Comfort and control

System One Humidity Control and Dry Box enhance patient comfort and device performance.

Delivering consistent humidity levels while establishing reliable water management adds up to improved patient compliance and fewer callbacks.

System One Humidity Control
System One Humidity Control has been designed with enhanced intelligence to establish optimum patient comfort and device performance. Patients select one of five settings to receive a consistent delivery of relative humidity at the mask that meets their personal needs.

Using new and advanced sensing technologies, System One Humidity Control closely monitors room temperature, room humidity, and flow to determine what is required to maintain the patient-selected relative humidity level – even when environmental conditions change. By controlling relative humidity output at the mask, System One Humidity Control can prevent rainout. With such intelligent control, our other comfort technologies, such as Flex, perform at their peak, providing maximum comfort and encouraging long-term compliance.

Dry Box technology
Through a combination of our cleverly-designed water chamber plus the advanced new Dry Box design, the risk of water ingress into the device is virtually eliminated – and so are the related callbacks. Even a fully-filled* water chamber can be tilted and even turned upside down without leaking back into the device. Should any water manage to escape the chamber, the Dry Box prevents it from entering the device.

*Filled to “FULL” indicator line

New Dry Box technology
keeps water only where needed

PHILIPS
RESPIRONICS
Breakthrough technology that eliminates rainout

- System One Humidity Control prevents rainout by maintaining a consistent mask humidity.
- Patients choose the mask humidity setting (1-5) that is most comfortable for them.
- System One Humidity Control maintains a consistent mask humidity by monitoring and adjusting for changes in room temperature and room humidity.
- Other manufacturers' devices only monitor, and adjust for, room temperature; as a result, rainout may occur.

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Advance notice

Advanced event detection keeps caregivers informed about patient therapy condition.

Detecting patient events and notifying the care team of required therapy adjustments assures optimal patient care.

Our new advanced detection algorithm builds on the clinically-proven Respironics event detection technology to create even greater device intelligence. In addition to monitoring the ongoing effectiveness of CPAP therapy, our new advanced event detection distinguishes obstructed airway (OA) apneas from clear airway (CA) apneas and informs you when a more advanced therapy device may be called for. The algorithm also automatically recognizes and reports when periodic breathing conditions such as Cheyne-Stokes respiration exist, allowing the care team to identify potential related comorbidities in a timely manner.

With our new ability to display patient flow, medical professionals can better assess patient conditions and needs. It's an intelligent system that gives you the advance notice you need to better manage your patients and your business.

Most devices can only determine if an apnea has occurred. Our new advanced detection is the only technology that can determine if the patient’s airway was open or closed during the apnea. After several seconds of significant flow reduction, the device delivers test pressure pulses and determines the airway to be clear if this pulse generates a significant amount of flow. This is reported as a clear airway apnea.

Periodic breathing, such as Cheyne-Stokes respiration, is recognized by a persistent waxing and waning breathing pattern. Periodic breathing is commonly associated with cardiac issues and may suggest a more serious patient condition. Advanced event detection provides the care team with information that can be used to identify potential patient complications.
Easy access

Encore patient management makes it quick and simple to obtain vital patient therapy intelligence.

Knowing exactly what patients are experiencing at any given moment of therapy is key to making intelligent patient management decisions.

Encore patient management contributes to an intelligent sleep therapy system by providing timely and secure access to comprehensive patient therapy data. Through an intelligent web-based platform, EncoreAnywhere delivers on its name, providing the care team – regardless of where its members are located – with instant access to patient data via new wired or wireless modem options. As a result, the team can collaborate and respond with prescription changes in real time. EncorePro provides the same level of data via an SD card. Both systems are intuitive and secure, making it simpler and more practical to access the patient intelligence that contributes to more intelligent patient and business management.

EncoreAnywhere: intelligence at your fingertips
With the new wireless or wired modem connection, EncoreAnywhere automatically downloads data for instant access. Through a secured-access website available via any computer, physicians, sleep lab professionals, and home care providers can view timely, accurate patient information and then instantly change prescriptions or communicate as necessary. Thanks to a highly intuitive interface, putting such intelligence to work is surprisingly simple, efficient and cost effective. Better patient compliance and increased care team efficiency; that’s intelligent therapy management.

EncorePro: simple and secure
The next generation of EncorePro is better than ever for day-to-day patient management. We’ve simplified the interface while beefing up security, making all of the notifications, reminders, contact records, patient data and reports more secure and even easier to access.