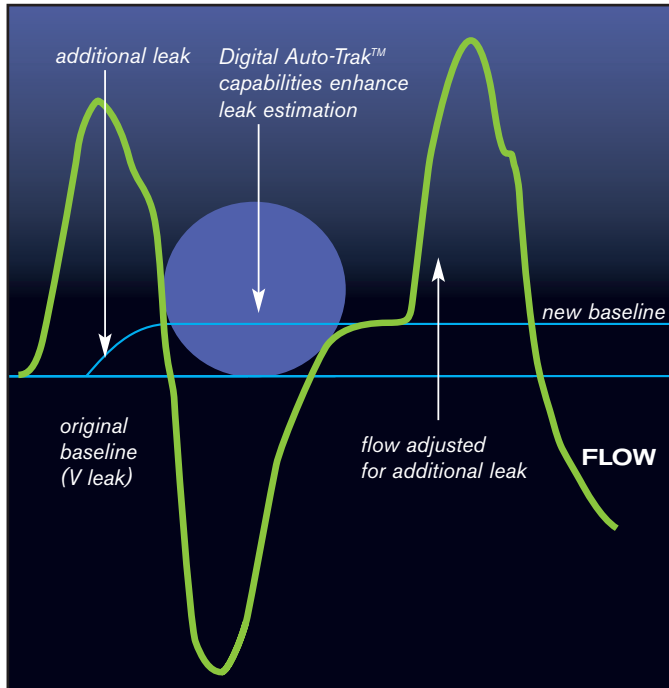
This more comfortable approach to bi-level therapy has been shown to deliver a higher level of therapy success for your most difficult patients. One study\* showed that 54% of non-compliant CPAP patients could adhere to their therapy when introduced to Bi-Flex. The BiPAP Auto gives you your best chances of repeating these results with your patients by giving you superior technology without additional cost to you.



\*Gay, P.C., et al., *Sleep*. Volume 28, Abstract Supplement 2005, #625, p. A210.

## Digital Auto-Trak™ Sensitivity: The brains behind Bi-Flex.®

At the heart of the BiPAP® Auto is our patented Digital Auto-Trak technology – our way of making therapy more natural by tracking, and reacting to, a patient's natural breathing pattern. Digital Auto-Trak can detect the point of inhalation and exhalation in every breath, and that allows Bi-Flex to make each breath more comfortable.



## Benefit from the flexibility of an integrated heated humidifier.

Adding humidification is another way to make therapy more acceptable for non-compliant sleep therapy patients, and the BiPAP Auto makes it easy to add heated humidification while maintaining the integrated look of the unit.



Heated Humidifier



Get detailed sleep therapy progress reports with Encore Pro compatibility.

## Encore® Pro compatibility gives you more insight into patient therapy.

To make this a fully loaded sleep system, the BiPAP Auto comes complete with Respiration's® Encore Pro SmartCard® technology built in. This allows you to gain greater insight into the efficacy of a patient's therapy regimen by tracking factors like apnea / hypopnea index, leak and snore.

The SmartCard records the date, time, ramp usage, duration of each session and can even be programmed to update the patient's prescription. Plus, it allows you to use the Encore Data Management System to improve overall care without overtaxing your staff.



This simple mail-in card helps reduce home visits and eliminates the need for patients to transport their device to your facility.

## Specifications

MODES OF OPERATION	Bi-level, Auto Bi-level, Bi-level with Bi-Flex, Auto Bi-level with Bi-Flex
PRESSURE RANGE	IPAP: 4 cm H <sub>2</sub> O to 25 cm H <sub>2</sub> O EPAP: 4 cm H <sub>2</sub> O to 25 cm H <sub>2</sub> O
STARTING RAMP PRESSURE	4 cm H <sub>2</sub> O to EPAP level
RAMP TIME	0 to 45 minutes. (5-minute increments)
DIMENSIONS	9.45" (l) x 6.69" (w) x 4.72" (h) 24 cm (l) x 17 cm (w) x 12 cm (h)
WEIGHT	< 4 lbs. (1.8 kg)
FILTERS	Reusable Pollen and optional Ultra-fine
DEVICE SET-UP	On-board keypad and SmartCard
DATA STORAGE CAPACITY	6 months @ 3 usage sessions/day; 7 days in-depth data analysis
DATA STORAGE CONTENT	Date, time, duration at pressure, patient event histograms, short-term detailed events, long-term trends, FOSQ tests
COMPLIANCE METER	Breathing detection; sessions > 4 hours
ALTITUDE COMPENSATION	Automatic
ELECTRICAL REQUIREMENTS	100 – 240 VAC 24 VDC (when operated with the external DC power adapter accessory)
DC POWER	Direct-connect cord
WARRANTY	2 years
MISCELLANEOUS	Integrated heated humidification, lighted keys on pad, automatic on/off, mask off alert

## Products

Product	Part No.
BiPAP Auto w/Bi-Flex (device only)	1017439
BiPAP Auto w/Bi-Flex (Core Package) (Includes: device and heated humidifier)	1017442

Accessories	Part No.
Pollen Filters (reusable; 2 per pack)	1005964
Ultra Fine Filters (disposable; 2 per pack)	1005945
Filter Cap	1008479
Carrying Case	1005965
Reusable Patient tubing (6 ft. [1.8 m], gray)	622038
DC Power Adapter	1012975

Encore Pro Software and SmartCard	Part No.
Encore Pro Software	1009583
Encore Shielded Communications Cable (6 ft./1.83 m)	1000814
Encore 9 to 25 Pin Cable Adapter	532348
SmartCard Reader Station	1003543
Pack of SmartCards (10 cards)	1003304
FOSQ Clinical Reprint ( <i>Sleep</i> , 20(10): 835-843)	1000141
FOSQ Questionnaire, English (Call customer service for other languages.)	1004550

Humidifiers	Part No.
Heated Humidifier	1005792
Heated Humidifier Chamber (replacement)	1008619
Integrated Pass-over Humidifier	1011785



Customer Service: 1-800-345-6443 or 724-387-4000  
 Respironics Europe: +33-1-47-52-30-00  
 Respironics Asia Pacific: +81-3-5280-9611

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