

SOMNOscreen™ plus

THE ORIGINAL & PROVEN PORTABLE PSG DEVICE

Up to 58 Channels with excellent signal quality

For all PG & PSG applications with unique active sensors

Wireless data transfer

In real time - for patient comfort and mobility

Colour & mechanical coded inputs

For easier sensor handling

**ACTUAL
SIZE**

Small compact design

One size fits all, allowing ambulatory & stationary applications.

Cuffless beat-to-beat blood pressure measurement

A new era in measuring blood pressure in a sleep laboratory - without disturbing sleep

LCD Screen with control keys

Allows PC independent set up & signal quality check at the patient bedside



SOMNOscreen™ plus - PSG Configuration



EEG

- ◆ Sleep: AASM or R&K standards
- ◆ Simplified Sleep: 2 options
- ◆ 32 ch. longterm EEG recording

Pediatrics

A full range of pediatric sensors is available and our DOMINO software has semi-automatic or manual pediatric analysis.

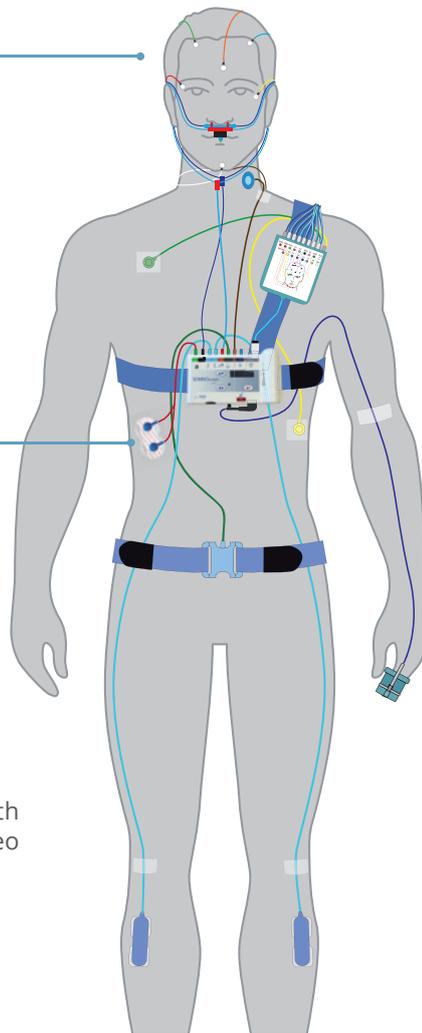
Obstructive or central apnea?

With IC EMG - you can now better distinguish between obstructive and central apneas



IR video camera options

A full range of IR video cameras both home based and lab based online video options available. Contact us for further information.



Arousals

Arousal scoring based on the ability to pick up the reaction of the autonomous nerve system to awakenings in the plethysmogram

SOMNOscreen™ plus Signal and Sensor Options

INTEGRATED	OPTIONAL SENSORS*				
Body position	SLEEP STAGING OPTIONS				
Movement	AASM Headbox - 17 EXG (10 x EEG/EOG, 2 x EMG, 1 x ECG)		Simplified Sleep Staging (1 x EEG, 2 x EOG)		
SpO ₂	SLEEP LAB SENSOR OPTIONS				
Pulse rate	Thermistor (flow)	Microphone (snore)	Second effort belt	2 x PLM sensor	Bruxism
Plethysmogram	Extra EMG	Pneumotachograph	External body position	Pediatric sensors	IC-EMG
Effort belt	Activity sensor	Sidestream CO ₂	Transcutaneous CO ₂	1 or 3-channel ECG	Pressure flow
Patient marker	EEG SYSTEM OPTIONS				
Ambient light	EEG Headbox - 32 ch (25 x EEG/EOG, 6 x EMG, 1 x ECG)			Photo stimulator	
Intelligent power management	ONLINE (IN-LAB) OPTIONS				
	Bedside signal check	Wireless transfer to PC	Pan-Tilt-Zoom Camera (IR)	Intercom	
	Infrared camera	HD video (IR)			
	EXCLUSIVE TO SOMNOmedics				
	Cuffless beat-to-beat blood pressure measurement	Home Sleep Cam (offline video at home)	High frequency snore		
	SPECIAL OPTIONS			RESEARCH ONLY SENSORS AVAILABLE. Contact us for further information.	
	Connect external devices	CPAP integration			

* Not all sensors and options are available in all countries. Please check with your local dealer for further information.