

SOMNO HD eco

PSG IN HD: COMPACT. ROBUST. INTELLIGENT. EASY.

Small & Compact Design

One device fits all. Allowing ambulatory & stationary applications

Intelligent Connect™

Automatic sensor recognition – making montages a thing of the past

PSG with 55 Channels

Up to 4 kHz sample rate/channel, 24 Bit EXG resolution



Wireless Realtime Data Transfer & Remote Signal Check

Realtime wireless data transmission with all data backed-up on internal memory. Online signal check on smartphone and tablet

Cuffless Blood Pressure Measuring

A new era in continuous & reactionless systolic/diastolic blood pressure measurement

Intuitive Interface

Reduced to just what you need: Power, start and patient marker as well as status LEDs for the sensors. Easy

The **SOMNO HD eco** is our most powerful, compact & flexible diagnostic tools for PSG. Combining the best features from our world renowned SOMNOscreen™ plus and the most innovative technologies from the SOMNO HD to create one of the simplest, powerful & robust PSG systems in the world - setting a new benchmark in sleep diagnostics.

Robust Design

- ◆ Signal check or bio-calibration either on the PC or directly at the patients bedside with the App and tablet
- ◆ Intuitive and easy to use: start the recording straight from the device
- ◆ LEDs indicate connected/missing sensors



AUTOMATIC, FREE SOFTWARE UPDATES



Ultra HD Signal Quality

- ◆ Up to 4 kHz sample rate per channel
- ◆ Up to 24 Bit resolution EXG channels
- ◆ Innovative low noise technology
- ◆ Wireless datatransfer with continuous impedance check
- ◆ Backup of recorded data on memory card - No loss of data even if the patient is moving around

Versatility - In a compact design

- ◆ Basic Respiratory Screening up to full PSG recording with/without video
- ◆ CPAP / BiPAP / SV Titration
- ◆ 24 hour ECG, Pulse Oximetry recording and blood pressure recording
- ◆ 32 Channel EXG-Headbox available



Intelligent Connect™

- ◆ Automatic sensor recognition – no montages required – no mix up of sensors
- ◆ Freely selectable channels – saving time during application
- ◆ Change or add sensors during a recording
- ◆ Automatic recognition of headbox channels

you will never miss new features

Docking Station

- ◆ Fast and easy recharging of Li-Ion battery
- ◆ Enables fast data transfer times
- ◆ Virtual PC based docking station
- ◆ Available in a 3 port design for larger installations

