ResMed

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.

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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.

Access to detailed signals overnight

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

Full night view

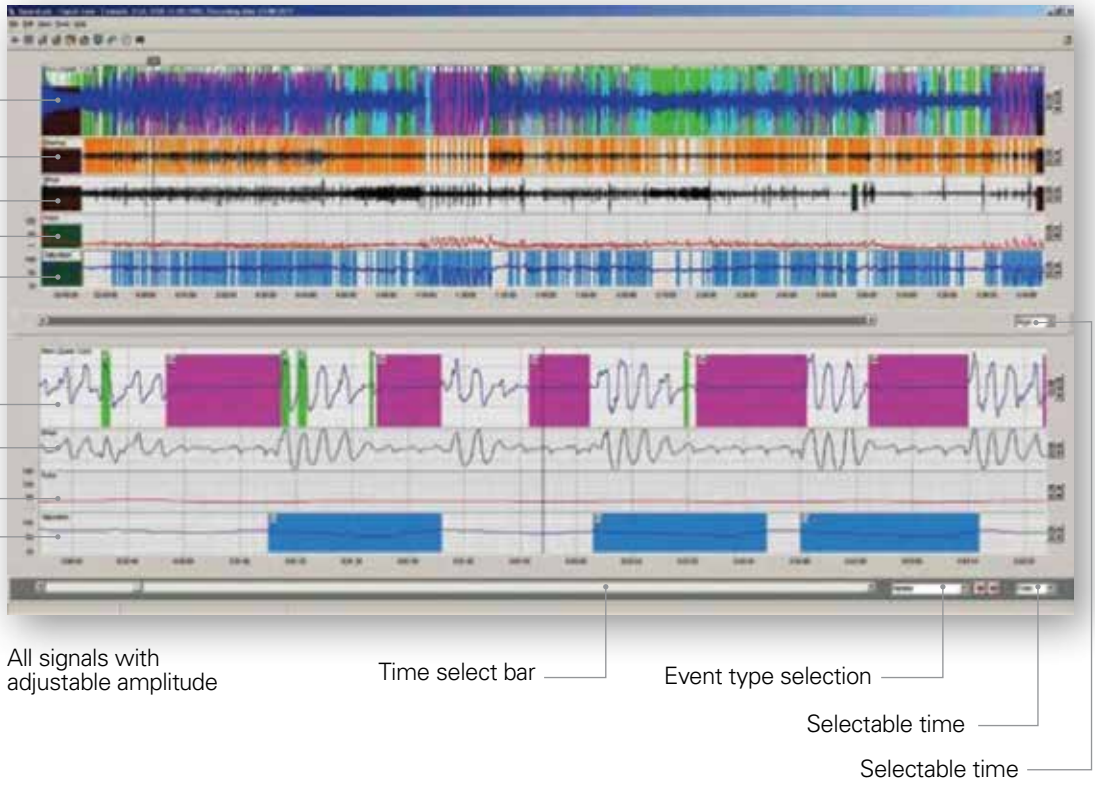
Signals (Selectable):

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

Expanded view

Signals (Selectable):

