Working together for better sleep and breathing

Home Healthcare Solutions for Sleep, Home Respiratory, Respiratory Drug Delivery and Data Management
Sleep and respiratory professionals are facing mounting pressure to enhance patient compliance while managing costs and increasing efficiency throughout the care cycle. That’s why we are working in harmony with the entire care team to help navigate a rapidly changing industry landscape in the interest of maximizing both clinical and business success. At a time when caregivers and patients alike truly need an ally, you can count on us.
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Alice 6 and Sleepware G3
Alice 6 Lab Diagnostic Systems with Sleepware G3 offer full featured flexibility:
• 3 headboxes: LDe (basic), LDxS (advanced sleep) and LDxN (Neuro) feature differential pressure sensor, 3 chin lead with auto re-reference, integrated zRIP technology
• 32 channel EEG Neuro module available
• Sleepware G3:
  - Refreshed design: improved security, workflow design,
  - Many features: including fully customizable workspaces and reports, real-time impedance check and integrated database
• Direct connection possible with all our sleep therapy and NIV devices

As your Allies in Better Sleep and Breathing, we lead the way by providing flexible sleep diagnostic solutions to suit virtually all clinicians’ approaches.
Alice PDx
The Alice PDx is a portable recording device that records data from physiological channels for use by clinical software used in polysomnography and sleep disorder studies. The Alice PDx can be used in a sleep lab, alternative care site or patient’s home. In addition to the basic channel set indicators, there are also indicators for optional ECG and ExG yokes and the optional therapy interface. Alice PDx can also connect to our therapy devices.

Pro-Tech website
• Select your system.
• Choose your sensors.
• Print your selection.
• Find compatibility with more than 40 systems in the market.

www.pro-tech.com

ezRIP combination module/wireset
• Easy and cost-effective solution to upgrade your existing system to RIP (Respiratory Inductance Plethysmography) technology
• Small, plug ‘n’ play replacement for piezo that connects to the zRIP DuraBelt
• Connects straight to Alice PSG system and most diagnostic systems in the market

OmniLab titration system
• Ally in efficient lab-titration: OmniLab Advanced+ is a quiet, reliable device with 9 therapy modes (including unique AVAPS-AE and AutoSV Advanced) that enable the titration of all your Sleep and NIV patients.
• Flexible system: compatible with most PSG system in the market thanks to OmniLab Connect
• Intuitive software (OmniLab Direct): enables remote control of the device to change therapy modes and settings
Improved humidification, improved comfort
Through a combination of our cleverly designed water chamber with the advanced Dry Box, the risk of water ingress into the device is virtually eliminated. Humidification is now more personalized with System One Heated Tube. It allows patients to select their preferred humidity and temperature levels throughout the night, regardless of changing room conditions.

New mask fit and seal monitoring
System One Auto devices can check mask fit and seal and let patients and clinicians know the status in real time, even when the device is not providing therapy.

Connectivity
All System One therapy devices can connect with our in-lab or Home sleep testing diagnostic devices (Alice 5, 6, Pdx and Stardust), oximetry module, OmniLab Direct Titration Software as well as wireless modem (ask your sales representative for information on availability in your country).

References
1 Hertegonne, K. et al. Respiration 2007
3 Nussbaumer, Y. et al. Chest. 2006
BIPAP auto with Bi-Flex
• Fully automatic bi-level device designed to offer enhanced comfort for some non-compliant patients.
• Adjustable PS min: now adjustable from 0-8 cm H₂O, for increased comfort, compliance and flexibility.

BIPAP autoSV Advanced
• Management of complex breathing patterns such as CSR (Cheyne-Stokes respiration), CompSAS (complex sleep apnea), and other types of CSA (central sleep apnea)
• With unique proactive auto-EPAP (expiratory positive airway pressure) algorithm, advanced backup rate and sophisticated servo ventilation
• Clinically validated ASV therapy¹

REMstar Pro with C-Flex+
• Fixed CPAP, combining our key intelligent technologies with the comfort of C-Flex+
• CPAP-Check mode checks on the user every 30 hours to determine if therapy pressure is optimal. Therapy adapts to patient’s pressure needs over time, above all, when they slowly change conditions. This may lead to less intervention in the patient’s home to change pressure settings when the patient’s condition changes.

