

Feature		SOMNOtouch™ PSG	SOMNOscreen™ plus	SOMNO HD™ eco	SOMNO HD™
GENERAL FEATURES	Free 24h service hotline	●	●	●	●
	Automatic free firmware updates	●		●	●
	Free software updates	●	●	●	●
	Continuous impedance monitoring	●	●	●	●
	Video	●	●	●	●
	Beat-to-Beat Cuffless Blood Pressure	●	●	●	●
	Headbox (AASM / R&K)	●	●	●	●
	Up to 16 external channels via an ADC board	●	●	●	●
	Data transfer to PC in real-time	●	●	●	●
	Signal control on a PC or tablet	●	●	●	●
SOMNO medics	Color touch display	●			●
	Signal control directly on device	●			●
	Extension for neurological applications		●	●	●
	Intelligent Connect	●		●	●
	RIP belts (RIP technology for effort belts)		●	●	●
	Thermistor		●	●	●
	Pneumotachograph		●	●	●
	Docking station	●		●	●
	Additional sensors for research purposes		○*		●
	Integrated Flow / CPAP pressure	●		●	●
	Adapted sensors for pediatric applications		●	●	●
	Remaining free slots with when configured for a PSG		2	2	4
	Wireless sensors				●
	Number of Channels	Up to 25	Up to 58	Up to 70	Up to 74
	Sample rate	Up to 512 Hz	Up to 1 kHz*	Up to 4 kHz	Up to 4 kHz
	Bit rate	16 Bit	16 Bit	24 Bit	24 Bit
	User friendliness	😊	😊	😊😊	😊😊😊
	Price	\$	\$\$	\$\$\$	\$\$\$\$

\* across a limited number of channels