

SLEEP DIAGNOSTICS FOR CHILDREN? AS EASY AS 1, 2, 3.....

PEDIATRICS



For adult and pediatric use.
For pediatric use only in a hospital/clinic environment.

SOMNOmedics
SOMNOscreen® HD

SOMNOmedics is a global leader in pediatric sleep diagnostics – with some of the smallest devices offering a wide range of child-specific sensors, it's easy to see why we are the preferred choice.

- * Compact design – The SOMNOscreen® HD is just 4.33 × 2.91 × 0.94 inches and weighs only 6.10 oz (incl. battery)
- * SOMNOscreen® HD can be used as a stationary device for children from 2 years of age and up
- * Intelligent Connect™ – Automatic sensor and electrode recognition – making montages a thing of the past
- * Color touch screen – Allows PC independent set-up, bio-calibration & impedance check at the bedside
- * Telemetric data transfer whilst data is also stored automatically on an SD card – allowing full mobility of the child
- * Many built-in sensors – less cables – meaning higher comfort for the child & care giver
- * A large range of pediatric sensors available
- * True wireless technology – Real-time, wireless data transmission

■ ■ ■ Made in Germany

 **SOMNO**
medics

SOMNOscreen® HD pediatric sensors

...because even astronauts and princesses need a good night's sleep

EEG/EOG according to AASM

Thermistor & Nasal cannula

Microphone

1-Channel ECG

External activity and position sensor

Inductive effort belts

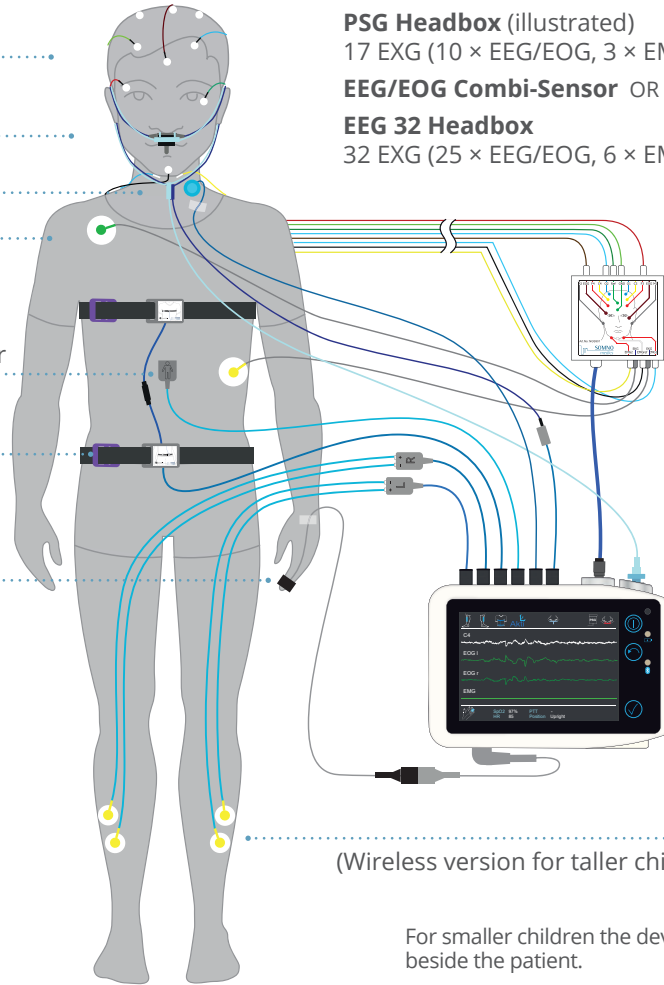
SpO₂ sensor

SpO₂, pulse rate, Plethysmogram



Mobile signal check

Save time and money by sending a screenshot of the live study data to your PC, tablet or smartphone.



PSG Headbox (illustrated)
17 EXG (10 × EEG/EOG, 3 × EMG, 1 × ECG) OR

EEG/EOG Combi-Sensor OR

EEG 32 Headbox

32 EXG (25 × EEG/EOG, 6 × EMG, 1 × ECG)

PSG Headbox

PSG: 14 h online measurement

PLM sensors
(Wireless version for taller children available)

For smaller children the device can be placed beside the patient.

Integrated channels:

Body position, movement, SpO₂, pulse rate, Plethysmogram, RIP belt, pressure flow, snoring via pressure sensor, CPAP pressure, patient marker, ambient light, intelligent power management.

Integration of external signals

- CO₂ monitor (side-stream) integration
- Easy to record extra diagnostic parameters: Our devices can record up to 16 additional external signals via our range of 'optocouplers'.

DOMINO software features

If the patient does not tolerate the thermistor and nasal cannula, then use the 'sum effort' as breathing source.



OPTIONAL

- ★ Analog optocoupler, 1-channel or 4-channel, to record external analog signals
- ★ Digital optocoupler to connect the LoFlo capnometer
- ★ Video camera
- ★ External battery (to increase recording time)



Video camera



Analog optocoupler

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