REMstar Auto with A-Flex
• Automatic CPAP that adapts pressure to patients’ needs
• Auto-Trial: delivers Auto-CPAP therapy for up to 30 days. At the end of the set Auto-Trial period, the device will automatically convert into the CPAP-Check mode at the 90% auto CPAP pressure.
• Auto-Trial can enable a simple and reliable home titration, using auto-adjusting CPAP. After a set titration period, the device converting automatically into CPAP-Check will then deliver a CPAP treatment without requesting an extra visit to the patient’s home in order to switch therapy modes.

Reference
¹Javaheri S; Goetting MG; Khayat R; Wylie PE; Goodwin JL; Parthasarathy S. The performance of two automatic servo-ventilation devices in the treatment of central sleep apnea. SLEEP 2011;34(12):1693-1698. Randerath WJ; Banerjee D; Tremblé M; Galetke W; Pfirter C; Ali A; Taheri S. Efficacy of BiPAP AutoSV Advanced in Subjects with Congestive Heart Failure and Central Sleep Apnea. Eur Respir J 2011;38: Suppl. 55, 397s

As your Allies in Better Sleep and Breathing, we lead the way by creating programs and technologies that streamline patient care.
Home respiratory care

BiPAP C Series
Aligned with the same platform as our System One sleep therapy technology, BiPAP AVAPS and BiPAP S/T are small, light and quiet, and provide an easy solution for patients suffering from chronic respiratory insufficiency. Both devices feature digital Auto-TRAK algorithm to enhance patient/ventilator synchronization. In addition, our specially designed, integrated heated humidifier system features Dry Box technology so water ingress problems may be avoided. An optional heated tube is also available.

BiPAP A Series
BiPAP A30 and BiPAP A40 have been designed to combine ease-of-use with technology advancements that adapt to a patient’s condition to deliver enhanced therapy. Both devices include the well known and clinically proven Auto-TRAK algorithm and AVAPS therapy modality to provide and maintain excellent delivery of average target tidal volume. In addition, BiPAP A40 features AVAPS-AE, an innovative ventilation mode that combines target tidal volume with automatic EPAP. BiPAP A40 is capable of invasive ventilation and can deliver therapy for pediatric (>10 kg) and low inspiratory drive patients. It comes with a specifically designed battery module to provide continuous autonomy to patients. BiPAP A30 and BiPAP A40 feature System One Humidity Control and the unique ‘Dry Box’ design to deliver heated humidification with reduced rainout and water ingress.

Life support ventilation
Trilogy Series
Trilogy life support ventilators combine unique levels of flexibility with ease of use and advanced technology, leveraging our well-known and clinically proven technologies. Every kind of ventilation mode* (volume or pressure) is available in any circuit configuration (active or passive), for either non-invasive or invasive interfaces, to meet the needs of adult and pediatric (>5 kg) patients alike. The Trilogy series features a dedicated Mouthpiece Ventilation mode and the fully automatic AVAPS-AE mode.

Airway secretion management
CoughAssist E70
CoughAssist E70 is the new generation of Philips Respironics mechanical in-exsufflation devices to help patients clear airway secretions when they can’t cough for themselves. The slow inhale/rapid exhale airflow simulates the natural coughing process, while avoiding the potential problems associated with more invasive procedures. Its Cough-Trak trigger helps synchronize the therapy with the patient while its oscillation feature enhances therapy in assisting mobilization of secretions. The device offers unique compatibility with Philips Data Management system and includes the oximeter to provide clinicians with access to full patient therapy information. Mains or battery powered, the CoughAssist E70 is a truly portable solution, offering patients increased freedom and support.
**Oxygen**

**SimplyGo/EverFlo**

The SimplyGo/EverFlo solution combines the sleek and compact EverFlo, 5LPM stationary concentrator for home oxygen therapy, with the SimplyGo for ambulatory usage. SimplyGo is the first portable concentrator able to provide pulse-dose and continuous flow oxygen therapy up to 2LPM in a design of only 4.5kg. SimplyGo offers outstanding flexibility with its detachable battery, which can be recharged wherever there is a power source, even in the car. With these key features, SimplyGo can adapt to most oxygen patients’ needs while providing them with the independence to enjoy time away from home for the day, work, a weekend or long vacations.

