



# One intelligent solution

System One sleep therapy platform gets even smarter with advanced intelligence for optimum care and easier patient management.

**PHILIPS**

**RESPIRONICS**

sense **and** simplicity

# Industry-leading enhancements and innovations

The enhanced System One features a host of innovative technologies and features that improve both the patient and provider/clinician experience.



## REMstar Pro with AutoIQ

While in Auto-Trial phase, AutoIQ will use our proven auto algorithm to provide breath-by-breath therapy, for a single day or for multiple days adding up to a total of 30 days. By learning your patient's breathing patterns and treatment needs during the trial phase, Auto-Trial is smart enough to identify an ideal therapy pressure specifically for that patient. The device will automatically deliver the pressure the patient was at or below 90% of the time, or it will deliver a fixed pressure that has been set by the clinician.

Clinicians can opt to use all 30 Auto-Trial days up front or choose to use a shorter trial period and save the balance for a later date – adding to your convenience should a patient's conditions or needs change. For example, if you choose to use only seven days of the Auto-Trial phase at the start of a patient's treatment, you will have 23 available days remaining should an important change in your patient's condition occur, such as a significant weight loss or gain. This process can be repeated until you use the entire 30 days of Auto-Trial functionality on a given device – and the 30 days never expire. With the Auto-Trial phase and AutoIQ, the control, choice, and flexibility are yours.



Once the ideal pressure is established, the Auto-Check phase evaluates the patient's events every 30 hours to determine if a pressure change is needed. If there is no need for an adjustment, the pressure will remain the same. However, if after 30 hours the device determines that the pressure should be adjusted, it will automatically raise or lower the pressure 1 cm at a time, or remain at the same pressure, with an upper and lower limit of 3 cm H<sub>2</sub>O. Of course, the AutoIQ mode conveniently keeps you informed via EncoreAnywhere, while supporting the best possible attention and care for your patients.



Other recent enhancements include:

- Reduced sound levels over the previous generation
- Dual modes with remote switching
- Improved humidity output and control
- Mask fit and seal detection
- Easy night-time viewing
- Enhanced filtration design
- 15 mm tubing option
- Multilingual display

# One intelligent package

Our enhanced System One sleep therapy platform continues to bring key intelligent technologies together in a single device.



Developing smarter tools that help sleep professionals provide better care and achieve better results has always been the goal of Philips Respironics. In that spirit, we're delivering an intelligent therapy device that practically thinks for itself. Through advancements in software algorithms and the marriage of proven patient-centric technologies, System One carefully tracks your patient's progress, recognizes when therapy needs are changing, and keeps you well informed.

The newest device in the System One platform – the REMstar Pro with AutoIQ — is a CPAP system smart enough to track up to 30 days while delivering breath-by-breath therapy as it learns the patient's treatment needs. Based on what it learns, it then sets a fixed pressure. AutoIQ checks back every 30 hours just to see if the therapy pressure it established is still on track. If not, REMstar Pro with AutoIQ automatically adjusts to obtain an ideal pressure. All without the need to send someone from the care team to patients' homes. It's one intelligent solution that is always curiously smart and powerfully convenient.



# Five components of int

And every step of the way it arms you with the intelligent data you need to make informed patient-care decisions. To make that even more efficient, the Broadband/Oximetry Accessory is a modem that will use a patient's existing home internet connection to provide a fast and secure patient monitoring solution. Add it all up and System One is more than intelligent technology; it's smart practice. And it's one more way that Philips Respironics is working as your ally in better sleep.

System One knows:

- When, why, and how changes should be made to consistently and continually provide exceptional therapy
- The essential data you need and how to get it to you in a useable format

## 1 System One Humidity Control and Dry Box technologies

Philips' best humidification management to prevent rainout\* and water damage.

System One Humidity Control is a breakthrough technology that maintains consistent and optimum humidity levels – even in changing conditions – by analyzing ambient temperature, relative humidity, and patient flow. With five settings – using either an improved humidity control that minimizes the potential for rainout in the patient circuit, or “classic” mode that lets patients turn off Humidity Control altogether – System One delivers customized comfort. And our Dry Box technology isolates the humidifier's water source from the inner workings of the device during normal, and most uncommon, conditions.

## 2 System One Resistance Control

Exceptional pressure delivery, no matter which mask is used.

