

For Sleep Diagnostic Studies

NEW!

ThermiSense®

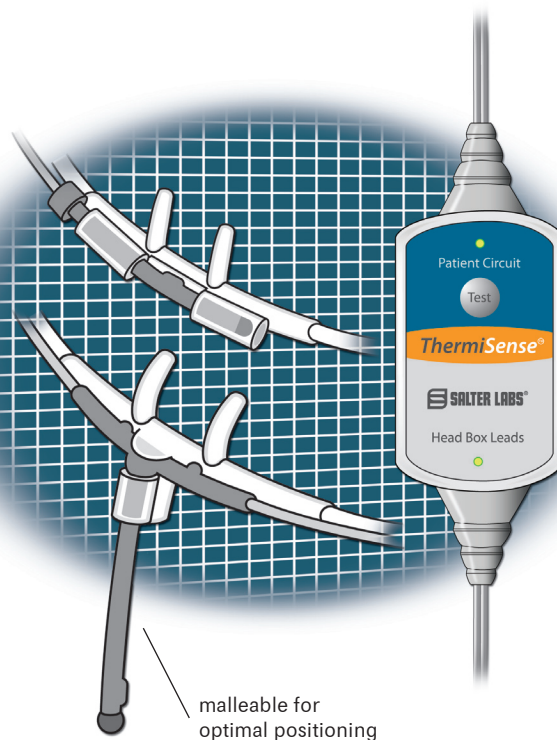
**Oral/Nasal Thermal
Airflow Sensing System**

**Monitor Airflow by Thermal Resistive
Technology in conjunction with Nasal
Pressure with Salter Labs BiNAPS®**

The Salter Labs ThermiSense® is a diagnostic thermistor temperature sensing system for use during sleep disorder studies.

It will deliver an accurate signal to the head box of your PSG recorder. The specifically designed cannula/holder allows the

ThermiSense® thermistor to be placed in the optimal position to accurately sense the oral/nasal thermal airflow changes as well as the nasal pressure signal when used with the Salter Labs BiNAPS® unit or other nasal pressure sensing device. This combination will meet the AASM guidelines for nasal pressure and oral/nasal thermal airflow sensing. The system contains an integral circuit tester to check both the head box leads and thermistor for continuity. This eliminates signal problems before beginning a study, saving you time.



Complements nasal pressure devices with a system that adds the required thermal monitoring in an easy to apply cannula/thermistor combination

- **Accurately detects events:**
Apnea/Hypopnea/Flow limitation
- **Reusable thermistor mounts on disposable cannula/holder to capture Oral /Nasal airflow signal**
- **Thermistor secured in special cannula/holder reducing potential of skin contact**
- **System incorporates lead/thermistor test to verify circuit integrity before beginning sleep study**
- **Rugged, Kevlar® tinsel cables for product durability**
- **Compatible with most major PSG systems**
- **ThermiSense® Interface Box – 1 year warranty**
- **Thermistor – 3 month warranty**