**UltraFill/EverFlo**

The UltraFill/EverFlo solution associates the EverFlo, 5LPM concentrator for home oxygen therapy, with cylinders filled by the UltraFill for ambulatory oxygen needs. The UltraFill home oxygen system is able to fill cylinders to 200 bar, which hold 35% more oxygen than cylinders filled to 140 bar. This unique characteristic allows patients to gain more autonomy with longer lasting and lighter cylinders, thus offering an ideal solution for both continuous and pulse flow patients. UltraFill’s adaptability meets the demand of most oxygen patients who will no longer have to worry about the next oxygen delivery.

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As your Allies in Better Sleep and Breathing, we lead the way by providing more than advanced technology: we provide exceptional support.
Patient interface

**Nasal masks**

**WISP nasal mask**
Delivers a combination of comfort, performance, and style.
- Compact design for a natural fit
- Open field of vision for a feeling of independence
- Quick and easy to adjust for a superior seal and personalized fit
- Choice of frame options to complement your style

**TrueBlue gel nasal mask**
The thin and light blue gel helps this mask deliver a comfortable fit.
- Auto-adjusting features for personalized fit
- High comfort, seal and stability
- Available in 5 sizes: P, S, M, MW, L

**Nasal pillow masks**

**Nuance Platform**
Nuance is designed to give your patients a new choice for comfort and performance.
- Unique gel pillow technology reduces nasal irritation and improves comfort
- Innovative non-slip headgear provides increased stability
- Choice of either a fabric or gel padded frame
**Full face masks**

**Amara Gel mask**
Advanced gel technology provides softer, improved comfort.
- Advanced gel technology conforms to the contours of the face for an exceptional seal
- Modular design with ‘one-click’ cushion assembly
- Our smallest and lightest gel full face mask yet
- Available in four sizes
- Designed to fit more than 95% of patient faces

**FitLife mask**
The FitLife mask will easily fit patients who simply need an easy-to-fit solution.
- Integrated soft silicone over-molded cushion
- Large and clear line of vision
- Premium Headgear with EZ Peel tabs and Snap clips
- Available in 3 sizes: S, L, and XL

As your Allies in Better Sleep and Breathing, we lead the way by delivering meaningful innovations that are engaging and easy to experience.
Respiratory drug delivery

The InnoSpire Family
Our new InnoSpire range of compressor nebulizer systems is matched with our proven SideStream nebulizer technology to provide fast, efficient and reliable drug delivery to patients at home. With over 20 years of aerosol therapy excellence, you can rest assured that patients will be provided with a high quality aerosol every time.

InnoSpire Essence
When reliability is key, choose InnoSpire Essence.
• Compact design
• Value option for home use
• Rated for intermittent use (30min on / 30min off)

InnoSpire Deluxe
High quality AC nebulizer compressor system suitable for home or hospital use.
• High flow compressor, delivering fast treatment times
• Continuously rated for constant use
• Matched with SideStream for enhanced performance

InnoSpire Mini
Compact, portable nebulizer compressor system.
• Lightweight, quiet and easy to use
• Supplied with a rechargeable battery, a car adapter and an international travel adapter

InnoSpire Elegance
Power and style are all wrapped into one in our InnoSpire Elegance.
• Robust design for frequent use
• Suitable for hospital and home
• Rated for continuous use

