



Polysomnography in High Definition

SOMNO™ HD



SOMNO™ HD | Overview

- High resolution touch screen:
 - intuitive handling with symbolic gestures
 - start recording directly from device
- Intelligent Connect:
 - automatic sensor detection
 - multipurpose selectable channels
 - change sensors during recordings
 - montage creation directly on device
- Signal check on display, zoomable signals
- Professional RIP: integrated sensors
- Sampling rate: up to 4 kHz per channel
- Reversed lead sensor cables prevent unintended disconnection
- Wireless data transfer, for patient comfort and mobility
- Carbon-look housing, colour selectable (black / white)

SOMNO™ HD | Technical Specifications

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| Channels | 10 internal (respiratory flow & snore, breathing efforts (RIP), SpO ₂ , pulse rate, plethysmogram, body position, movement, ambient light, patient marker) up to 28 external (7 slots with up to 4 channels each) 17 EXG with PSG headbox (EEG, EOG, EMG, ECG), 32 EXG with EEG headbox |
| Data collection | sampling rate: 4 kHz per channel / device, 1 kHz per channel / headbox storage rate: 500 MB/h |
| Data storage / transfer | built-in bluetooth data transmitter for wireless online data transfer & recording on PC simultaneous storage on 1 GB Micro SD card docking station for charging and data transfer (2 MB/s, 50s/PSG), firmware updates and synchronisation |
| Display | capacitive touch screen with gesture control high resolution, 480 x 320 Px |
| Size and weight | device: 110 x 74 x 24 mm, 190g headbox: 65 x 65 x 11,5 mm, 70g |
| Power supply | Li-Ion battery, rechargeable via docking station, charging duration approx. 1 h / PSG |
| Recording duration | up to 14 h online / 20 h offline |