



Sandman Pocket™ Portable Sleep Recorder

FEATURES

- Ability to collect data from 2 to 14 channels
- Built-in Pulse Transit Time (PTT) – an accurate noninvasive method for detecting Autonomic Micro Arousal (AMA) and respiratory effort
- Built-in NELLCOR OXIMAX™ pulse oximetry for accurate tracking of true SpO₂ and pulse rate values
- Plug-and-play interface with GOODKNIGHT™ 425ST BI-LEVEL™ device and 420E auto-CPAP device
- Optional pH and e_TCO₂ capabilities for pediatric studies
- Lightweight, durable design for easy patient mobility
- Carrying case for convenient portable studies

A SIMPLE, FLEXIBLE WAY TO SCREEN FOR SLEEP-DISORDERED BREATHING

Covidien brings a new level of efficiency to sleep screening with the SANDMAN POCKET™ portable recorder. This versatile, pocket-sized device makes it easy to screen for sleep-disordered breathing in various environments. You can conveniently use the Sandman Pocket portable recorder in the home, on the hospital floor or for attended studies in the sleep lab. The patient-wearable recorder and headbox gives you the flexibility to collect up to 14 channels of data. Scoring is quick and easy with the acclaimed Sandman sleep diagnostic software.

SANDMAN POCKET PORTABLE SLEEP RECORDER

The Sandman Pocket portable recorder provides six customizable montage options. The LCD display screen lets you conveniently view multiple parameters, including montages and set start/end times, and allows you to enter sleep study file names, change current date/time and view signal traces.

Other features include:

- Internal memory (128 MB): stores at least three overnight studies
- Multiple patient wearing options, including an armband
- Standard AA batteries provide up to 16 hours of operation
- Optional attended mode (connected to computer) powers from USB cable (45.72 m), max distance 150'

PARTS

The **Sandman Pocket** portable recorder comes with a training video and Quick Set-up Guide, and includes the following parts:*

D.5434	Sandman Pocket ExG Adapter
D.5435	Sandman Pocket ECG Sensor
MAXAL	Nellcor OxiMax MAX-AL Adult Pulse Oximetry Sensors
D.5436	Sandman BREATHSENSOR™ Airflow Thermistor Cable
041529	Sandman Adult BreathSensor Airflow Thermistors [24/pkg]
041867	Sandman Infant BreathSensor Airflow Thermistors [24/pkg]
D.5437	Sandman Pocket Snore Sensor
D.5438	Sandman Pocket Adult Chest Belt
D.5439	Sandman Pocket Adult Abdomen Belt
D.5447	Sandman Pocket Body Position Sensor
D.5440	Sandman Pocket Ground Lead
D.5444	Sandman Pocket Headbox Pouch
D.5448	Sandman Pocket Carrying Case
D.5455	Sandman Pocket Recorder Pouch

* Pediatric sensors are available for pediatric systems.

SANDMAN POCKET HEADBOX

This ultra-compact headbox easily attaches to the patient respiratory belt and has color-coded sensor connections for quick and easy patient setup. The headbox has a built-in pressure transducer, and patients can use the event marker button to indicate interruptions.

14 Channels, including:

- Pressure transducer airflow
- BreathSensor thermistor airflow
- Snore
- EKG
- 2 x ExG (suitable for recording EOG, EEG, EMG, PLM, pH, EtCO_2)
- Chest effort
- Abdominal effort
- Body position
- SpO_2 pulse rate
- Heart rate (derived)
- Patient ground
- Up to 8 CPAP channels including pressure, flow, leak
- Pulse Transit Time (PTT)

PULSE OXIMETRY

- Built-in Nellcor OxiMax pulse oximetry
- 2 – 3 second fast averaging mode for optimal tracking of patient desaturations

CPAP (OPTIONAL)

- Connects to GoodKnight 420E auto-CPAP system and GoodKnight 425ST Bi-Level devices

pH (OPTIONAL)

- Connects to a Sandhill SmartMETER™**

EtCO_2 (OPTIONAL)

- Connects to Nellcor OxiMax N-85™, and NPB-70 handheld capnograph for monitoring EtCO_2

MULTIPLE APPLICATIONS

- Clinic, hospital, home settings
 - Attended (pediatric – adult)
 - Unattended (pediatric – adult)

SAFETY STANDARDS

- Complies with IEC 60601-1
- Meets CSA and UL requirements

Physical Characteristics: Recorder

Size	Weight (without batteries)
5" wide x 3" tall	4.2 ounces
127 mm x 80 mm	120 grams

Physical Characteristics: Headbox

Size	Weight
2.7" wide x 1.8" tall	2.1 ounces
70 mm x 45 mm	60 grams

**SmartMETER is a trademark of Sandhill Scientific, Inc.

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