SideStream Plus
Reusable breath-enhanced nebulizer with filter attachment.
• Breath-enhanced for fast delivery and reduced waste
• Venturi design to help increase flow rates and facilitate short treatment times
• Ergonomic design – simple to use, easy to maintain
• Optional filter attachment, particularly important for nebulizing antibiotics
Sami the Seal
Sami the Seal is our first nebulizer compressor system that is specifically designed for children. The child-friendly design helps to support and promote aerosol therapy compliance.
• Paired with the efficient SideStream nebulizer and Tucker the Turtle mask to provide fast and friendly treatments to pediatric patients
• Robust and reliable, Sami is rated for continuous use, making it suitable for frequent use in the hospital or in the home.

I-neb AAD system
I-neb is a breath-activated, drug delivery device with Adaptive Aerosol Delivery (AAD), the technology that makes the I-neb system unique. AAD continuously matches aerosol output to the patient’s breathing pattern, so the dose is delivered at the same point in the inspiratory cycle each time.
• AAD to support precise dosing
• Vibrating mesh technology generates aerosol
• Small, lightweight and quiet
• Patient logging system to promote, record and improve patient adherence
• Long battery life (approximately 40 treatments/charge)

OptiChamber Diamond
Anti-static valved holding chamber is designed for ease of use and helps maximize delivery of pMDI medication into the lungs.
• Anti-static material enhances medication delivery.
• Low resistance exhalation valve allows user to breathe easily through the chamber and visually confirms exhalation.
• Available with detachable LiteTouch soft-seal facemask

PersonalBest
Compact peak flow meter, designed for accuracy and ease of use.
• The fold-out handle keeps the user’s hand away from the air flow, aiding accurate peak flow readings.
• The three zone traffic light system provides an easy, objective way to monitor asthma control.
• Two versions available: International ISO Standard and American ATS Standard

As your Allies in Better Sleep and Breathing, we lead the way by developing programs that enhance knowledge, create efficiency, and lead to exceptional care.
Data management

**EncoreAnywhere**
EncoreAnywhere is an online patient compliance management service.
- **New information every day**
  Patient compliance data is automatically uploaded on a daily basis from the patient’s System One device via a modem. Data can also be uploaded via SD card.
- **Access to patient therapy reports**
  You can access all of your patients’ latest therapy reports at any time from the internet.
- **Remote prescription changes**
  Patient therapy device settings can be changed via EncoreAnywhere.
- **Communication**
  Physicians and homecare providers can have access to the same patient information and can communicate on patient records.

Ask your sales representative for information on availability in your country.

**EncorePro2 software**
EncorePro 2 is our most advanced desktop software for patient compliance management.
- **Simple**: Users will find it easy to understand, and thanks to a new tabbed navigation system, finding data is a lot more intuitive.
- **Efficient**: The device will remember individual patient requirements and then prioritize actions according to levels of urgency for more effective patient management.
- **Secure**: It will also help comply with increasingly strict patient data security needs by providing a secure way of storing information.
DirectView software
DirectView is a desktop software for ventilation patient data management and is compatible with BiPAP S/T, BiPAP AVAPS, BiPAP A Series, CoughAssist 70 series and Trilogy Series. These ventilators are outfitted with an SD card that stores ventilation data managed by DirectView software. DirectView enhances your clinical evaluation by providing breath-by-breath waveform data, and short and long-term trends as well as patterns of usage in fully customizable reports. DirectView’s streamlined reporting helps you identify adjustments necessary to maintain your prescribed treatment and improve patient care.

Oximetry module
The Philips Respironics Oximetry Solution, compatible on all our devices from sleep therapy to home ventilation, enriches our data management product portfolio with an additional means to assess the need for prescription adjustments – quickly and simply – to support clinicians in following their chronic disease patients. Our Oximetry Solution provides accurate measurements, even during the challenging conditions of patient motion and low peripheral perfusion.

As your Allies in Better Sleep and Breathing, we lead the way by innovating to make solutions simpler, more intuitive, and easier to live with for long-term compliance.