



*Excellence  
in simplified  
sleep diagnostics*

# Screen&Go

SAHS SCREENING



AASM and GES guidelines  
**Creating the future**

# Screen&Go · SAHS screening

## EXPERIENCE IS OUR GUARANTEE

### Description

The *Screen&Go* is a powerful single channel SAHS screening device that uses a nasal cannula (standard) to provide the necessary signals for an easy, reliable and quick diagnosis of the patient. The device follows the latest guidelines AASM (American Academy of Sleep Medicine) and the GES (Spanish Sleep Group).

### Versatility

Upgradeable up to 7 simultaneous channels: respiratory flow through a nasal cannula and a thermocouple, snoring, chest effort, oxygen saturation, heart rate (BPM), body position and activity.

### Main features

- Type IV respiratory polygraph.
- Sturdy, light and comfortable.
- Easy and user friendly operation.
- Color graphics screen.
- MicroSD / MicroSD HC memory card.
- Built-in Activity sensor (optional).
- Linearize flow wave by the square root for proper identification of apneas, hypopneas and flow restriction.
- Signals view in real time on screen.
- On-screen signal quality control.
- On-screen equipment status information (memory available, battery level, error warnings, sensors connected...).
- Programmable from a PC and the equipment itself.
- Quick user guide for patients.



Removable Micro SD memory card.



Suitable for pediatrics\*



### New trends

Increment of the SAHS knowledge and high demand have led a variety of medical specialties (Primary Health Care, Cardiology, ENT, Odontology, Psychiatry and so on) to search for an alternative method to solve an urgent need of sleepdisorder diagnosis.

### Available events

- Apneas (obstructive, central and mixed)
- Hypopneas
- Desaturation
- Snoring
- Air Flow limitation
- Non-specific breathing event
- Cheyne-Stokes

\*  $\geq 5$  years old

## BITMEDLab SOFTWARE

The new BITMEDLab is a powerful software program available for the whole range of BITMED polygraphs and polysomnographs.

During the test review, select the you want to print, them all at the same time at the end of the test.

Set the automatic start and end of the test quickly and easily from PC.

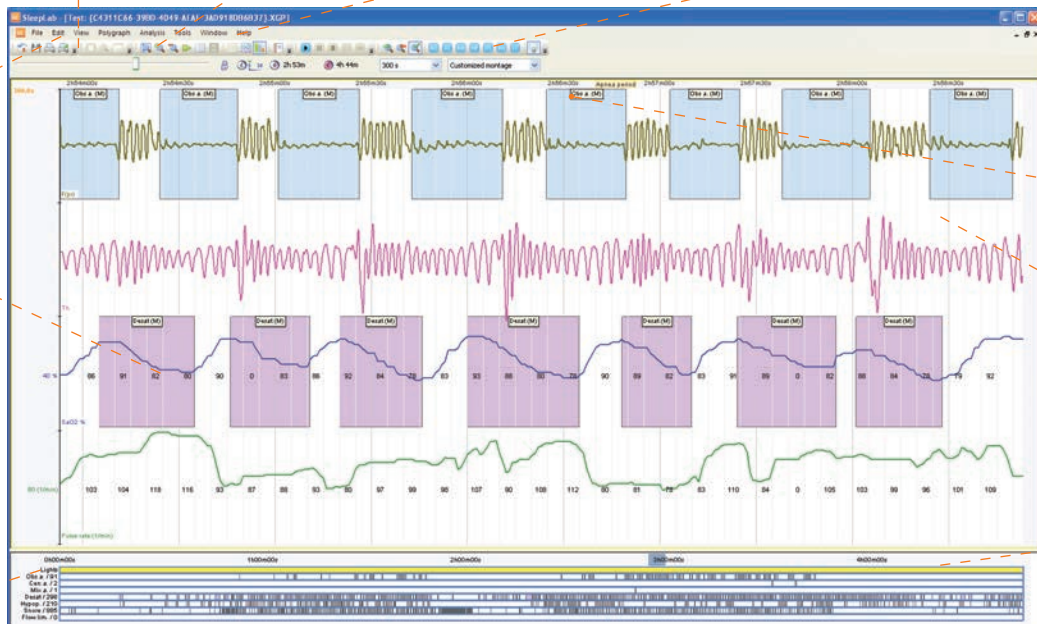
Customizable automatic analysis criteria.

Multiple event marking options, with either the keyboard or the mouse.

Test exporting in ASCII and EDF formats.

Automatic or manual marking of sleep events.

Different events depending on the type of performed test.



