We’re with you night and day
Covering your sleep lab diagnostic needs
Introduction

Philips Respironics is a market leader of sleep products, offering exceptional service, expert support and innovative devices for more than 30 years. We are committed to helping sleep centers improve their operational efficiencies and patient care.

**Dependable support**
Our clinical specialists understand, and are focused on the needs of sleep professionals. Our technical and product support representatives answer customer calls 24/7, 365 days a year. You’ll find that your questions get answered and your problems get solved.

**Comprehensive product line**
We cover your diagnostic needs, in and out of the lab with:
- **Alice** in-lab PSG and home diagnostic systems for routine to advanced sleep solutions
- A powerful and unified **Sleepware G3** software platform for PSG and HST
- **Somnolyzer** clinically validated, computer-assisted scoring system
- A full-line of **Pro-Tech** quality sensors, including zRIP effort sensors

**Peace of mind**
We keep things easy and uncomplicated and offer benefits designed to help you enhance your business and improve operational efficiencies. Enjoy advantages such as:
- One, unified software platform for PSG and HST testing
- Open-site software licenses
- All software updates included
- 24/7 365 product and technical support

As a supplier of sleep diagnostic and therapy solutions, we are committed to you and your patients night and day.

For more information on any of our products and services, please visit [www.philips.com/sleepdiagnostics](http://www.philips.com/sleepdiagnostics) or email sleep.diagnostics@philips.com
Philips Respironics Alice PSG systems are the most utilized PSG systems in the U.S.*
Philips Respironics Alice 6 PSG systems allow your staff to perform routine or full-featured studies while focusing more on patients and less on equipment. All Alice 6 PSG and HST systems are powered by Sleepware G3 so your staff can efficiently gather and analyze the data you need, without needing to switch between multiple software programs.

Alice 6 LDx with the LDxS or LDxN headbox
The Alice 6 LDxS is the perfect front-line PSG system for most sleep center needs. Place the Alice 6 LDxN into use when you need to step up to a full 32 EEG inputs. Either headbox works with the LDx base station.
- LDxS headbox (19 EEG inputs)
- LDxN headbox (32 EEG inputs)
- Integrated RIP driver
- Dedicated differential pressure transducer
- Patented automatic chin EMG re-referencing
- 7 ECG channels
- Up to 500Hz recording
- Continuous impedance values available during and post-acquisition
- Digital connection to OmniLab Advanced + titration device and ETCO2 LoFlo device, eliminating the need for external calibration
- Two year - product warranty

Alice 6 LDe
The LDe provides busy labs with the essential features for performing routine PSGs. The headbox perfectly balances a compact form factor with easy-to-identify and easy-to-use inputs.
- Up to 500Hz recording
- Integrated RIP driver
- Dedicated differential pressure transducer
- Automatic chin EMG re-referencing
- One-year warranty

*2016 Philips sponsored market study.
Get peace of mind with our PSG systems

We have your long term financial needs in mind. We know that overall cost of ownership matters to you most, so our Alice PSG bundles take that into consideration by helping you control longterm costs and reduce unplanned expenses. Our goal is to provide you the best technology and value in the industry.

**Included with Alice 6 purchase**
- Unlimited software updates
- Unlimited site licensing
- 24/7/365 product and technical support
- Custom installations and on-site training
- zRIP DuraBelt Starter sensor kits
- Loaner systems (while under warranty) included with most packages
- Two-year product warranty on Alice LDx systems (One year with Alice LDE)
- Four hours of custom report writing per site

**OmniLab Advanced +**
Multi-mode titration system

Six modes with multiple technologies – including our BiPAP autoSV and BiPAP AVAPS – are accessible directly from your PC.

OmniLab Advanced + has the highest usage of lab titration devices in U.S. sleep labs.*

*2016 Philips sponsored market study

Looking to replace your old, unreliable PSG system? Comprehensive upgrade bundles are available. Contact your local Sales associate or email sleep.diagnostics@philips.com for a comparative quote or demo.
We make it easy to try home sleep testing with our 45-day trial program. Contact your local sales associate for details.
At-home diagnostic systems

From fundamental to comprehensive home testing, you’ll find it with our in-home diagnostic solutions. From basic to advanced sleep analysis, you can offer your patients the benefit and comfort of home sleep testing while collecting all the diagnostic data you need.

