



ApneaLink™ Air
Home sleep testing device



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ApneaLink Air complete set

Includes oximetry accessories and EasySense respiratory effort sensor.



Oximetry Set with Reusable Soft Sensor	1 XPOD LP Oximeter 1 XPOD LP Oximeter Clip 1 NONIN Oximeter Reusable Soft Sensor (8000SM)	22370*
Nasal Cannulas	Nasal Cannulas – 25 pk	70388
Other accessories	ApneaLink Air Reusable Belt ApneaLink Air Carry Bag ApneaLink Air Software CD 10.1 USB Cable	629052 22373 22372 22375

Technical specifications

Recorder	Enhanced Hardware EasySense respiratory effort sensor Supports 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	2 AAA alkaline batteries
Internal memory	Recording period: 48 hours Internal clock
Dimensions	Recorder: 60 x 86 x 28 mm (2.4" x 3.4" x 1.4") Pulse oximeter: 53 x 20 x 15 mm (2.1" x 0.8" x 0.6") Recorder weight: 66 g (2.3 oz)

Ordering information and product codes

ApneaLink Air Complete Set	ApneaLink Air recorder device Respiratory effort sensor Software installation CD USB download cable 1 reusable belt 3 nasal cannulas	ApneaLink Air patient instructions XPOD LP Oximeter XPOD LP Oximeter clip 1 Nonin oximeter reusable soft sensor 8000SM Carry bag 2 AAA batteries	22354
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Accessories & consumables

Oximetry components	XPOD LP Oximeter	22374*
	XPOD LP Oximeter Clip	22371*
	NONIN 7000A single use oximetry sensors - 24 pk	22338
	NONIN 6000A single use oximetry sensors - 24 pk	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
	NONIN Oximeter Reusable Finger Clip Sensor - 8000AA (1m)	631803

* Available from June 2014 onwards



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Home sleep studies made easy

ResMed's new ApneaLink™ Air provides healthcare professionals with a portable and easy-to-use home sleep testing device for patients who might have sleep disordered breathing. ApneaLink Air is a cost effective and convenient solution to test patients for sleep apnea in the comfort of their own bedroom. Testing patients in their own environment can help improve their experience and acceptance of the world of sleep apnea therapy right from the start.



ResMed.com



ApneaLink Air is an easy to use solution that helps you improve your patient care.

With a new stylish design, ApneaLink Air provides the performance and reliability of our trusted ApneaLink products in a more compact, lightweight, easy-to-use device. As a low-cost, portable sleep test device, the new ApneaLink Air is capable of recording up to five channels of information: respiratory effort, pulse, oxygen saturation, nasal flow and snoring.

Thanks to its new hardware, ApneaLink Air is now providing improved ease-of-use to both patients and healthcare professionals, while continuing to deliver the high quality results you expect from ResMed. Using this intuitive, cost-effective and reliable device will help you grow your business, increase your workflow efficiencies, and also provide improved patient care by delivering easy access to treatment.

ApneaLink Air benefits

It has never been easier for patients to set-up and use an ApneaLink device at home. With new light indicators and immediate feedback on device set-up and recording status, ApneaLink Air helps simplify the overnight sleep study process.

Innovative design

Enhanced aesthetics with a new stylish compact design.

Improved usability and security for both patients and healthcare professionals with:

- One touch operation with a new intuitive Start/Stop button
- Longer recording time and storage capability, up to 48 hours
- Test-complete light providing feedback on recording time to users
- Good signal indicators to help successful set-ups.

Advanced analysis features

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 allowing adjustment of thresholds.

Validated results meet the American Academy of Sleep Association (AASM) definitions for hypopnea scoring.

Cheyne-Stokes probability detection helping determine when to refer patients for further in-lab diagnosis.

Differentiation between obstructive and central apneas.

Information at a glance

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 containing additional overview of respiratory data
- Prescription page streamlining process for healthcare professionals.



Access to detailed signals overnight

More details are available through ApneaLink Air software for clinicians wanting access to a more in-depth view of a patient's recordings.

