

# SOMNOtouch™ RESP eco

## LESS IS MORE... EFFICIENT & POWERFUL SCREENER

### Proven Signal Quality

Based on SOMNOtouch™ RESP - with flow/CPAP pressure/snore, SpO<sub>2</sub>, pulse rate, plethysmogram, activity, effort, battery voltage, position and patient marker

### Easy Handling

Easy to apply, pre-programmed or manual start which can run for up to 18h

### Simple to Use

Pre-loaded montage and sleep report. Software with powerful auto analysis and tools for fast manual scoring

### Outstanding Cost/Benefit Ratio

Be competitive whilst utilising the best respiratory sleep screener device - from the thought leaders in sleep diagnostics



### Small Compact Design

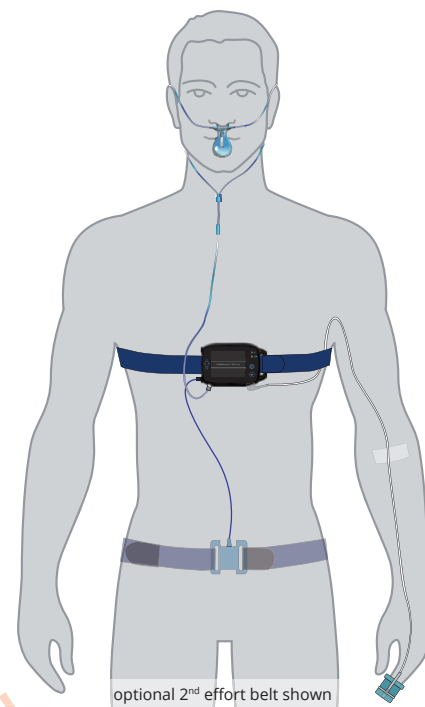
Same footprint as a credit card, with built-in Li-ion battery, allowing unparalleled comfort for the patient and ease of use for the clinic

The **SOMNOtouch™ RESP eco** – joins the SOMNOtouch™ family of products and is positioned primarily at the doctor who only requires a simple sleep screening device. Responding to the growing demand for low cost home sleep devices – the SOMNOtouch™ RESP eco epitomises the term “less is more” - with 11 channels not including one of two optional sensors: abdomen effort or bruxism. Using intelligent connect™ and a combined data and charging USB cable it is exceptionally easy to set up and use.

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### Diagnose better with SOMNOtouch™ RESP eco

- ◆ Correlation between body position and respiratory events – to better differentiate between patients requiring positional training devices or CPAP therapy
- ◆ Cheyne Stokes analysis in combination with pulse rate, gives insight to cardiorespiratory health
- ◆ Autonomic arousal detection on the plethysmogram enables you to score RERA's and define sleep fragmentation
- ◆ Distinguish between AHI and RDI using the RERA's
- ◆ Extensive CPAP pressure report – better define the ideal fixed pressure for your patients
- ◆ Bruxism sensor (optional) – addressing the growing trend toward dental sleep medicine



### Simple easy to use interface

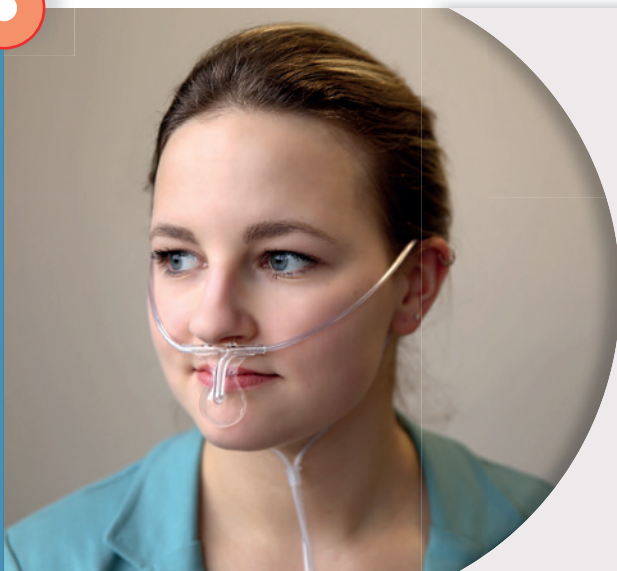
- ◆ Easy to use for both practitioner and patient
- ◆ Quick start function – one standard montage
- ◆ Pre-configured report for helpful data processing
- ◆ Marker button to notify of interesting events

## No thermistor needed

Measure mouth breathers with our nasal-oral cannula. Then process the signal with our linearization algorithm for results that have the same sensitivity and specificity as a traditional thermistor<sup>1</sup>.

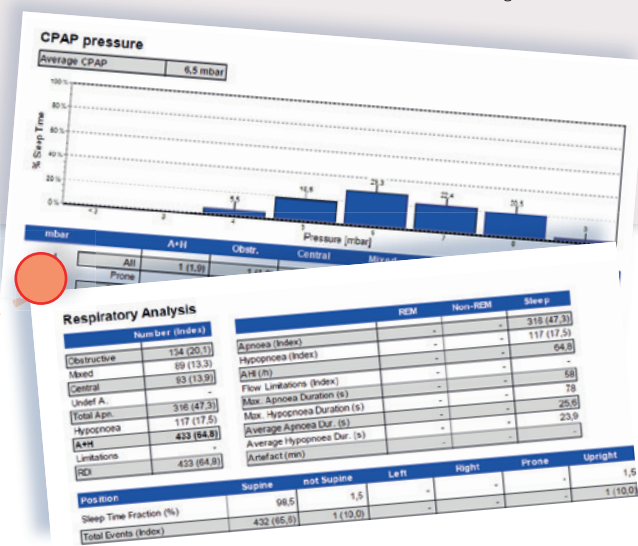
<sup>1</sup> Diagnostic utility of a nasal-oral cannula with linearized pressure flow in comparison to AASM recommended combination of thermal and nasal pressure sensor.

Küchler, G. et al., Eur Respir J 09.2017, 50 (suppl 61) PA2297; DOI: 10.1183/1393003.congress-2017.PA2297.



### Device & analysis software

- ◆ 50min fast charge for an 8h night recording
- ◆ Quick data transfer (Approx. 90s for a full nights study)
- ◆ PC interface with graphical based control
- ◆ Powerful software based on existing DOMINO light software platform
- ◆ Manual, semi auto and automatic scoring available



Excerpt from the pre-configured report