An enhanced platform

Ease-of-use

1. Friendly navigation
   - on front and pull bottom.

2. Easy-right-time viewing
   - Touching the wheel or the ramp button, illuminate the screen and automatically turn off after 30 seconds. This new backlit screen allows patients to see System One’s interface as master from dark to their bedroom.

3. International use
   - The screen information is available in a number of international languages. A central user option is also available.

Reliability

Through a combination of the intelligently designed water chamber, the risk of water ingression into the device is virtually eliminated.

A filled water chamber may be tilted and even turned upside down without leaking back into the device.

The intelligent solution

System One Sleep Therapy System uses advanced intelligence to deliver excellent care while making patient management easy.

Reprogrammability,

An enhanced platform

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  - The screen information is available in a number of international languages. A central user option is also available.

System One: a quality choice

In addition to the enhanced features and appearance of System One, we’ve built even more quality and durability:

- Among the quietest sleep therapy system available
- Water ingress protection thanks to the water chamber design and the Dry Box technology
- Durable, easy to service, top-mount tubing connections
- Commitment to quality excellence has earned Philips Respironics the prestigious 2011 Manufacturing Plant of the Year by Assembly Magazine

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Please visit www.philips.com respironics to find out more.

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The REMstar Auto algorithm provides the latest technology in sleep apnea treatment. In head-to-head comparative studies, the REMstar Auto better suppresses obstructive events at significantly lower pressure levels and has the most hours of patient use per night. Furthermore, when compared to conventional CPAP, patients have preferred treatment with the REMstar Auto.

Advanced event detection
In addition to monitoring spores, hypoxia, flow limitation, ears, nasals, our advanced event detection recognizes and reports RERA, periodic breathing, snore, and also distinguishes ablated airway events from clear airway events, informing you when a more advanced therapy device may be required.

Advanced event response
Thanks to our advanced event detection, our algorithm does not react to clear airway events, reacting only on obstructive events and therefore providing excellent treatment efficacy.

New OptiStart feature on the REMstar Auto
The initial setting is recalculated every 30 hours depending on the 90% pressure during the night. It will reduce the likelihood for events at the beginning of the night.

Flex technologies
C-Flex, Bi-Flex, A-Flex and C-Flex+ are our clinically proven technologies that improve patient comfort while maintaining treatment efficacy. Thanks to our advanced Digital Auto-TRAK algorithm that detects the onset of inspiration andexpiration, our Flow technologies deliver just the right pressure relief at the right time, for every breath, making it easier for patients to adapt to therapy. C-Flex is our newest enhancement to comfort relief for our advanced CPAP units. The on-board Flex demo mode allows patients to feel the difference, simply by pressing a button.

New mask fit and seal monitoring
System One can check mask fit and test the fit and clinicians know the status in real-time, even when the device is off.

15 mm tubing
System One also features a 15 mm tubing option, offering excellent comfort, as it is flexible, light, easy to pack and quiet when in operation.

System One humidity control
By analyzing ambient temperature, relative humidity and patient flow, the System One humidity control delivers optimum humidity and ultimate comfort to the patient, while reducing rainout, even in changing environmental conditions. The new optional heated hose provides even more absolute humidity for patients sleeping in a cold environment.

Improved follow-up
SD card
The storage capacity of a 4GB memory SD card permits to save patient’s detailed therapy data. Thus, patient air flow waveforms may provide crucial information and simplify the patient’s therapy follow-up.

Memory on board
For additional data safety, a back-up memory has been built-in on the device, avoiding any accidental loss of vital information. Furthermore, recording of data can be avoided when performing manual titration with PC Direct.

Simple and intuitive
Users will find it easy to understand and, thanks to a tabbed navigation system, finding data becomes more intuitive.

EncorePro 2 takes patient management performance to an even higher level

Proven efficacy
The System One REMstar Auto algorithm provides the latest technology in sleep apnea treatment. It has been shown to improve patient outcomes and increase patient compliance compared to conventional CPAP devices.

Smart comfort
Flexible technologies
The C-Flex, Bi-Flex, A-Flex and C-Flex+ technologies ensure comfortable pressure relief that adapts to patient needs in real-time, improving sleep quality.