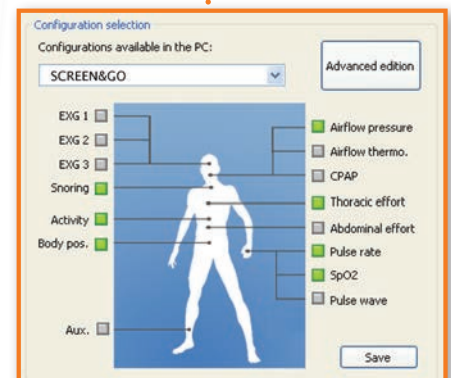
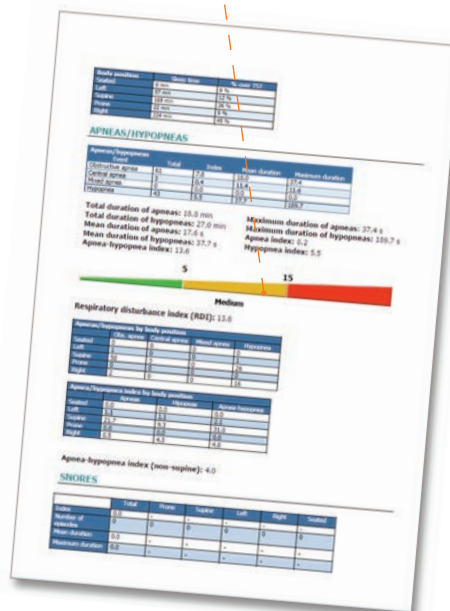
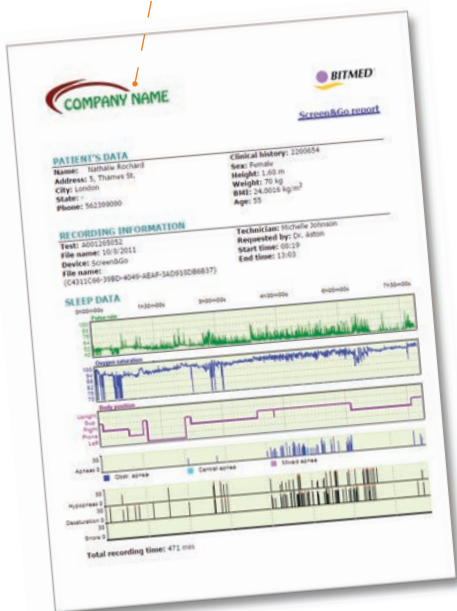
Insert text notes anywhere in the test.

Multiple time baselines, trend window and a summary panel with all the events and episodes of the test.

Generate complete reports based on customized templates, integrated in MS Word and exportable as RTF or PDF.

IAH severity graph as an aid to the diagnosis.

Choose the channels to be acquired during the test on the graph.





## CONFIGURATION

## Screen&Go

Respiratory flow via nasal cannula	■
Snoring via nasal cannula	●
Thermocouple	●*
Inductive chest effort	●
SpO <sub>2</sub>	●
Pulse heart rate (BPM)	●
Position	●
Activity	●

■ Included ● Optional

\*Can not be used simultaneously with the chest belt

## Technical Specifications

### Type IV polygraph

No. of channels: 1-8 (7 simultaneous)

Dimensions: 86x86x24 mm

Weight: 125 gr (without battery)

Internal battery: 2 AA alkaline/NiMH rechargeable batteries.

Battery life >36h without SpO<sub>2</sub>

Battery life: 4 studies of 8 hours

Memory: Micro SD. Maximum 2Gb (>1500 studies of 8 hours)

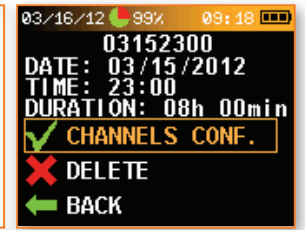
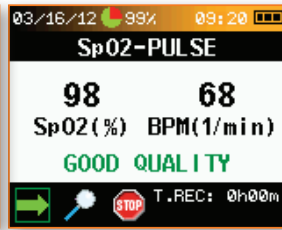
Micro SD HC. Maximum 16Gb (>12000 studies of 8 hours)

### Input range:

- Auxiliary polygraph input: ± 5 mVpp
- Respiratory flow through pressure transducer: ± 4 cmH<sub>2</sub>O (3.9 hPa)
- Snoring through pressure transducer ± 0.5 cmH<sub>2</sub>O (0.49 hPa)
- Pulse: 18-321 BPM (1/min)
- Oxygen saturation: 0-100%
- Activity meter: approx. 300 m/s<sup>2</sup>
- Body position: supine, prone, left, right, seated.

### Linearity:

- Respiratory flow (pressure transducer), snoring (pressure transducer): ± 3%
- Auxiliary polygraph input, activity meter: ± 3%.



## SLEEP&GO · cardiorespiratory polygraph

The *Sleep&Go* device is a powerful cardiorespiratory polygraph (Type III), with 8 standard channels that can be upgraded to 16, depending on the client's needs.

The *Sleep&Go* can combine the following signals: respiratory flow (nasal cannula and thermocouple), snoring, CPAP pressure, chest effort, abdominal effort, oxygen saturation, beat rate, plethysmographic wave, limb movement, body position, activity and EEG, EOG, EMG and/or ECG signals (maximum of 3 channels).

The device complies with the latest guidelines of the AASM (American Academy of Sleep Medicine) and the GES (Spanish Sleep Group).



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