Alice PDx for comprehensive studies
The Alice PDx offers basic screening to advanced diagnostic evaluation. With innovative and comprehensive features, Alice PDx gives you the HST flexibility that a growing sleep center needs.
- Satisfies requirements for Types II, III and IV testing
- Innovative Good Study Indicator – helps avoid the inconvenience of sending the device back out for retesting and can help keep lab costs down
- Patient-friendly, easy-to-follow sensor indicators and step-by-step diagram
- Up to 21 total channels with optional yokes
- Optional ECG and ExG yokes for when Type II testing is needed
- Two-night to three-night battery life
- SD card memory
- Two-year warranty

Alice NightOne
The Alice NightOne home sleep testing solution combines ease, comfort and reliability to support your business, clinical and patient needs. With features and functions designed with patients in mind.
- “Auto-on” feature
- RIP with integrated buckle design
- Unique “smart guide” patient setup sequence
- Enhanced Good Study Indicator
- Body Position sensor built-in
- Optional Cloud services
- Bluetooth connectivity to System One or DreamStation therapy devices to record therapy channels
- Study starts recording as soon as device belt is buckled
- Two-year warranty

More sleep labs in the U.S. use Philips Respironics’ home sleep testing devices than any other home testing manufacturer.*

* 2016 Philips sponsored market study, 91 respondents, combined results Alice NightOne, Alice PDx, Stardust II.
Unified software

Sleepware G3 with Somnolyzer is one software interface with multiple workflow benefits. Sleepware G3 is flexible and highly adaptable and its intuitive interface and user-friendly functions are designed to help enhance your workflow and customization preferences. Sleepware G3 allows you to have one, unified software platform for your PSG and HST needs, helping to improve your operational efficiencies.

**Sleepware G3 features**
- Supports all Alice 6 PSG and HST devices
- Integrated with clinically validated Somnolyzer* assisted scoring
- Multi-part queries with interfacing database
- Meets AASM requirements for a sleep lab database
- Define unique workspaces to suit individual and workflow requirements during acquisition, scoring and physician reviews
- Unique composite channels for BiPAP autoSV and AVAPS display and support
- Supports HL7, Citrix and Cloud services
- Portable Device Manager helps you manage your portable device fleet

*Somnolyzer is a fully integrated computer assisted sleep scoring system within Sleepware G3 and is an available option with a per-use license activation.

**Sleepware Bedside Assistant**
From anywhere in the sleep lab with wireless connectivity:
- Displays live waveforms at bedside
- Helps with workflow efficiencies when performing impedance checks, bio-cals, or checking patient status in a room
- Displays live video for each patient room
- Controls OmniLab Advanced + titration device for each room
- Mark Lights/On and Lights/Off

**Composite channel for BiPAP autoSV**
Reminder: For added value, unlimited software updates for supported platforms and site licensing are included with all PSG and HST devices.
Somnolyzer from Philips Respironics is a clinically validated, computer-assisted sleep scoring system designed to help simplify and improve sleep study scoring productivity, accuracy, and consistency. By reducing the time sleep technicians spend on studies they are free to work on other important lab activities. Validated for both PSG and HST studies.
Somnolyzer scoring solution
- Somnolyzer increases lab efficiency by reducing the time spent on manual scoring
- Somnolyzer can analyze both PSG and HST recordings
- Integration with Sleepware enables real-time scoring
  During an in-lab PSG study, Somnolyzer will provide real-time, high quality staging and event scoring. As Somnolyzer applies staging and scoring, the night tech can easily track an ongoing tally of sleep efficiency and sleep time as well as event summaries such as RDI, AHI, and leg movements.
- Simple to interpret confidence trend or “traffic light” system
  Sleepware with Somnolyzer uses straightforward green, yellow, and red indicators to show where it has high, medium or low confidence in its’ scoring, allowing the expert reviewer to focus their expertise on where it is needed the most.
- Same scoring rules as human expert to allow for validity
  Somnolyzer recognizes sleep characteristics — spindles, eye movements and delta waves — and applies the same decision process to staging and event scoring as a human expert would. The Somnolyzer’s scores are indistinguishable from those of a human scorer.
- Diminishes interscorer variability for increased reliability
  Somnolyzer scoring, along with a structured expert review, diminishes inter-scorer variability.
- Follows R&K or AASM standards to deliver excellent results
  Patient results are compliant with the latest professional guidelines.
- Follows current AASM standards, receiving the highest evidence score in the paper ‘Digital Analysis and Technical Specifications’ (Penzel et.al, 2007)
Pro-Tech quality sensors

Make sure you’re getting high-quality performance sensors from a market leader. Our innovative Pro-Tech sensors detect a variety of sleep parameters and meet important accreditation standards.