- Nasal flow
- Respiratory effort
- Pulse
- Oxygen saturation



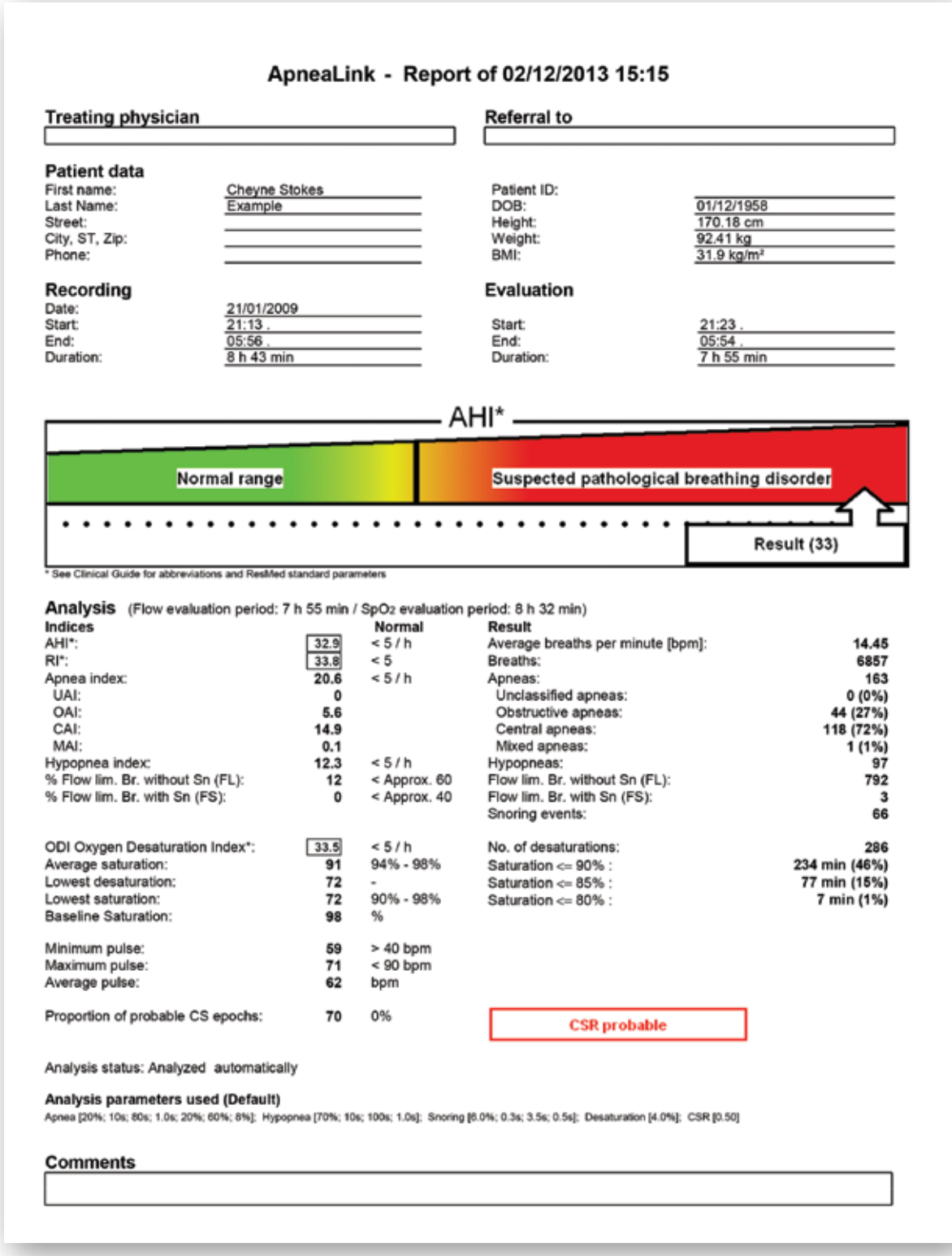
ApneaLink Air benefits

- **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:	Cheyne Stokes	Patient ID:	
Last Name:	Example	DOB:	01/12/1958
Street:		Height:	170.18 cm
City, ST, Zip:		Weight:	92.41 kg
Phone:		BMI:	31.9 kg/m²

Recording

Date:	21/01/2009
Start:	21:13 .
End:	05:56 .
Duration:	8 h 43 min

Evaluation

Start:	21:23 .
End:	05:54 .
Duration:	7 h 55 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*:	32.9	< 5 / h	Average breaths per minute [bpm]:	14.45
RI*:	33.8	< 5	Breaths:	6857
Apnea index:	20.6	< 5 / h	Apneas:	163
UAI:	0		Unclassified apneas:	0 (0%)
OAI:	5.6		Obstructive apneas:	44 (27%)
CAI:	14.9		Central apneas:	118 (72%)
MAI:	0.1		Mixed apneas:	1 (1%)
Hypopnea index:	12.3	< 5 / h	Hypopneas:	97
% Flow lim. Br. without Sn (FL):	12	< Approx. 60	Flow lim. Br. without Sn (FL):	792
% Flow lim. Br. with Sn (FS):	0	< Approx. 40	Flow lim. Br. with Sn (FS):	3
			Snoring events:	66
ODI Oxygen Desaturation Index*:	33.5	< 5 / h	No. of desaturations:	286
Average saturation:	91	94% - 98%	Saturation <= 90% :	234 min (46%)
Lowest desaturation:	72	-	Saturation <= 85% :	77 min (15%)
Lowest saturation:	72	90% - 98%	Saturation <= 80% :	7 min (1%)
Baseline Saturation:	98	%		
Minimum pulse:	59	> 40 bpm		
Maximum pulse:	71	< 90 bpm		
Average pulse:	62	bpm		
Proportion of probable CS epochs:	70	0%	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 [6.0%; 0.3s; 3.5s; 0.5s]; Desaturation [4.0%]; CSR [0.50]

Comments

ApneaLink™ Air

Home Sleep Testing Device

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.

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ApneaLink™ Air

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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)