






Electrodes, Monitors, Sensors

Company		Ambu		BRAEBON Medical Corp		Compumedics
Product Name		 CannuTherm	 Neuroline Disposable Cup Electrode	 PureFlow Oronasal Cannula + cTherm Airflow Thermistor	 Q-RIP	 Compumedics Body Position Sensor
Website		www.sleepmate.com	www.ambuusa.com	www.braebon.com	www.braebon.com	www.NeuromedicalSupplies.com
Product Type		thermal and pressure dual sensor	EEG, EOG, limb movement	oronasal cannula and oronasal thermal airflow	inductive plethysmography respiratory effort system	body position sensor
Warranty		9 months	90 days	cTherm, 6 months	1 year on all parts	6 months
Patient Range	Infant		X			X
	Pediatric	X	X	X	X	X
	Adult	X	X	X	X	X
Disposable		disposable cannula	X	X		
Reusable		reusable sensor		X	X	X
Compatibility with PSG Systems	All	X	X	X	X	
	Some					X
Technology		Currently, a thermocouple. Thermistor coming in December 2009.	silver/silver chloride disposable EEG cup electrode	pressure + thermistor	RIP	DC body position sensor
Technical Support		X	X	X	X	X
Other Features		Dual recording of hypopneas and apneas. Small single sensor to record oral/nasal temperature and nasal pressure.	The Neuroline Disposable Cup Electrode is available in 40", 60", and 80" lead wire. Package of 10.	Meets new AASM guidelines with the cTherm + PureFlow oronasal cannula combination. Patented PureFlow cannula has separate oral and nasal chambers that prevent internal turbulence found in other designs.	Meets new AASM guidelines. Replaceable AA batteries: rechargeable or disposable. SUM output standard feature. Three belt sizes: pediatric (12" to 24"); most adults (24" to 48"); extra large (48" to 72").	DC coupled, perfect for Compumedics products, may work with any DC coupled interface that uses DIN connectors.



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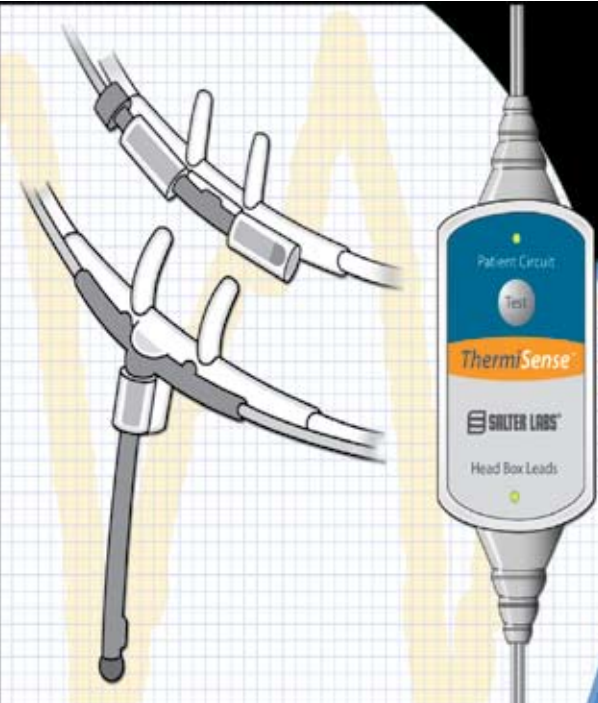
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Company		Compumedics	Embla	General Devices	Grass Technologies, An Astro-Med Inc Subsidiary	
Product Name		 Compumedics Nasal/ Oral Airflow Sensor	 <i>Sandman BreathSensor</i> Airflow Thermistor	 XactTrace Effort Belt	 Prep-Check Electrode Impedance Meter	 Genuine Grass Precious Metal Recording Electrodes
Website		www.NeuromedicalSupplies.com	www.shopembla.com	www.shopembla.com	www.prepcheck.com	www.grasstechnologies.com
Product Type		airflow sensor	airflow thermistor	respiratory effort	EEG	EEG
Warranty		6 months	n/a	6 months	1 year on all parts	1 year
Patient Range	Infant		X	X	X	X
	Pediatric		X	X	X	X
	Adult	X	X	X	X	X
Disposable			X	X		X
Reusable		X		X	X	X
Compatibility with PSG Systems	All	X	X	X	n/a	X
	Some				n/a	
Technology		Thermocouple	single-patient-use airflow sensor, thermistor technology	RIP technology	n/a	n/a
Technical Support		X	X	X	X	n/a
Other Features		Compact, flat design is comfortable and works well with standard nasal cannulas.	Eliminates need for cleaning and sterilization, superior signal quality due to custom fit and secure application. Optimal for infection control.	Superior signal quality, easy to use and adjust, one size fits all belt reduces cost and inventory, no additional modules.	The Prep-Check is designed specifically for sleep studies. Quickly and accurately tests lead wires, cables, and electrodes, assuring good test results.	Get unsurpassed recording clarity, long life, and dependability. Grass electrodes are made of the finest materials and precision handcrafted in a 12-step manufacturing process.

