

User Manual Nov. 2008 (24.5cmX15.68cm)
1561 (out)

Warranty: SLP warrants the body position sensor to be free of defects in materials and workmanship for a period of 12 months from the date purchased. The sole liability of SLP and our distributor(s) is limited to replacement or repair of the product at the option of SLP with no charge for parts or labor if any part is proven to be defective in workmanship, performance, or materials during the warranty period. Under no circumstances shall SLP or our distributor(s) be liable for any loss of revenues or damage, direct, consequential, or incidental, including loss of profit, property damage, or personal injury arising from the use of, or the inability to use this product. This warranty is intended only for the original buyer and is in lieu of all other warranties or previous agreements, expressed or implied. This warranty is rendered void if the product is used for other than its intended purpose or is subject to abuse, misuse, tampering, neglect, or unauthorized modifications. Use of this product constitutes acceptance of this warranty in total.

Attention: contains a lithium battery - dispose of properly.



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For more information

N1561-EN, rev.1.1

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SleepSense[®]
Better sensors. Better sense.

User Manual

AC Body Position Sensor / Safety Pins

Technical specifications:

Item #:	1561
Cable:	200 cm long white PVC insulation lead wire
Sensor:	Small ABS box, 1"x0.7"X0.5"
System connector:	1.5 mm DIN safety pins
Recommended filter settings:	High pass: 0.1 Hz / Low pass: 70 Hz
Signal output:	Biopolar pattern: 0.5 mV - 1 mV
Intended for system:	Any system that accepts DIN safety pins
Operating conditions:	5°C (40°F) - 40°C (104°F)
Storage temperature:	-20°C (-4°F) - 60°C (140°F)
Operating and storage humidity:	5% - 95% (Non-condensing)

Position Sensors

Thank you for purchasing the SleepSense® body position sensor.

Description

Using a gravity switch, the body position sensor provides a signal that is directly proportional to the patient's sleeping posture (supine, prone, left, right or sitting). The sensor may be connected to any AC (low level) channel on the recorder.

Indication for Use

SleepSense® sleep-lab sensors provide a qualitative measure of respiratory sounds, effort, flow, body position, or movement, for recording on an approved data acquisition system. They are intended for use on children and adult patients who are screened during sleep disorder studies at a sleep laboratory or the patient's home.

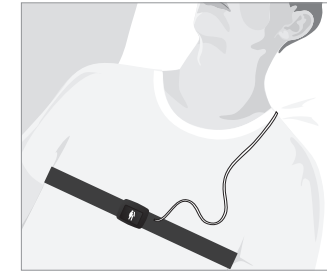


Warnings and Precautions

- Sleepsense® sensors are for professional use only.
- Caution: US Federal Law restricts this device to sale, distribution and use by or on the order of a physician.
- SleepSense® sensors may be used only in conjunction with an approved recording system.
- Discontinue use if sensor shows signs of wear, damage, or exposed metal.

Applying the Sensor

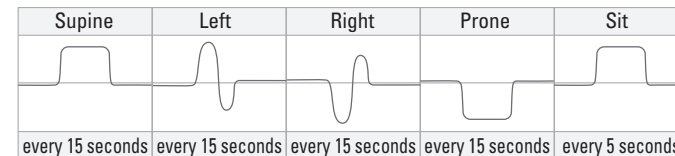
The patient should lie on his/her back for optimal positioning of the sensor.



Positioning the Sensor

1. Place the sensor belt around the patient's chest over the night clothes and on top of the effort sensor belt. Make sure the sensors do not touch the skin.
Locate the position sensor at the exact center of the body over the sternum.
 2. Gently tighten the body position belt to secure the sensor in place. A loose belt may rotate and produce error in indication during the night.
- **Tape the cable about five inches away from the sensor to reduce strain and enhance reliability.**
 - **Check that clear, strong signals are being transmitted before leaving the patient.**

Output Wave Forms:



Cleaning the Sensor

- Wipe the sensor and cable with a non-corrosive (to plastic) cleanser before use.
- Make sure the complete sensor assembly is thoroughly dry before reusing it.
- To sterilize the sensor, follow standard gas or solution sterilization protocols.
- Do not autoclave or soak the sensor system in disinfectants.