U.S. and Worldwide Patents Pending

SALTER LABS®

ThermiSense®

Oral/Nasal Thermal Airflow Sensing System

Helps meet AASM guidelines

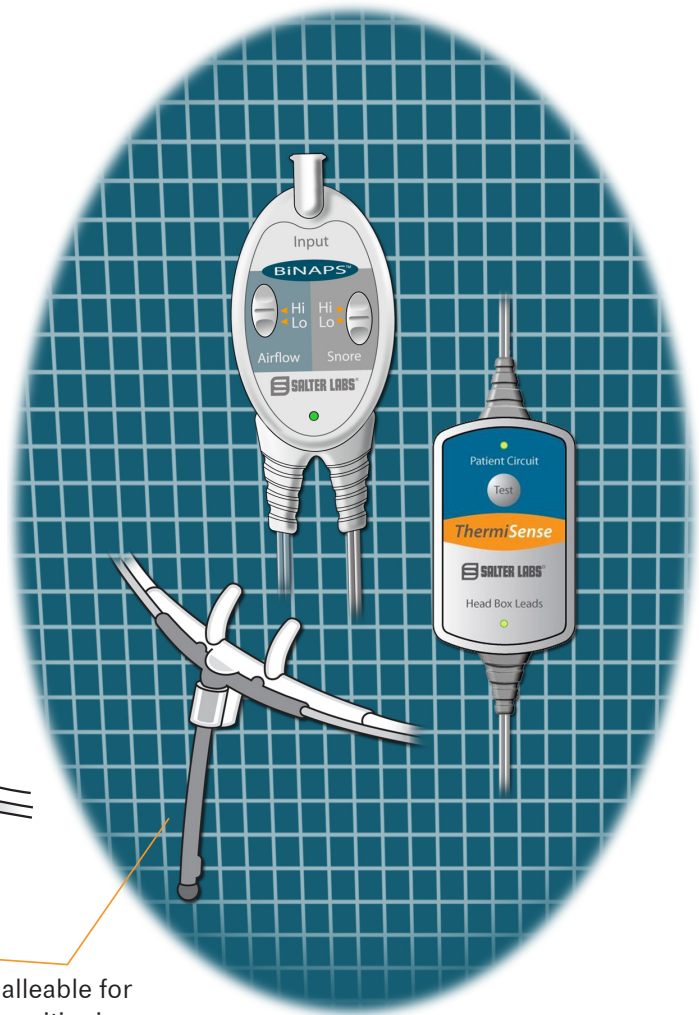
A diagnostic thermistor sensing system that accurately senses oral/nasal thermal airflow changes as well as nasal pressure signals when used with Salter Labs' BiNAPS® or other nasal airflow pressure sensing device.

Cannula/holders are available in Nasal or Oral/Nasal airflow pressure sensing configurations.

Holder secures thermistor to reduce the potential of skin contact.

Reusable thermistor, which is malleable for optimal positioning, mounts on disposable cannula/holder to capture airflow signal.

malleable for optimal positioning



ThermiSense® & BiNAPS® pressure transducer generate Airflow Pressure, Snore and Thermal Airflow waveforms.

Specifications

Sensor Technology	Thermal Resistive		
Output Types	Airflow		
Size	Length	Width	Depth
	5.75cm	3.48cm	1.72cm
	2.26"	1.37"	.68"
Weight	1.06 oz / 30 grams, approximately		
Power Source	No battery required		
Output Connectors	1.5 mm touch proof plug (female) to head box or per manufacturer's specifications		
Signal Output Levels	1 millivolt peak to peak		
Operating Temperature	5°C (40°F) -32°C (90°F)		
Operating/Storage Humidity	10-95% RH Non-condensing		
Test Lead Receptacle	1.5 mm plug (male)		

At last... a single solution to satisfy the new AASM guidelines for the scoring of Sleep and Associated Events



