

# BrainRT equipment for Polygraphy Somnolter recorder



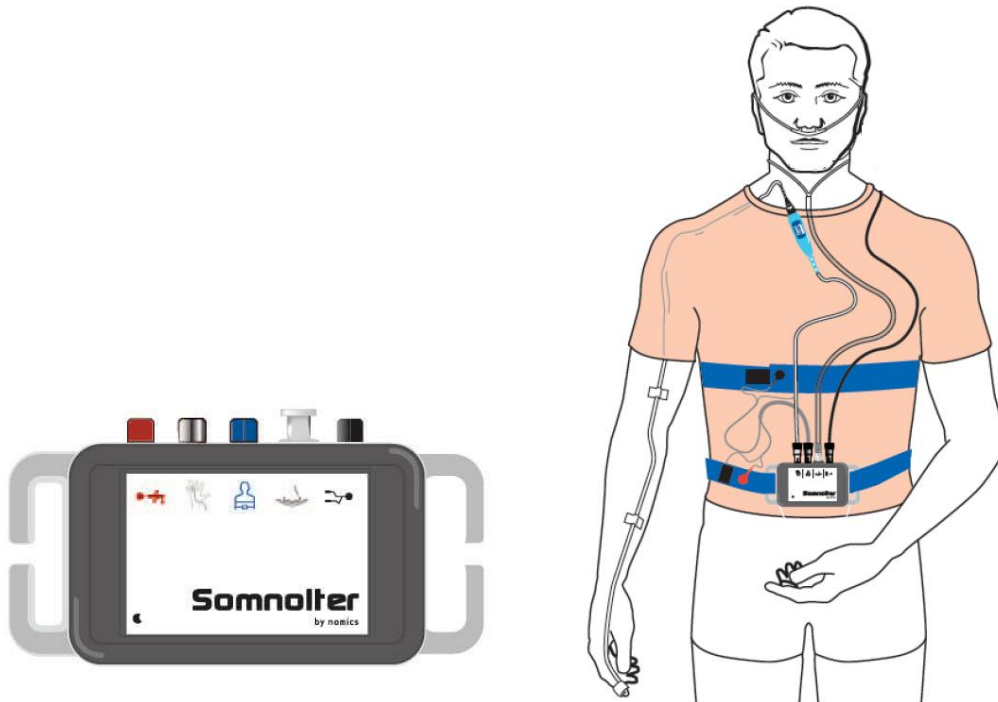
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# Polygraphy with Somnolter



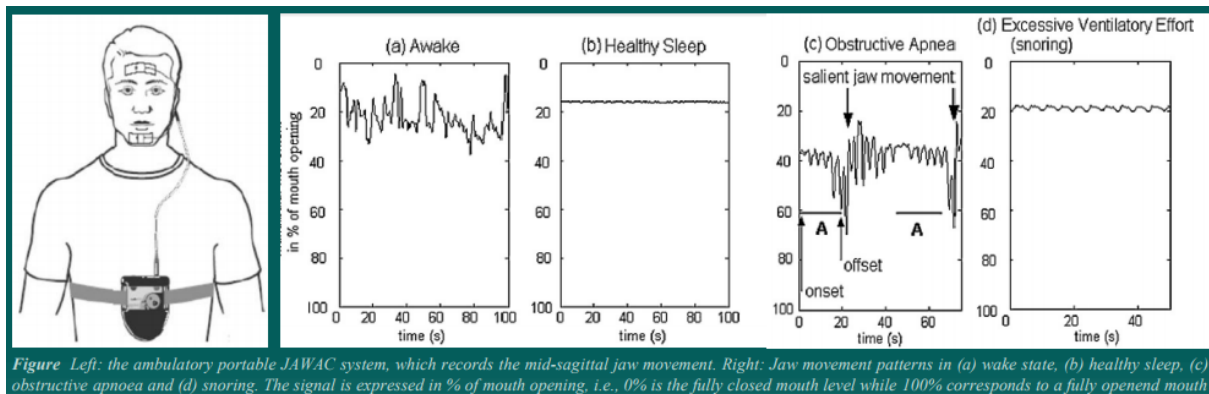
## Specifications PG recorder

- **Compact and light recorder**  
85mm x 55mm x 16mm, 80g
- **Battery**  
Rechargeable battery
- **Recording time**  
Maximum recording time: 18 hours (possibility to do multiple recordings without charging)
- **Data-storage**  
All data will be stored on the recorder's hard disc. Transferring the data to the computer is carried out by connecting the Somnolter recorder through USB cable with the computer.

## Registration channels

- **Flow: cannula**  
Technology: pressure transducer with very high sensitivity en calibrated pressure (also useful for CPAP registration)
- **Respiratory Effort (Thorax, Abdomen)**  
Technology: inductive belts  
(RIP – Respiratory Inductance Plethysmography)
- **SpO2**
- **Pulse rate**
- **Plethysmographic pulse waveform**

- **Body position (inherent in the sensor)**
- **Multi-use channel for EMG, ECG, Pneumotachograph, ...**
- **Innovative signal: Jawac ('Jaw Activity')**



## Simple connection

The connection of the recorder to different sensors is very simple due to the pictograms on the recorder which indicate the attachment sites. These connections can be done by the patient himself when an instruction folder is given to the patient.



## Communication through USB

The recorder can be charged through USB cable connected with the computer and simultaneously the data of the registration will be read in. Only one simple action (USB cable connected to PC and the recorder) is thus sufficient to charge the recorder and transfer the data from the recorder to the computer.