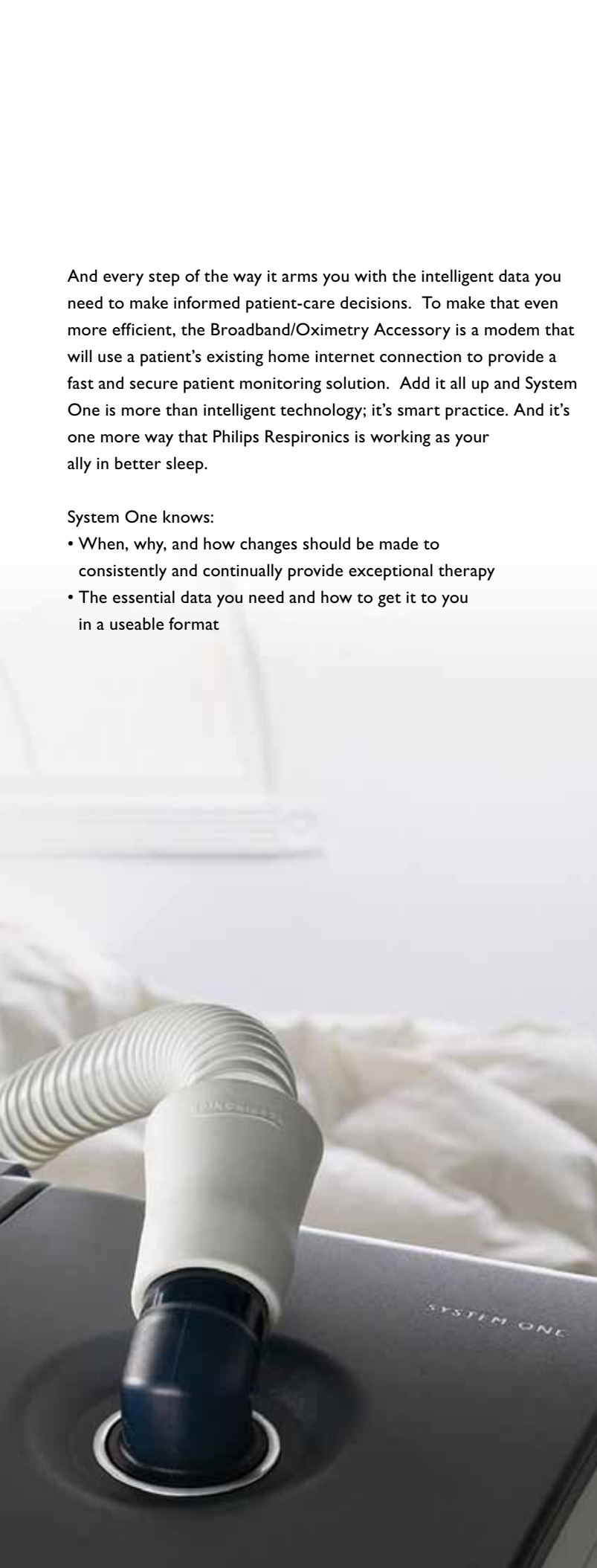
System One Resistance Control achieves complete system comfort by allowing the device and mask to work well together. Through simple settings, the technology instructs the device to compensate for variable resistance characteristics related to different masks. The result is synchronous pressure delivery and the assurance that patients can enjoy the full benefits of our Flex comfort technologies no matter which Philips Respironics mask is used.

## 3 Advanced event detection

Identification of complicated and changing conditions that may indicate alternative therapy.

System One addresses advanced sleep assessment parameters, including AHI, leak, flow limitation, and RERAs to provide exceptional therapy for obstructive sleep apnea (OSA). Now, in one of our most exciting advancements, System One's intelligent advanced detection technology identifies when patients are experiencing symptoms beyond those of classic OSA – including such conditions as clear airway apneas and periodic breathing – immediately indicating the potential need for specialized therapy. Clinicians and providers can verify events by viewing detailed patient flow waveform data captured by the system, which also features a setting that can detect mask fit and seal in real time.

\* Under most conditions.



# elligent therapy

## 4 Flex Family technologies

Improved patient comfort with proven pressure relief.

Our natural and clinically proven, patented technologies that enhance traditional pressure therapy – C-Flex, Bi-Flex, A-Flex, and now C-Flex+ in our fixed-CPAP mode advanced units – are an excellent way to establish increased patient comfort and sleep therapy compliance. And since our advanced Digital Auto-Trak algorithm detects the onset of inspiration and exhalation, our flow-based Flex technologies deliver just the right pressure relief for every breath, making it easier for patients to adapt to therapy. Each Flex-enabled System One device has an on-board Flex Demo mode to allow patients to feel the difference for themselves at the push of a button.

## 5 Encore data management and reporting

Intelligent patient management for improved patient compliance.

The best intelligence is only valuable if it's easily accessible. That's why we've made sure vital patient information is available through multiple options of data transfer and reporting, including memory cards and modems.\*\* System One now includes on-board data memory along with our available wireless modem technology, which allows for patient data to be uploaded automatically on a daily basis. EncoreAnywhere data management software allows patient data to be viewed virtually anywhere through a secure website, accessible from any computer. Putting more patient intelligence in your hands is a key component of effective patient management.

\*\* Not available in all countries.



### System One: the intelligent choice

With its enhancements and innovations plus unmatched service and support, it's easy to see why the industry's most intelligent sleep therapy system is the smart choice for patients and an equally smart business decision for providers and clinicians. To learn more about the System One, contact your Philips Respiroics representative or visit [www.philips.com/systemone](http://www.philips.com/systemone).

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