Respiratory effort sensors
Our affordable zRIP technology provides true breathing movement tracings with no false paradoxing, and signals for the detection of respiratory effort.
- zRIP DuraBelt inductive respiratory effort sensors
- ezRIP combination module/wireset sensor
- Piezo respiratory effort sensors

Pressure transducers
Our PTAF2 is a pressure-based transducer designed to generate accurate respiratory signals.
- PTAF2 airflow pressure transducer

Airflow sensors
Pro-Flow and Pro-Flow Plus cannulas are designed to provide optimal performance and patient comfort.
- Cannulas – Pro-Flow, Pro-Flow Plus, and MultiPurpose are all high performance cannulas that meet a variety of patients’ needs

Thermal airflow
Our comfortable and easy-to-place thermocouples and thermistors are compatible with most major PSG systems.
- Thermal airflow sensors are available in disposable and reusable versions

LoFlo EtCO₂
Our LoFlo plug and play device offers a streamlined approach to canography by using a single USB connection to Alice 6. The connection is digital, so no DC calibration is necessary. This device small, whisper quiet, convenient and easy-to-use device allows for simultaneous monitoring of flow and CO₂.
- No calibration required
- Uses an innovative sample cell and filter

Visit our Sensor Product Selector Guide at www.philips.com/sleepdx to help you select the compatible sensor for your PSG system or email sleep.diagnostics@philips.com to place an order.
Actigraphy Motion Biosensor complement technology provides precise measurement to help assess the sleep/wake patterns of a variety of patients with various sleep complaints. Motion Biosensors can serve as a or adjunct to a polysomnogram or subjective paper diary. Our devices help you gain insight into real-world sleep/wake and daytime activity. Data collected by Motion Biosensor devices have a variety of applications in sleep medicine and sleep disorder, circadian rhythm disorder, and daytime activity research.

For more information on actigraphy solutions, including videos and tutorials, please visit: www.actigraphy.com.
Insomnia patient (68 yr. F)

Control subject (78 yr. F)
A revolution in comfort and ease for treating sleep apnea

Whether you are a full service, or free standing sleep center, Philips Respironics has more to offer you than just Sleep diagnostic products and solutions.

**DreamStation**

With easy-to-navigate menus, a sleek, compact design and quiet operation, DreamStation makes it simple to start, customize and continue a patient’s obstructive sleep apnea (OSA) therapy.

- Colorful, easy-to-use display with icon-based navigation and daily patient feedback.
- Most comprehensive suite of connectivity options available among the leading CPAP brands.¹

**DreamWear**
Like wearing nothing at all.

The open-face design provides superb comfort, allowing freedom of movement and the ability to choose your most comfortable sleep position. DreamWear is designed to be unlike any mask you’ve experienced.

- Users rate DreamWear more comfortable, more stable, easier to use and more appealing than their prescribed mask.²
- Unique in-frame air-flow and an innovative air tube connection at the top of the head.
- Light, soft and flexible material.

²2015 User Preference Questionnaire, data on file.

**DreamMapper**
Take charge of your sleep.

As a mobile app and online software, DreamMapper helps keep you motivated to take charge of treating your sleep apnea.

- See daily feedback on your progress.
- Set and track custom goals, and unlock achievements.
- Find guidance and informational videos to help you stay committed.
- Receive notifications about your therapy and DreamMapper compatible* equipment.

*To see which CPAP and BiPAP devices are compatible with DreamMapper, visit sleepapnea.com/mydreammapper.

See why Philips Respironics is the most prescribed PAP system by U.S. sleep physicians.** Visit: [www.usa.philips.com/healthcare/solutions/sleep](http://www.usa.philips.com/healthcare/solutions/sleep).

**2016 Philips endorsed Market study.