

Warranty: SLP warrants the respiration flow sensor to be free of defects in materials and workmanship for a period of six 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.



For more information

N14PP-EN, rev.1.2

Manufactured by: S.L.P. Ltd
62 Anilevitz St, Tel Aviv, 67060 ISRAEL
Tel: +972 3 537 1281, Fax: +972 3 537 1282



www.sleepsense.com

Distributed by: S.L.P. Inc.
112 E. Main St. # 240, St. Charles, IL 60174, USA
Tel: +1 630 513 7479, Fax: +1 630 513 8478
E-mail: info@sleepsense.com
Toll-free (U.S.): +1 888 757 7367



Infant Flow Sensors

SleepSense®

Sensors that make sense

User Manual

Infant Flow Sensors

Technical specifications:



0483

Item #:	1400
Sensor:	3 miniature thermocouple elements
System connector:	1.5 mm DIN safety connectors
Recommended filter settings:	High pass: 0.1 Hz / Low pass: 70 Hz
Signal output:	Approximately 0.2 mV for normal respiration
Intended for system:	Any system that accepts DIN safety connectors
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)



Reusable Flow Sensors

Thank you for purchasing a SleepSense® sensor.

Description

The SleepSense® Infant Flow sensor makes use of heat sensitive elements to generate a signal in response to temperature changes. Due to the small size of the wires, a good signal can even be produced by a weaker flow.

The output may be connected to any AC (low level) channel on the recorder.

Indication for Use

SleepSense® sleep-lab sensors provide a qualitative measure of sounds, respiratory-effort, flow, body position or limb movements, 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.
- SleepSense® sensors are for sale by or on the order of a physician.
- SleepSense® sensors may be used only in conjunction with an approved recording system.
- SleepSense® sensors are intended for use only on healthy skin.
- Discontinue use if sensor shows signs of wear, damage, or exposed metal.

Applying the Sensor

- The Infant Flow sensor is placed on the infant's bridge of the nose, with the protruding part folded so the sensor elements are located under the nostrils.



- To position the sensor:

1. Bend the sensor's body so that it fits on the bridge of the infant nose.
2. Apply the sensor on the nose with the T shape sensor element towards the mouth and the wire towards the forehead. Secure with a piece of facial tape.
3. Bend the T shape sensor element to position it just under the nostrils. Be sure that it does not touch the nose.
4. Draw the wire over the infant's forehead and tape to enhance reliability.
5. Check that clear, strong signals are being transmitted before leaving the patient.

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.
- Do not autoclave or soak the sensor in disinfectants.