Company	Cadwell Laboratories Inc	CareFusion	CleveMed	Compumedics USA Inc
Product	Easy III Amplifier with Easy III Software	SomnoStar Software with z4 Amplifier	Sapphire PSG	Grael HD-PSG Amplifier with ProFusion PSG 3 Software
Website	www.cadwell.com	www.carefusion.com	www.clevemed.com	www.compumedics.com

PSG SOFTWARE

	Cadwell Laboratories Inc	CareFusion	CleveMed	Compumedics USA Inc
Year Introduced	2007	1986	2003	2007
Current Version Number	4.0	11.1	7.9	3.4
Updates Policy	Included	Included unless hardware/training required; included with service contract	Included during warranty period; discounted after	Updates within version included; upgrades to new version for special pricing, with further discounts for customers under warranty or service contract
Custom Reports	Included	Included (customer may create own reports)	Included	Create your own via imbedded ProFusion Report tools in Microsoft Word

LAB MANAGEMENT SOFTWARE

	Cadwell Laboratories Inc	CareFusion	CleveMed	Compumedics USA Inc
SQL Based	No	Yes	No	Yes
Separate or Integrated with PSG	Integrated	Integrated	Integrated	Integrated
Queryable Search Engine	Yes (via clinical database report generator)	Yes	No	Yes
HL 7 Enabled	Yes (optional)	Yes	No	Yes (optional)

AMPLIFIERS

	Cadwell Laboratories Inc	CareFusion	CleveMed	Compumedics USA Inc
Year Introduced	2007	2008	2007	2009
Number of Channels	32-128	48	21	40 AC; 77 total
Number of Auxiliary Device Channels	8DC; 12 EasyNet	16	1	16
Works With Devices That Offer +/-1 or +/-5 Volts	Yes	Yes	+/- 1 V only	Yes
Sampling Rates (Hz)	4,000	2,000	256	Up to 2,048 per channel; oximeter up to 256
AASM Compliant	Yes	Yes	Yes	Yes
Transmission Mode	Cat 5/6	Cat 5	Wireless	Cat 5e
Warranty (years)	1	1 (extended available)	1	1

VIDEO

	Cadwell Laboratories Inc	CareFusion	CleveMed	Compumedics USA Inc
Fixed Focus or PTZ	Both available	Both	Compatible with both	Both
Integrated IFR Generator or Stand-alone	Both available	Stand-alone	Integrated	Both available
Adjustable Frame Rate During Collection	No	Yes	Yes	No
Post-acquisition Editing	Yes	Yes	No	Yes
Integrated Intercom	Yes (optional)	No	No	Yes (Louroe)

TRANSDUCERS

	Cadwell Laboratories Inc	CareFusion	CleveMed	Compumedics USA Inc
RIP Belts (Reusable/Disposable)	Both available	Both	Both available	Both available
RIP Integrated to Amplifier or Requires Conditioner Box	Conditioner box integrated in belts	Neither	Conditioner box	Integrated
Installation Included in Purchase	Yes	Yes	Yes	Yes

Company	Natus Medical Inc	Nihon Kohden America Inc	Philips Respironics	Sleepvirtual	SOMNOmedics America Inc
Product	Sandman	PSG-1100 Sleep System	Alice 6 LDxN with Sleepware G3	BW3 PSG Plus	SOMNOscreen plus PSG with DOMINO Software
Website	www.natus.com	us.nihonkohden.com	www.philips.com/sleepdx	www.sleepvirtual.com	www.somnomedics-diag-nostics.com

PSG SOFTWARE

	Natus Medical Inc	Nihon Kohden America Inc	Philips Respironics	Sleepvirtual	SOMNOmedics America Inc
Year Introduced	1995	1998	2011	2015	2007
Current Version Number	10.1.3	9	3.8	1.95	2.8.0
Updates Policy	Updates included; charge for upgrades	Updates included; charge for upgrades	Included	Included	Included
Custom Reports	Additional fee	Customer may create own; will create for a fee	Customer may create their own or 4 hours of custom report writing with system purchase	Included	Customer may create own, company created templates

LAB MANAGEMENT SOFTWARE

	Natus Medical Inc	Nihon Kohden America Inc	Philips Respironics	Sleepvirtual	SOMNOmedics America Inc
SQL Based	Yes	Yes	Yes (via third party Lab Manager Solution)	Yes	Yes
Separate or Integrated with PSG	Enterprise	Integrated	Separate	Integrated	Integrated
Queryable Search Engine	Yes	Yes	Yes	Yes	Yes
HL 7 Enabled	Yes	Yes	Yes (optional)	Yes	Yes

AMPLIFIERS

	Natus Medical Inc	Nihon Kohden America Inc	Philips Respironics	Sleepvirtual	SOMNOmedics America Inc
Year Introduced	2012 (latest iteration)	2013	2011	2012	2007
Number of Channels	60 and 32	42	57	50	58
Number of Auxiliary Device Channels	8 DC	6-14	8	8	16
Works With Devices That Offer +/-1 or +/-5 Volts	Yes	Yes	Yes (+/- 1.65 V)	Yes	Yes
Sampling Rates (Hz)	N7000: 2,000; S4500: 500	Up to 2,000	2,000	2,000	Up to 4,000
AASM Compliant	Yes	Yes	Yes	Yes	Yes
Transmission Mode	IEEE802.11G: IEEE802.11B, TCPIP	IP addressable	Cat 5	TCP/IP	Wireless
Warranty (years)	1	1	2	2	2

VIDEO

	Natus Medical Inc	Nihon Kohden America Inc	Philips Respironics	Sleepvirtual	SOMNOmedics America Inc
Fixed Focus or PTZ	Both	Both	Both available	Both	Both available
Integrated IFR Generator or Stand-alone	Both	Both	Integrated on fixed focus; stand-alone on PTZ	Both	Integrated
Adjustable Frame Rate During Collection	Yes	Yes	Yes	Yes	Yes
Post-acquisition Editing	Yes	Yes	Yes	Yes	Yes
Integrated Intercom	Yes	No	Yes (by VoIP)	Yes	Yes

TRANSDUCERS

	Natus Medical Inc	Nihon Kohden America Inc	Philips Respironics	Sleepvirtual	SOMNOmedics America Inc
RIP Belts (Reusable/ Disposable)	Both	Both available	Reusable zRIP DuraBelt	Both	Both
RIP Integrated to Amplifier or Requires Conditioner Box	Integrated	Conditioner box	Integrated	Integrated	Conditioner box
Installation Included in Purchase	Yes	No	Yes	Yes	Yes