System One humidity control
The System One REMstar Auto algorithm provides optimum humidity control, ensuring a comfortable sleep experience.

Improved follow-up
Storage options
The device offers an SD card for data storage and a memory on board for additional data safety, ensuring patient data is secure.

Simple and intuitive
User-friendly design
The device features an intuitive interface with a tabbed navigation system, making it easy for patients to find and understand the data.

Secure
Data security
The device helps to comply with increasing patient data security needs, maintaining patient privacy.

Proven efficacy, smart comfort, and improved follow-up for optimized patient compliance, on an enhanced platform.
The System One REMstar Auto algorithm provides the latest technology in sleep apnea treatment. In head to head comparative studies, the REMstar Auto better suppresses obstructive events at significantly lower pressure levels and has the most hours of patient use per night. Furthermore, when compared to conventional CPAP, patients have preferred treatment with the REMstar Auto.

References

Advanced event detection
In addition to monitoring apnea, hypopnea, flow limitation, snore, and leak, our advanced event detection recognizes and reports RERA, Periodic Breathing such as Cheyne-Stokes respiration, and also distinguishes obstructed airway events from clear airway events, informing you when a more advanced therapy device may be required.

Advanced event response
Thanks to our advanced event detection, our algorithm does not react to clear airway events, meaning only an obstructive events and therefore providing excellent treatment efficacy.

New Opti Start feature on the REMstar Auto
The initial setting is recalculated every 30 hours depending on the 90% pressure during the night. It will reduce the likelihood for events at the beginning of the night.

Flex technologies
C-Flex, Bi-Flex, A-Flex and C-Flex+ are our clinically proven technologies that improve patient comfort while maintaining treatment efficacy. Thanks to our advanced Digital Auto-TRAK algorithm that detects the onset of inspiration and exhalation, our Flex technologies deliver just the right pressure relief at the right time, making it easier for patients to adapt to therapy. C-Flex+ is our newest enhancement to comfort relief for our advanced CPAP units. The on-board Flex demo mode allows patients to feel the difference simply by pressing a button.

New mask fit and seal monitoring
System One can check mask fit and seal and let patients and clinicians know the status in real time, even when the device is off.

15 mm tubing
System One also features a 15 mm tubing option, offering excellent comfort, as it is flexible, light, easy to pack and quiet when in operation.

Improved follow-up

SD card
The storage capacity of a 4GB memory SD card permits to save all patient’s detailed therapy data. Thus, patient air flow waveforms may provide crucial information and simplify the patient’s therapy follow-up.

Memory on board
For additional data safety, a back-up memory has been made available on the device, avoiding any accidental loss of vital information. Furthermore, recording of data can now be enabled when performing manual titration with PC Direct.
The System One REMstar Auto algorithm provides the latest technology in sleep apnea treatment. In head to head comparative studies, the REMstar Auto better suppresses obstructive events at significantly lower pressure levels\(^1\) and has the most hours of patient use per night.\(^2\) Furthermore, when compared to conventional CPAP, patients have preferred treatment with the REMstar Auto.\(^3\)

References

Proven efficacy, smart comfort, and improved follow-up for optimized patient compliance, on an enhanced platform

### Smart comfort

**Flex technologies**
- C-Flex, Bi-Flex, A-Flex and C-Flex+ are our clinically proven technologies that improve patient comfort while maintaining treatment efficacy. Thanks to our advanced Digital Auto-TRAK algorithm that detects the onset of inspiration and exhalation, our Flex technologies deliver just the right pressure relief at the right time, making it easier for patients to adapt to therapy. C-Flex is our newest advancement, in surface relief for our advanced CPAP units. The on-board Flex demo mode allows patients to feel the difference, simply by pressing a button.

**New mask fit and seal monitoring**
- System One can check mask fit and seal and let patients and clinicians know the status in real-time, even when the device is off.

**Improved follow-up**
- SD card
- The storage capacity of a 4GB memory SD card permits to save all patient's detailed therapy data. Thus, patient air flow waveforms may provide crucial information and simplify the patient’s therapy follow-up.

