

Company		Advanced Brain Monitoring Inc	BRAEBON Medical Corp	Dymedix Diagnostics Inc	
Product		 Sleep Profiler	 Ultima Respiratory Effort Belt Model 0528	 Disposable Airflow Sensor	 Perfect Fit II PVDF Effort Belt
Website		<a href="http://www.advancedbrainmonitoring.com/sleep-profiler">www.advancedbrainmonitoring.com/sleep-profiler</a>	<a href="http://www.braebon.com/products/sensors/effort.php">www.braebon.com/products/sensors/effort.php</a>	<a href="http://www.dymedix.com">www.dymedix.com</a>	<a href="http://www.dymedix.com">www.dymedix.com</a>
Type/Technology		In-home EEG sleep monitor	PVDF	PVDF oral/nasal flow sensor	PVDF Respiratory Effort
Warranty Time Period (in months)		24	12	N/A	24
PATIENT RANGE	Infant			X	X
	Pediatric		X	X	X
	Adult	X	X	X	X
Cleaning Instructions		Enclosure: Wipe with a 70% IPA wipe, and let it remain wet for at least 15 seconds. If visible soil remains, rewipe. Air dry. Strap: Submerge in solution of 1 tsp dish soap per gallon of water. Agitate slightly for 1 to 2 minutes. Rinse under warm clear water for 1 minute. Wring. Air dry.	High-level disinfection	Dispose of after single use	Wipe clean with hospital-approved disinfectant, avoiding contact of the cleaning solution with the connector leads. Don't immerse in liquids. Reusable belt straps may be cleaned with a noncorrosive hospital-approved fabric laundry detergent. Rinse the reusable belt strap in water. Machine washing straps on gentle cycle also OK. Belt straps must be completely dry before use. Don't bleach.
Additional Information		Patient-applied, in-home sleep monitor includes web-based delivery of validated auto-staged editing and report generation. Full disclosure signals provide total time and percentage sleep, REM and SWS, sleep efficiency, total and average number of cortical, sympathetic, and behavioral arousals, and the frequency and intensity of snoring.	High output, easy to use	Patented PVDF airflow sensor detects apneas, hypopneas, and RERAs. Included in AASM respiratory recommendations.	Perfect Fit II Belts plug directly into the PSG headbox. Exclusive 2-year warranty with significant operating budget savings. Included in AASM recommendations.

Company		Nihon Kohden	Philips Respironics	Rhythmink International	S.L.P. Inc
Product		 NE-134A	 LoFlo	 Disposable Cup EEG Electrodes	 SleepSense ThermoCan
Website		<a href="http://www.nihonkohden.com">www.nihonkohden.com</a>	<a href="http://www.philips.com/sleepdx">www.philips.com/sleepdx</a>	<a href="http://www.rhythmink.com">www.rhythmink.com</a>	<a href="http://thermocan.sleepsense.com">thermocan.sleepsense.com</a>
Type/Technology		Electrode	Monitors airflow and CO <sub>2</sub>	EEG electrode	Thermal pressure cannula
Warranty Time Period (in months)		3	12	N/A	N/A
PATIENT RANGE	Infant	X		X	Use Pediatric ThermoCan Cannulas (Small)
	Pediatric	X	X	X	Use Pediatric ThermoCan Cannulas
	Adult	X	X	X	X
Cleaning Instructions		To clean gold electrodes, use warm soapy water and rub gently with gloved fingers or cotton swab. Dry with soft cotton cloth. Household bleach (5.25% sodium hypochlorite) can disinfect at a concentration of 100 ppm for 1 hour, followed by a clean tap water rinse. A concentration of 100 ppm will destroy fungal agents in less than 1 hour. Adding 2 mL of household bleach to 1 L of water will provide the 1:500 ratio required.	Use a cloth dampened with isopropyl alcohol 70%, a 10% aqueous solution of sodium hypochlorite (bleach), a 2% glutaraldehyde solution, ammonia, mild soap, or disinfectant spray cleaner such as Steris Coverage Spray HB. Wipe down with a clean water-dampened cloth to rinse and dry before use. Don't immerse or sterilize the LoFlo CO <sub>2</sub> module.	Disposable	Disposable
Additional Information		Nihon Kohden's Silver/Silver Chloride electrodes provide superior signal quality with less low frequency noise.	No calibration required; cell and filter are removable; connects easily with a single USB connection; whisper-quiet.	Reduce cross contamination and be economical with Rhythmink's Disposable Cup EEG Electrode.	ThermoCan Cannulas are uniquely designed with a built-in thermistor making it easier and more cost-effective to monitor thermal and pressure airflow at the same time. Reusable ThermoCan Interface Cables easily insert into the sides of ThermoCan Cannulas, transmitting the thermal airflow signal to the PSG system and replacing the need for expensive thermistors.

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.