

Nox A1® PSG System

The Precision You Expect, The Cost Efficiency You Need



The Nox A1 polysomnography system redefines clinical efficiency with its tether-free, lightweight design—enhancing patient comfort while streamlining setup. By minimizing cables, and integrating essential components, it enables faster setup, reduces operational overhead, and elevates the diagnostic experience for both patients and providers.

Why Nox A1 System?

High Signal Quality

Delivers high-fidelity signals for clear, reliable diagnostics that support confident clinical decisions from the first recording.

Tether-Free Setup

All necessary EEG signals are delivered through a single integrated cable—eliminating the traditional headbox. This enables quicker setup and less physical strain for the patient.

Cloud Connectivity

Connects to Nox Connect platform—enabling secure cloud-based data storage, web-based review¹, and remote collaboration and interpretation.

Type I and II System

Full in-lab PSG system that also supports unattended home PSG studies, with no additional hardware or licensing needed.

Fully Integrated Sensors

RIP, PTAF, snore mic, and body position—eliminating the need for multiple ancillary devices and reducing setup time.

Built for Comfort

The wireless design allows patients to move more freely and rest more comfortably—while easing the burden on clinical staff.

AI-Enhanced Scoring

PSG arousal scoring and sleep staging, available through Nox Connect, enhances scoring efficiency²

Smart Features

Real-time monitoring, bedside bio-calibration with Android tablet app.

Advanced EEG

Seamless integration with Lifelines R40 for full 10–20 referential and bipolar EEG recordings, plus additional bipolar channels for complex clinical needs.

¹ Noxturnal Web is a medical device cleared for clinical use by the FDA

² AI algorithm part of FDA cleared software medical device DeepResp K241960

Trusted by Sleep Professionals Worldwide

At Nox Medical, sleep isn't just part of what we do—it's our entire focus. We combine purpose-built technology, dependable support, and streamlined workflows that clinicians trust to deliver consistent, high-quality care.

Operational & Clinical Advantages

- » Streamlined hardware reduces technician workload and supports faster patient prep
- » Approved for all age groups in the U.S., supporting inclusive and accessible diagnostics
- » 24/7 U.S.-based support from registered sleep technologists and IT professionals



Ready to Elevate Sleep Diagnostics?

Whether you're optimizing in-lab workflows, expanding home testing, or scaling across locations, the Nox A1 is the high-performance system that delivers long-term value through clinical excellence and operational efficiency.

Learn more at www.noxmedical.com

View Technical Specifications: www.noxmedical.com/technical-specifications-a1s



Caution: US federal law restricts this device to sale by, or on the order of a licensed medical practitioner

The Nox Connect is not a medical device. It serves as an interface with Nox Medical devices that meet the necessary regulatory requirements for legal sale in applicable jurisdictions.

The Nox Sleep System is used as an aid in the diagnosis of different sleep disorders and for the assessment of sleep. The Nox Sleep System is used to measure, record, display, organize, analyze, summarize and retrieve physiological parameters during sleep and wake. The Nox Sleep System allows the user to decide on the complexity of the study by varying the number and types of physiological signals measured. The Nox Sleep System allows for generation of user/pre-defined reports based on subject's data. The users of the Nox Sleep System are medical professionals who have received training in the areas of hospital/clinical procedures, physiological monitoring of human subjects, or sleep disorder investigation. The intended environments are hospitals, institutions, sleep centers, sleep clinics, or other test environments, including patient's home.

Contraindications The Nox Sleep System does not provide any alarms and is not intended to be used for continuous monitoring where failure to operate can cause injuries or death of the patient.

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