Full night view

Signals (Selectable):

Nasal flow

Snore

Respiratory effort

Pulse

Oxygen saturation

Expanded view

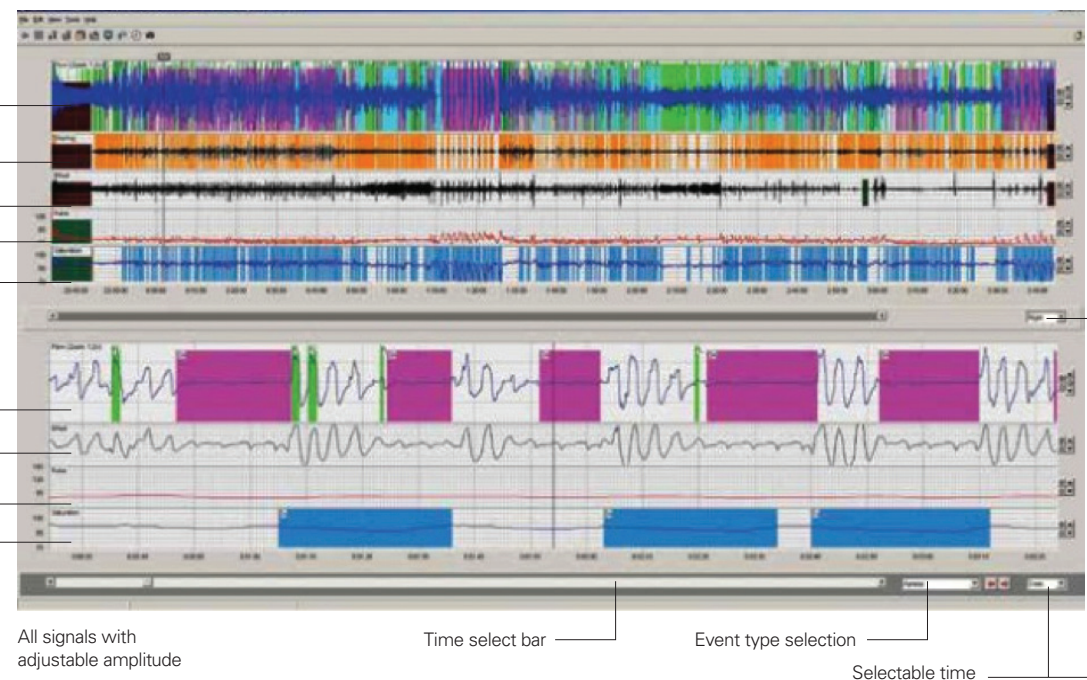
Signals (Selectable):

Nasal flow

Respiratory effort

Pulse

Oxygen saturation



Comprehensive reporting

ApneaLink Air automatically analyses and derives AHI, flow limitation and snoring data. It can then automatically generate a simple, easy-to-interpret report with a colour-keyed AHI or Risk Indicators for the clinician to review.

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

Treating physician		Referral to	
Patient data			
First name:	Cheyna Stokes	Patient ID:	01121958
Last Name:	Emery	DOB:	
Street:		Height:	170.18 cm
City, ST, Zip:		Weight:	92.41 kg
Phone:		BMI:	31.6 kg/m ²
Recording		Evaluation	
Date:	2/12/2013	Start:	21:23
Start:	21:13	End:	05:54
End:	05:36	Duration:	7 h 55 min
Duration:	8 h 43 min		

AHI*			
Normal range		Suspected pathological breathing disorder	
		Result (33)	

* See Clinical Guide for abbreviations and ResMed standard parameters

Analysis (Flow evaluation period: 7 h 55 min / SpO ₂ evaluation period: 8 h 32 min)			
Indices	Normal	Result	
AHI*	< 5 / h	14.45	Average breaths per minute (bpm): 16.0
R ⁺	< 5	6867	Apneas: 163
Apnea index:	< 5 / h	0 (0%)	Unclassified apneas: 44 (27%)
UA:	0	118 (72%)	Obstructive apneas: 1 (1%)
CA:	0	97	Central apneas: 3
MA:	0	66	Mixed apneas: 1 (1%)
Hypopnea index:	< 5 / h	97	Hypopneas: 3
% Flow lim. Br. without Sn (FL):	12 < Approx. 60	792	Flow lim. Br. without Sn (FL): 3
% Flow lim. Br. with Sn (FS):	0 < Approx. 40	3	Flow lim. Br. with Sn (FS): 3
			Snoring events: 66
ODI Oxygen Desaturation Index*:	[33.3] < 5 / h	286	No. of desaturations: 234 min (46%)
Average saturation:	91	94% - 98%	Saturation < 90%: 77 min (15%)
Lowest desaturation:	72	Saturation < 85%: 7 min (1%)	Saturation < 80%: 7 min (1%)
Lowest saturation:	72		
Baseline Saturation:	96		
Minimum pulse:	59	> 40 bpm	
Maximum pulse:	71	< 60 bpm	
Average pulse:	62	bpm	
Proportion of probable CS epochs:	70	0%	CSB pr. probable

Analysis status: Analyzed automatically

Analysis parameters used (Default)

Apnea [20%]: 10s; 80%; 1.5s; 20%; 60%; 90%; Hypopnea [20%]: 10s; 100%; 1.5s; 1.5s; 0.5s; Desaturation [A.0%]: CSB [0.5%]

Comments

