An enhanced platform

Ease of use

1. **Friendly navigation**
   - with turn and push button

2. **Easy night-time viewing**
   - Touching the wheel or the ramp button illuminates the screen, and the back light automatically turns off after 30 seconds. This new back-lit screen allows patients to see System One’s interface via water from the dry box is in their bed-times.

3. **International use**
   - The screen information is available in a number of international languages. A universal icon option is also available.

Reliability

Through a combination of the Dry Box technology and 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 in even more quality and durability:

- Among the quietest sleep therapy systems available
- Water ingress protection thanks to the water chamber design and the Dry Box technology
- Durable, easy to clean, non-maintaining connectors
- 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

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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

Proven efficacy

Advanced event detection
In addition to monitoring apnea, hypopneas, flow limitations, snoring and leak, our advanced event detection recognizes and reports RERA, Periodic Breathing as well as Cheyne-Stokes respiration, and also distinguishes obstructed sleep apnea from clear airway apnea, 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 apneas; it reacts only to obstructive events, thereby 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 expiration, our Flex 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 continue preferred 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 and then 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.

Smart comfort

System One humidity central
By analyzing ambient temperature, relative humidity and patient flow, the System One humidity central delivers optimum humidity and ultimate comfort to the patient, while reducing condensate, even in changing environmental conditions. The new optional heated humidifier 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 superb patient treatment compliance. Physicians and providers may also benefit from fewer callbacks.

Improved follow-up

SD card
The storage capacity of a 4GB memory SD card enables use as a tool of patient- derived therapy data. Thus, patient offline workflow may provide crucial information and simplify the patient’s change follow-up.

EncorePro 2 takes patient management 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.

Efficient
The device remembers individual patient requirements and prioritises actions according to levels of urgency. Summaries, notifications, and interactive tracking for critical patient information ensures excellent patient management.

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 enables use as a tool of patient-derived therapy data. Thus, patient offline workflow may provide crucial information and simplify the patient’s change follow-up.

Memory on board
For additional data safety, a backup memory has been made available on the device, ensuring no accidental loss of vital information. Furthermore, recording of data can now be archived when performing manual titration with PC Direct.

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.

Proven efficacy

Advanced event detection
In addition to monitoring snore, hypopneas, flow limitations, events and leaks, our advanced events detection recognizes and reports RRA, Periodic Breathing as Cheyne-Stokes respiration, and also distinguishes obstructed apneas from clear airway apneas, informing you when a more advanced therapy device may be required.

Advanced event response
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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 expiration, our flex 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, designed specifically for our advanced CPAP units. The air-on-demand Flex mode delivers pressure proportional to breath demand, allowing patients to breathe in comfort, simply by pressing a button.

New mask fit and seal monitoring
System One can check mask fit and test and leak into patients and clinicians, leaving the issues at rest. This way, 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.

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

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

Improved follow-up

EncorePro 2 takes patient management performance to an even higher level

Flexible 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 expiration, our flex 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, designed specifically for our advanced CPAP units. The air-on-demand Flex mode delivers pressure proportional to breath demand, allowing patients to breathe in comfort, simply by pressing a button.

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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.

References
1 Herming, K. et al. Respiration 2007
3 Nussbaumer, Y. et al. Chest. 2006

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

Efficient
The device remembers individual patient requirements and prioritizes action according to levels of urgency. Scorecards, real-time feedback, and interactive tracking for critical patient information ensures excellent patient management.

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 enables users to save all patient data, thus making it easier to follow up and much easier to retrieve information whenever necessary.

Memory on-board
For additional data safety, a backup memory has been made available on the device, ensuring no accidental loss of vital information. Furthermore, recording of data can now be archived when performing manual titration with PC Direct.

System One humidity control
By analyzing ambient temperature, relative humidity and patient flow, the System One humidity control determines optimum humidity and ultimate comfort to the patient, while reducing condensation, even in changing environmental conditions. The new optional heated humidifier 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 superb patient treatment compliance. Physicians and providers may also benefit from fewer callbacks.

Advanced event detection
In addition to monitoring snore, hypopneas, flow limitations, events and leaks, our advanced events detection recognizes and reports RRA, Periodic Breathing as Cheyne-Stokes respiration, and also distinguishes obstructed apneas from clear airway apneas, 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 apneas; it reacts only to obstructive events, 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 expiration, our flex 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, designed specifically for our advanced CPAP units. The air-on-demand Flex mode delivers pressure proportional to breath demand, allowing patients to breathe in comfort, simply by pressing a button.

New mask fit and seal monitoring
System One can check mask fit and test and leak into patients and clinicians, leaving the issues at rest. This way, 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.
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.

Proven efficacy

Advanced event detection
In addition to monitoring snore, hypopneas, flow limitations, events and leaks, our advanced event detection recognizes and reports RASS, Periodic Breathing as well as Cheyne-Stokes respiration, and also distinguishes obstructed apneas from clear airway apneas, informing you when a more advanced therapy device may be required.

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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 ventilation, our Flex 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 simplest enhancement, to confirm 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 and track patient flow and discontinues the therapy 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.

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

Improved follow-up

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

EncorePro 2 takes patient management performance to an even higher level

Improved event detection
By analyzing ambient temperature, relative humidity and patient flow, the System One humidity central delivers optimum humidity and ultimate comfort to the patient, while reducing condensate, 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 superb patient treatment compliance. Physicians and providers may also benefit from fewer callbacks.

Physicians and providers may also benefit from fewer callbacks.

SD card
The storage capacity of a 4GB memory SD card enables users to save patients’ detailed therapy data. Thus, patient offline medical records may provide crucial information and simplify the patients’change follow-up.

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

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

References
1 Hertegonne, K. et al. Respiration 2007
Ease of use

1. **Friendly navigation**
   - With turn and push buttons

2. **Easy night-time viewing**
   - Touching the wheel or ramp button illuminates the screen, and the back light automatically turns off after 30 seconds.

3. **International use**
   - The screen information is available in a number of international languages. A universal icon option is also available.

Reliability

Through a combination of the Dry Box technology and 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 in even more quality and durability:

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

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

The intelligent solution

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

Ease of use

1. Friendly navigation
   - with turn and push buttons
2. Easy right-size viewing
   - Touching the wheel at the top changes the screen and the back light automatically turns off after 38 seconds. This new back-to-screen allows patients to see System One’s interface no matter how dark it is in their bedrooms.
3. International use
   - The screen information is available in a number of international languages. A universal user option is also available.

Reliability

Through a combination of the Dry Box technology and 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.

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