



# 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.



Reduced sound levels	With the addition of our advanced WhisperSmart technology, designed to make our industry-leading Flex Family of pressure relief technologies operate more quietly, System One is one of the quietest devices on the market when it matters most: when patients are breathing on it.
Dual modes with remote switching	Now, System One BiPAP Pro and BiPAP Auto devices come equipped with both bi-level and CPAP capabilities and can be easily switched between modes – including remotely via computer – when clinicians and providers need to adjust patient therapy. The convenience of having both options in a single unit is another innovation designed to save providers from having to make additional trips to patients' homes.
Improved humidity output and control	With improved humidity output, System One offers five patient-selected relative humidity settings to deliver customized comfort while dramatically reducing rainout. In addition, our "classic" mode provides the ability to shut off Humidity Control, if preferred.
Mask fit and seal monitoring	With the Mask Fit feature, System One Auto devices give patients the ability to check the seal of their masks in real time and lets them and their clinicians know what leaks may result when pressures increase from baseline throughout the night.
Easy night-time viewing	A back-lit screen ensures patients will be able to see System One's interface even in the dark.
Enhanced filtration design	Packaged with each device, a white, ultra-fine filter provides filtration that may enhance comfort without increasing noise or changes in efficacy.
15 mm tubing option	System One now features both 15 mm and 22 mm tubing options that may provide greater patient comfort and customization of therapy.
Multilingual display	System One devices can be set to display different languages, depending on the country of use. U.S. models display English or Spanish; Canada models display English or French.

# One intelligent package

Our enhanced System One sleep therapy platform brings a number of key intelligent technologies together in a single device.



Philips Respironics has long offered smarter tools that help sleep professionals provide better care and achieve better results. Now, based on more than a year of customer use and input, we're delivering an even higher level of sophistication in an intelligent therapy device that operates exactly the way you've told us it should.

Through advancements in software algorithms and the marriage of proven patient-centric technologies, System One thinks for itself, carefully monitoring your patient and recognizing when therapy needs are changing. It then arms you with the intelligent data you need to make informed patient-care decisions.



# Five components of int

System One knows:

- When, why, and how changes should be made to consistently and continually provide optimum therapy
- How to maximize patient comfort for improved long-term compliance
- The essential data you need and how to get it to you in a useable format

System One is a thinking platform that puts all-new levels of control, compliance and efficiency right at your fingertips... one more way we're committed to working with you to arrive at better solutions for better living.

## 1 System One Humidity Control and Dry Box technologies

Industry-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

Optimized pressure delivery, no matter which mask is used.

System One Resistance Control achieves complete system comfort by enabling the device and mask to work optimally 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 optimum therapy for obstructive sleep apnea (OSA). Now, in one of our most exciting advancements, System One’s intelligent advanced detection technology detects 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 even features a setting that automatically monitors 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 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 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 enables 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 therapy and compliance 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/respiroics](http://www.philips.com/respiroics).



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