



ApneaLink™ Air

Home Sleep Testing Device



Home sleep testing made easy

ApneaLink™ Air provides the performance and reliability of our trusted ApneaLink products in a sleeker, easier to use device. With its one-touch operation and intuitive Start/Stop button, it's never been easier for patients to set up and use successfully. And the test complete indicator helps minimize wasteful retesting and increase patient satisfaction.



ApneaLink Air: Our most advanced home sleep testing solution

With its stylish design, ApneaLink Air provides performance and reliability in a compact, lightweight and easy-to-use home sleep testing (HST) device. A low-cost, type III HST device, the ApneaLink Air is capable of recording up to five channels of information: respiratory effort, pulse, oxygen saturation, nasal flow and snoring. It also features longer recording time and increased storage capacity over previous ApneaLink products.



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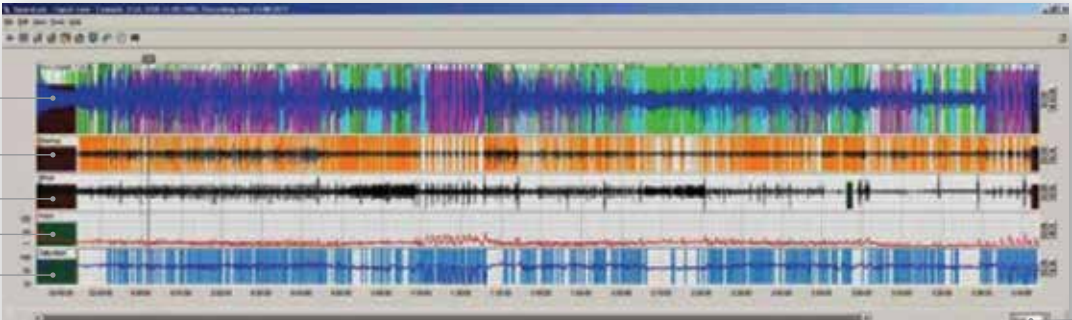
Access to detailed signals overnight

ApneaLink Air software provides clinicians access to a more in-depth view of their patients' recordings.

Full night view

Signals (Selectable):

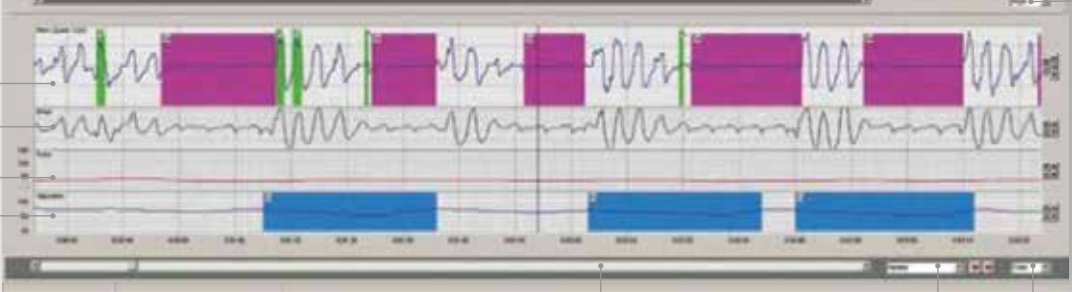
- Nasal flow
- Snore
- Respiratory effort
- Pulse
- Oxygen saturation



Expanded view

Signals (Selectable):

- Nasal flow
- Respiratory effort
- Pulse
- Oxygen saturation



All signals with adjustable amplitude

Time select bar

Event type selection

Selectable time

Selectable time

ApneaLink Air benefits

- **Improved usability** for both patients and healthcare professionals with:
 - One-touch operation with an intuitive Start/Stop button
 - Longer recording time (~12 hours) and increased storage capacity (~48 hours)
 - Test complete light provides feedback on recording time to users
 - Good signal indicators to help successful set ups
- **Reliable automatic analysis**
 - Includes apnea-hypopnea index (AHI), hypopnea index (HI), flow limitation, snoring and oxygen desaturation index (ODI)
 - Manual scoring possibility for more detailed patient data
 - Configurable analysis parameters allow adjustment of thresholds
- **Validated results meet AASM and CMS definitions** for hypopnea scoring guidelines
- **Cheyne-Stokes probability detection** helps determine when to refer patients for further in-lab diagnosis
- **Differentiation between obstructive and central apneas**
- **Printable patient instructions** when programming the device
- **Flexible report options**
 - **Email summary and signal reports** to send to referral physicians or other relevant parties
 - **Extended report** contains additional overview of respiratory data
 - **Prescription page** streamlines process for healthcare professionals

ApneaLink Air Complete Kit



Comprehensive reporting

ApneaLink Air automatically analyzes and derives AHI, flow limitation and snoring and later automatically generates a simple, easy-to-interpret report with a color-keyed AHI or Risk Indicator for the clinician to review.