ThermiSense® Oral/Nasal Thermal Airflow Sensing System

Ordering Information

	Units	Part #
ThermiSense® Sensor - Standard Adult Kit * Includes: One (1) each 5700B, 5700T, 5751, 5761, and 1001	1	5700
ThermiSense® Sensor - Standard Pediatric Kit * Includes: One (1) each 5700B, 5700PT, 5754, and 1001	1	5700 P
ThermiSense® Sensor - Standard Infant Kit * Includes: One (1) each 5700B, 5700IT, 5758, 5759, and 1001	1	5700 I
ThermiSense® Interface Box – Available Separately	1	5700 B
ThermiSense® Sensor Adult – Available Separately	1	5700 T
ThermiSense® Sensor Pediatric – Available Separately	1	5700 PT
ThermiSense® Sensor Infant – Available Separately	1	5700 IT
ThermiSense® Sensor - Sandman® SD20 - Adult Kit (5700T & 3 PIN Keyhole connector cable, 5751, 5761, 1001)	1	5700 S20
ThermiSense® Sensor – Alice® 3 - Adult Kit (5700T & 1.5mm Sub-mini mono connector cable, 5751, 5761, 1001)	1	5700 A3
ThermiSense® Sensor – Alice® 3 - Pediatric Kit (5700PT & 1.5mm Sub-mini mono connector cable, 5754, 1001)	1	5700 PA3
ThermiSense® Sensor – Alice® 4 - Adult Kit (5700T & Lemo connector cable, 5751, 5761, 1001)	1	5700 A4
ThermiSense® Sensor – Alice® 4 - Pediatric Kit (5700PT & Lemo connector cable, 5754, 1001)	1	5700 PA4
ThermiSense® Sensor – Alice® 5 - Adult Kit (Adult thermistor 6' (1.83m) wire with 1.5mm DIN, 5751, 5761, 1001)	1	5700 A5
ThermiSense® Sensor – Alice® 5 - Pediatric Kit (Pediatric thermistor 6' (1.83m) wire with 1.5mm DIN, 5754, 1001)	1	5700 PA5
ThermiSense® Sensor – Embla® - Adult Kit (Adult thermistor 7' (2.13m) wire with 1.5mm DIN, 5751, 5761, 1001)	1	5700 E
ThermiSense® Sensor – Embla® - Pediatric Kit (Pediatric thermistor 7' (2.13m) wire with 1.5mm DIN, 5754, 1001)	1	5700 PE
ThermiSense® Sensor – Embla® - Infant Kit (Infant thermistor 7' (2.13m) wire with 1.5mm DIN, 5758, 5759, 1001)	1	5700 IE
ThermiSense® Sensor – Embla® - Adult Kit (Adult thermistor 7' (2.13m) wire with Keyhole connector, 5751, 5761, 1001)	1	5700 EK
ThermiSense® Sensor – Embla® - Pediatric Kit (Pediatric thermistor 7' (2.13m) wire with Keyhole connector, 5754, 1001)	1	5700 PEK
ThermiSense® Sensor – Embla® - Infant Kit (Infant thermistor 7' (2.13m) wire with Keyhole connector, 5758, 5759, 1001)	1	5700 IEK
ThermiSense® Sensor – Embla® - Adult Kit (Adult thermistor 30" (0.76m) wire with Keyhole connector, 5751, 5761, 1001)	1	5700 EK-2
ThermiSense® Sensor – Embla® - Pediatric Kit (Pediatric thermistor 30" (0.76m) wire with Keyhole connector, 5754, 1001)	1	5700 PEK-2

Ordering Information - Cannulas

	Units	Part #
Adult Nasal Cannula/Holder with 7' (2.13m) Airflow Pressure tube with Filter	25	5750-7-25
Adult Nasal Cannula/Holder with 7' (2.13m) Airflow Pressure tube without Filter	25	5751-7-25
Same as above with 2' (0.61m) tube	25	5751-2-25
Adult Oral/Nasal Cannula/Holder with 7' (2.13m) Airflow Pressure tube with Filter	25	5760-7-25
Adult Oral/Nasal Cannula/Holder with 7' (2.13m) Airflow Pressure tube without Filter	25	5761-7-25
Same as above with 2' (0.61m) tube	25	5761-2-25
Adult Nasal Cannula/Holder with 7' (2.13m) Airflow Pressure tube and 7' (2.13m) ETCO ₂ tube without Filter	25	5742-7-7-25
Adult Oral/Nasal Cannula/Holder with 7' (2.13m) Airflow Pressure tube and 7' (2.13m) ETCO ₂ tube without Filter	25	5744-7-7-25
Pediatric Nasal Cannula/Holder with 7' (2.13m) Airflow Pressure tube and 7' (2.13m) ETCO ₂ tube without Filter	25	5754-7-7-25
Pediatric Oral/Nasal Cannula/Holder with 7' (2.13m) Airflow Pressure tube and 7' (2.13m) ETCO ₂ tube without Filter	25	5755-7-7-25
Infant Nasal Divided Cannula/Holder with 7' (2.13m) Airflow Pressure tube with 7' (2.13m) ETCO ₂ tube and 7' (2.13m) O ₂ tube without Filter	25	5757-7-7-7-25
Infant Nasal Cannula/Holder with 7' (2.13m) Airflow Pressure tube and 7' (2.13m) ETCO ₂ tube without Filter	25	5758-7-7-25
Infant Nasal Divided Cannula/Holder with 7' (2.13m) O ₂ tube and 7' (2.13m) ETCO ₂ tube without Filter	25	5759-7-7-25
Replacement Filter Package	25	1001-0-25

*5700 Standard Kit Available for Most 1.5mm DIN PSG Systems

ISO 9001 & ISO 13485

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