



Somfit®



Somfit®*PRO*

A breakthrough for Home Sleep Testing.



Somfit®

Somfit® is a wearable device for collecting patients' physiological data, primarily for use in assisting medical professionals to diagnose sleep disorders.

Somfit can be used as a one-night screening device if the doctor suspects OSA. Somfit® can also be used for a seven-night investigation when insomnia or a circadian rhythm disorder is suspected.

Small, simple to use and comfortable.

Ease of use and comfort were the main considerations in the design of the Somfit.®

The Somfit® system comprises of the Somfit® device, a disposable adhesive electrode and a phone app.



A single-use adhesive-gel electrode. This is worn on the patient's forehead and collects the physiological data.

The Somfit® device, is pressed onto the electrode. The Somfit houses the sensors and transmits the data to the Somfit App via Bluetooth.

The Somfit® App This is used to control the Somfit and to transmit the study data to be processed.

Profusion neXus 360™ Lab Management system is designed to support the continuing evolution of labs and clinics.

Somfit^{PRO}



Somfit® Pro is a system that adds the Respifit module to the Somfit to provide additional clinical data.



Somfit® Measures

- Automatic Hypnogram
- EEG (1ch)
- EMG (1ch, measured)
- EOG (2ch, measured)
- Blood Oxygen Sat (SpO2)
- Pulse (Heart Rate) & HRV
- Peripheral Arterial Tone
- Movement
- Head Position
- Snore
- Ambient Light
- Automatic Stage Light Off/On



Somfit® Pro Additional Measures

- ECG (1 channel - optional)
- Thoracic respiratory effort (inductive band)
- Abdominal respiratory effort (inductive band- optional)
- Airflow
- Respiration Rate
- Body position
- Movement