







Company		Cadwell Industries Inc	Compumedics	Natus Medical Inc
PSG System		 <p>See our ad on the back cover</p> <p>Easy III</p>	 <p>See our ad on page 12</p> <p>Grael 4K PSG:EEG with Profusion Sleep Software</p>	 <p>Natus SleepWorks with Embla NDx or SDx</p>
Website		www.cadwell.com/psg-sleep-products	www.compumedicsusa.com	neuro.natus.com/products-services/natus-sleepworks-software
Description		The Easy III PSG system lets you record crystal clear signals with 4kHz sampling rate and bedside impedance checks. Protect your equipment with the remote input box and ensure recording integrity and provide patient convenience during in-lab sleep studies.	For those with a need for clearer, more precise data for sleep studies and a more advanced capabilities in data analysis and data management, the high-definition package from Compumedics delivers. It includes the latest digital amplifier technology and advanced applications software with available tools such as CAPS analysis and ECG analysis.	Embla NDx-102 channels, SDx-58; both with derived channels, nasal pressure, & built-in oximeter. Touchscreen base allows bedside impedance and biocals. SleepWorks offers review and analysis of PSG data & video during collection, and an integrated SQL distributed database enhances workflow on PCs with role based security and support for Microsoft BitLocker drive encryption.
Warranty (years)		1	1	1
PSG SOFTWARE	Year Introduced	2007	2014	2003
	Date of Current Version	2022, April	2019	2020
	Duration of Included Updates	for product lifetime	within-version updates	within-version updates
	Included Manufacturer Reports	Defaults and custom reports included with new installation.	AASM and CMS classification reports. Physician interpretation and diagnostic and split night reports.	Adult & pediatric diagnostic, split, titration, MSLT/MWT tabular & interpretation reports.
	Users Can Create Reports	Yes	Yes	Yes
	Manufacturer Can Create Reports	Yes	Yes (fees applicable)	Yes
	PSG Software Same as HST Software	Yes	Yes	Yes
LAB MANAGEMENT SOFTWARE	Database Type	Proprietary	SQL-based	SQL-based
	HL 7 Enabled	Yes	Yes	Yes
AMPLIFIERS	Year Introduced	2007	2016	2019
	Sampling Rates (Hz)	4,000	16,384	4,096
	Amplifier Storage Rate (Hz)	250	4,096	256 - 4,096
	Transmission Mode	Cat5/6	Cat5e/6	TCP/IP or USB
	Impedance Checks	Tablet at bedside, software	Control room	Control room, bedside base unit
VIDEO	Available Lens Types	Varifocal fixed and PTZ	Fixed focus and PTZ	PTZ (standard or high-definition)
	Adjustable Frame Rate During Collection	No	No	Yes
	Post-acquisition Editing	Yes	Yes	Yes

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Company		Neurovirtual	Nox Medical	SOMNOmedics America Inc
PSG System			 See our ad on page 37	
		BWIII PSG Plus	Nox A1s	SOMNOscreen HD with DOMINO Software
Website		www.neurovirtual.com	www.noxmedical.com	www.somnomedics.com
Description		Equipped with 50 channels, the BW3 performs clinical PSG and EEG from the same hardware and software platform. Hardware is portable via carrying case or can be permanently installed. Dual electrode/sleep sensor inputs on the head box and amplifier provide flexibility. Built-in pressure transducer on both head box and amplifier. Built-in Nonin pulse oximeter module.	Hospital-to-home sleep diagnostic system with wireless design and versatility. A full PSG in-lab system with the ability to work as a home sleep test. Designed for easy hookup experience with wireless connectivity, a tablet application for mobile flexibility, continuous impedance control, calibrated Nox RIP technology, and built-in microphone.	SOMNOmedics' most powerful & flexible sleep diagnostic tool—ambulatory or stationary; as a screener, PSG, EEG32—all with the same device. HD touch screen; true wireless technology & wireless PLMs; automatic sensor & electrode recognition—making montages a thing of the past; PC independent setup, bio-calibration & impedance check at bedside. FDA approval for pediatric use.
Warranty (years)		2	2	2
PSG SOFTWARE	Year Introduced	2017	2021	2007
	Date of Current Version	2023	2021, September	2021, August
	Duration of Included Updates	for product lifetime	for product lifetime	for product lifetime
	Included Manufacturer Reports	All PSG software manufacturer reports included.	All reports are included with the purchase.	User-defined reports according to modifiable templates as well as customer-specific reports.
	Users Can Create Reports	Yes	Yes	Yes
	Manufacturer Can Create Reports	Yes	Yes	Yes (fees applicable)
	PSG Software Same as HST Software	Yes	Yes	Yes
LAB MANAGEMENT SOFTWARE	Database Type	SQL-based	File format	MS SQL, Access (MDB), My SQL, SQL Light
	HL 7 Enabled	Yes	Yes	Optional
AMPLIFIERS	Year Introduced	2012	2021	2016
	Sampling Rates (Hz)	2,000	512 kHz	up to 4,000
	Amplifier Storage Rate (Hz)	500	200	up to 4,000
	Transmission Mode	TCP/IP	Bluetooth/Cat5	Wireless
	Impedance Checks	Control room, bedside	Control room, tablet at bedside	Control room, device HD touchscreen at bedside, tablet
VIDEO	Available Lens Types	Fixed focus with digital zoom and PTZ with optical zoom	PTZ and fixed focus	Various video options available
	Adjustable Frame Rate During Collection	Yes	Yes	Yes
	Post-acquisition Editing	Yes	Yes	Yes ●