ApneaLink - Report of 02/12/2013 15:15

Treating physician _____ **Referral to** _____

Patient data

First name:	<u>Cheyne Stokes</u>	Patient ID:	_____
Last Name:	<u>Example</u>	DOB:	<u>01/12/1958</u>
Street:	_____	Height:	<u>170.18 cm</u>
City, ST, Zip:	_____	Weight:	<u>92.41 kg</u>
Phone:	_____	BMI:	<u>31.9 kg/m²</u>

Recording

Date:	<u>21/01/2009</u>	Evaluation	_____
Start:	<u>21:13</u>	Start:	<u>21:23</u>
End:	<u>05:56</u>	End:	<u>05:54</u>
Duration:	<u>8 h 43 min</u>	Duration:	<u>7 h 55 min</u>

AHI*

* See Clinical Guide for abbreviations and ResMed standard parameters

Analysis (Flow evaluation period: 7 h 55 min / SpO2 evaluation period: 8 h 32 min)

Indices	Normal	Result	
AHI*:	< 5 / h	32.9	Average breaths per minute (bpm): 14.45
RI*:	< 5	33.8	Breaths: 6857
Apnea index:	< 5 / h	20.6	Apneas: 163
UAI:	0	0	Unclassified apneas: 0 (0%)
OAI:	5.6	5.6	Obstructive apneas: 44 (27%)
CAI:	14.9	14.9	Central apneas: 118 (72%)
MAI:	0.1	0.1	Mixed apneas: 1 (1%)
Hypopnea index:	< 5 / h	12.3	Hypopneas: 97
% Flow lim. Br. without Sn (FL):	< Approx. 60	12	Flow lim. Br. without Sn (FL): 792
% Flow lim. Br. with Sn (FS):	< Approx. 40	0	Flow lim. Br. with Sn (FS): 3
			Snoring events: 66
ODI Oxygen Desaturation Index*:	< 5 / h	33.5	No. of desaturations: 286
Average saturation:	94% - 98%	91	Saturation <= 90% : 234 min (46%)
Lowest desaturation:	-	72	Saturation <= 85% : 77 min (15%)
Lowest saturation:	90% - 98%	72	Saturation <= 80% : 7 min (1%)
Baseline Saturation:	%	98	
Minimum pulse:	> 40 bpm	59	
Maximum pulse:	< 90 bpm	71	
Average pulse:	bpm	62	
Proportion of probable CS epochs:	0%	70	CSR probable

Analysis status: Analyzed automatically

Analysis parameters used (Default)
 Apnea [20%; 10s; 80s; 1.0s; 20%; 60%; 8%]; Hypopnea [70%; 10s; 100s; 1.0s]; Snoring [8.0%; 0.3s; 3.5s; 0.5s]; Desaturation [4.0%]; CSR [0.50]

Comments

Ordering information and product codes

ApneaLink Air complete kit

- ApneaLink Air recorder device
- Software installation CD
- ApneaLink Air patient instructions
- USB download cable
- 1 reusable belt
- Oximeter reusable soft sensor (8000SM) – Medium
- XPOD LP oximeter
- XPOD LP oximeter clip
- 3 nasal cannulas
- Carry bag
- 2 AAA batteries

22354

EasySense™ Respiratory Effort Sensor

22321

Accessories

Oximeter components

XPOD LP oximeter **22374**

XPOD LP oximeter clip **22371**

NONIN 6000CA single use oximetry sensors – pk 24 **22337**

NONIN oximeter reusable soft sensor (8000SS) – Small **70567**

NONIN oximeter reusable soft sensor (8000SM) – Medium **70568**

NONIN oximeter reusable soft sensor (8000SL) – Large **70413**

Nasal Cannulas

Nasal cannula – pk 25 **70388**

Other accessories

ApneaLink Air reusable belt **629052**

ApneaLink Air carry bag **22373**

ApneaLink Air software CD V10.1 **22372**

USB cable for ApneaLink Air **22375**



For more information: **Accessories Guide**

Please contact your ResMed representative for more information.

ApneaLink Air Technical Specifications

Recorder

Enhanced hardware

EasySense respiratory effort sensor

Oximetry

Light indicators

- Test complete indicator
- Respiratory flow indicator
- Effort sensor connection indicator
- Oximetry connection indicator

Signal Recording

Respiratory effort

Respiratory flow

Snore

Blood oxygen saturation

Pulse

Battery voltage

Download application

PC download

Internal battery

AAA alkaline batteries

Internal memory

Recording period: 48 hours

Internal clock

Dimensions

Recorder: 62 x 102 x 30 mm (2.4" x 4" x 1.2")

Pulse oximeter: 53 x 20 x 15 mm (2.1" x 0.8" x 0.6")

Recorder weight: 66 g (2.3 oz)