**EncorePro 2 takes patient performance to an even higher level**
- Simple and intuitive
- Users will find it easy to understand and, thanks to a tabbed navigation system, finding data becomes more intuitive.

- Secure
- It helps to comply with increasingly strict patient data security needs by providing a secure way of storing information.

- SD card
- The storage capacity of a 4GB memory SD card permits to save all patient's detailed therapy data. Thus, patient air flow waveforms may provide crucial information and simplify the patient’s therapy follow-up.

**Memory on board**
- For additional data safety, a back-up memory has been made available on the device, avoiding any accidental loss of vital information. Furthermore, recording of data can now be achieved when performing manual titration with PC Direct.

**System One humidity control**
- By analysing ambient temperature, relative humidity and patient airflow, the System One humidity control delivers optimum humidity and ultimately comfort to the patient, while reducing rainout, even in changing environmental conditions. The new optional heated hose provides even more absolute humidity for patients sleeping in a cold environment.

**New innovative solution for a quiet night**
- Philips Respironics System One is among the most quiet sleep therapy systems available, above all when it matters most: while the device is being used by patients.

- The new noise reduction enhancements offer a healthy, good quality, night sleep and contribute greatly to a superb patient treatment compliance. Physicians and providers may also benefit from fewer callbacks.

**Advanced event detection**
- In addition to monitoring apneas, hyponas, flow disruptions, screen breaths and reports RERAs, Periodic Breathing such as Cheyne-Stokes respiration, and also distinguishing elevated airway pressures from clear airway pressures, informing you when a more advanced therapy device may be required.

**Advanced event response**
- Thanks to our advanced event detection, our algorithm does not react to clear airway pressure, reacting only on obstructive events and therefore providing unparalleled treatment efficacy.

**New Opti Start feature on the REMstar Auto**
- The initial setting is recalculated every 30 hours depending on the 90% pressure during the night. It will reduce the likelihood for events at the beginning of the night.

**Flex technologies**
- C-Flex, Bi-Flex, A-Flex and C-Flex+ are our clinically proven technologies that improve patient comfort while maintaining treatment efficacy. Thanks to our advanced Digital Auto-TRAK algorithm that detects the onset of inspiration and exhalation, our Flex technologies deliver just the right pressure relief at the right time, making it easier for patients to adapt to therapy. C-Flex is our newest advancement, in surface relief for our advanced CPAP units. The on-board Flex demo mode allows patients to feel the difference, simply by pressing a button.

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An enhanced platform

Ease-of-use

1. Friendly navigation with rare and pull buttons.
2. Easy night-time viewing. Tilting the wheel or the ramp buttons, illuminates the screen and automatically turns off after 30 seconds. This new back-up screen allows patients to see System One’s interface in a matter from dark to their bedroom.
3. International use. The screen information is available in a number of international languages. A customised language is also available.

Reliability

Through a combination of the intelligently designed water chamber, the risk of water ingress into the device is virtually eliminated. A filled water chamber may be tilted and even turned upside down without leaking back into the device.

System One: a quality choice

In addition to the enhanced features and appearance of System One, we’ve built even more quality and durability:

• Among the quietest sleep therapy system available.
• Water ingress protection thanks to the water chamber design and the Dry Box technology.
• Durable, easy to clean, replaceable tubing connections.
• Commitment to quality excellence has earned Philips Respironics the prestigious 2011 Manufacturing Plant of the Year by Assembly Magazine.

The intelligent solution

System One Sleep Therapy System uses advanced intelligence to deliver excellent care while making patient management easy.

Please visit www.philips.com/respironics to find out more.
Ease-of-use

1. Friendly navigation with rear and pull buttons.
2. Easy night time viewing. Touching the wheel or the ramp button, illuminates the screen and automatically turns off after 30 seconds. This new back-up screen allows patients to see System One’s interface in a matter of a few days after their first use.
3. International use. This screen information is available in a number of international languages. A certified use option is also available.

Reliability

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Philips Respironics has been recognized as the world’s leading sleep therapy provider, and is a global leader in respiratory care and diabetes management.

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