

SOMNOscreen™ plus for pediatrics - pediatric sensors -



- Modular system: from respiratory screening up to a full PSG - ambulatory or stationary
- Telemetric data transfer
- Flexible application of the SOMNOscreen™ plus at the bedside - for newborns and infants, where the SOMNOscreen™ plus cannot be applied directly to the body

Highlights in pediatric application

- Predefined or customer-defined analysis settings for different age groups
- Integration of the movement signal (e.g. from hand) in the sleep analysis
- Automatic respiratory analysis: detection of periodic breathing
- Easy manual editing

Sensors are also available for neonatology



Overview SOMNOscreen™ plus

58 channels modular upgradeable from a screener up to a full PSG
Data recording and transfer Telemetric up to 100 m with external transmitter or via bluetooth with built-in data transmitter 16 Bit resolution Sampling rates adjustable for each channel from 4/s to 512/s (optional 4096/s)
Data storage High Speed Compact flash card (2GB capacity)
Size and weight 140 x 80 x 36 mm, 220g (incl. battery)
Power supply Li Ion battery (rechargeable) for up to 61 hours of screening
Video Digital video camera with directional microphone and IR-lamp Analysis software DOMINO with pediatric analysis settings

Overview of the paediatric sensors

Extension Cable for SOMNOscreen™ plus headbox
Pediatric soft silicone finger clip for pulse oximeter
NONIN Reusable PureLight® Flex Sensors, neonatal patients & infants
Customized nasal/oral flow sensor thermistor for pediatric measurements
Nasal cannula for neonatal patients & infants
Retaining clip for simultaneous application of thermistor & nasal cannula
Microphone for snoring detection, cable length 120 cm
External body position sensor
Active ECG sensor pediatric, green plug
Active PLM/EMG sensor pediatric
Inductive effort belts for pediatrics
Pneumatic effort belts for neonatal patients & infants
Pressure Effort Pad for neonatal patients
Complete set of extension cables