



somnea™

 **NEUROSPEC**  
Research Neurosciences

Sleep Explorer - Access Respiratory Analysis



# The simple and effective solution for ambulatory respiratory investigations.

Somnea offers versatility with 5 data channels producing up to 10 total signals including data-types not typically offered on small, ambulatory recorders.

## Features

- Simple setup
- Colour coded sensors for user friendly applications
- Integrated high resolution LCD screen for control functions and waveform display
- Automatic respiratory analysis
- Reporting of RDI, respiratory events and snore
- Pressure transducer for sensitive nasal airflow and CPAP measurements
- Respiratory inductive plethysmography (RIP) technology for effort signals
- Effort signals produced from inductive plethysmography band technology
- Battery (2 AA Alkaline or NIMH) support for recordings up to 30 hours
- Removable Compact Flash card storage

## Clinical Uses

- Screening for Obstructive Sleep Apnea (OSA) syndrome
- Snoring monitoring
- Pre- and post-treatment monitoring (Surgery and CPAP)

## Available signals

- Pressure
- Airflow
- Snore
- Thoracic Effort
- Abdominal Effort
- Body Position
- SpO<sub>2</sub>
- Pulse rate
- Pulse waveform
- Oximeter signal quality



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## For more information please contact:

Compumedics USA Ltd:  
7850 Paseo del Norte  
El Paso  
Texas 79912  
Toll Free: 1 877 717 3975  
Fax: 1 915 845 2965

Compumedics Limited, Australia:  
30-40 Flockhart Street  
Abbotsford VIC 3067  
Australia  
Tel: +61 3 8420 7300  
Fax: +61 3 8420 7399  
Free Call: 1800 651 751

**NEUROSPEC**  
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NEUROSPEC AG  
Stansstadterstrasse 10  
CH-6370 Stans  
Switzerland

www.neurospec.com  
info@neurospec.com  
Tel +41 41 371 07 04  
Fax +41 41 371 07 03