Information for this guide based on data submitted by product manufacturers. Sleep Review strives for accuracy in all data but cannot be held responsible for claims made by manufacturers.




ThermiSense™

Oral/Nasal Thermal Airflow Sensing System





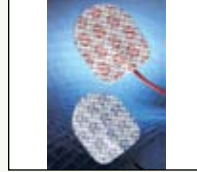
- Accurately detects events: Apnea/Hypopnea/Flow limitation
- Reusable thermistor mounts on disposable cannula/holder.
- Thermistor to capture Oral /Nasal airflow signal secured in special cannula/holder reducing potential of skin contact
- System incorporates lead/thermistor test to verify circuit integrity before beginning sleep study
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- Compatible with most major PSG systems

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Electrodes, Monitors, Sensors

Company		NeuroSupplies Integra	Nihon Kohden America	Philips Respironics		Rhythmink International LLC
Product Name		 10/20 BrainNet Template	 OLG-2800	 Pro-Wrap	 zRIP	 Sample Sleep Kit
Website		www.integraneurosupplies.com	www.nkusa.com	www.philips.com/sleepdx	www.philips.com/sleepdx	www.Rhythmink.com
Product Type		EEG	direct flow end-tidal CO ₂ sensor	Holds together a cannula and a thermocouple or thermistor.	respiratory effort	EEG and/or EMG electrodes
Warranty		n/a	1 year	n/a	1 year on module and effort sensor belts	
Patient Range	Infant	X				X
	Pediatric	X	X		X	X
	Adult	X	X	X	X	X
Disposable		X	X	X		X
Reusable			X		X	
Compatibility with PSG Systems	All	X	X	X		X
	Some				X	
Technology		10/20	Direct flow EtCO ₂	thermocouple/thermistor and cannula	RIP	EEG and EMG data recording
Technical Support			X	X	X	X
Other Features		Safe, fast, accurate, and easy placement of the 10/20 systems of electrodes.	Real-time end-tidal CO ₂ values and waveforms. Breath-by-breath calibration.	No sticky residue left on the reusable sensor; saves time as each Pro-Wrap is easy to peel off the roll.	zRIP is a Respiratory Inductive Plethysmography system designed to be affordable, accurate, and easy to use.	Includes Disposable EEG Cup and Disposable Sticky Pad Surface Electrodes. Contact company for information about Rhythmink's other sample kits.

To request FREE samples or to place an order, visit Rhythmink.com or call 866.633.3754 [toll-free] 803.252.1222





Rhythmink International designs, manufactures and distributes PSG and neurodiagnostic accessories and provides custom OEM and manufacturing services. For more information and to view Rhythmink's white paper comparing disposable and reusable EEG cup electrodes, visit Rhythmink.com.









EXPERT INSIGHT

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Thomas Kazlauský
President
Ambulatory Monitoring, Inc.

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Company		Rhythmink International LLC	Salter Labs		SleepSense	
Product Name		 Spider EEG Electrode	 ThermiSense Oral/Nasal Thermal Airflow Sensing System	 BiNAPS Nasal Airflow and Snore Transducer	 PTFlow	 Multi-Press
Website		www.Rhythmink.com	www.salterlabs.com	www.salterlabs.com	www.SleepSense.com	www.SleepSense.com
Product Type		EEG electrode	Oral/Nasal Thermal Airflow Sensing System	Nasal Airflow and Snore Transducer	thermal flow sensor, hooks onto any nasal cannula	pressure transducer
Warranty			12 months on interface box and 3 months on thermistor	Lifetime when used with Salter Labs sleep diagnostic cannulas	6 months	1 year
Patient Range	Infant	X	X	X		X
	Pediatric	X	X	X	coming soon	X
	Adult	X	X	X	X	X
Disposable			Thermistor			
Reusable		X	Interface Box	X	X	X
Compatibility with PSG Systems	All	X			X	
	Some		X	X		X
Technology		EEG data recording	Diagnostic thermal resistive thermistor designed to monitor airflow temperature changes	nasal airflow and snore transducer	thermocouple	pressure transducer
Technical Support		X	X	X	X	X
Other Features		Rhythmink's flat, reusable Spider EEG Electrode's webbing design holds conductive material in place.	Can be used in conjunction with Salter Labs' BiNaps Airflow Pressure/Snore Transducer or other pressure transducer to meet AASM guidelines.	Salter Labs also offers a line of sleep diagnostic cannulas for use with BiNaps Airflow Pressure/Snore Transducers or other pressure transducers.	The SleepSense PTFlow Sensor is a thermal flow sensor that hooks onto any adult nasal cannula to help test pressure and thermal flow simultaneously.	The SleepSense Multi-Press is a pressure transducer built for use on AC or DC channels. This module is equipped with auto start and auto-zero and allows you to control snore or flow sensitivities over 5 digital levels.

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A Perfect Fit.


The NEW SleepSense PTFlow

The NEW SleepSense PTFlow is a durable thermal flow sensor that easily hooks on to any brand of cannula allowing you to detect both thermal and pressure flow at the same time. This combination creates a comfortable fit for your patients and a simple, cost effective way for you to comply with the AASM scoring guidelines.



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