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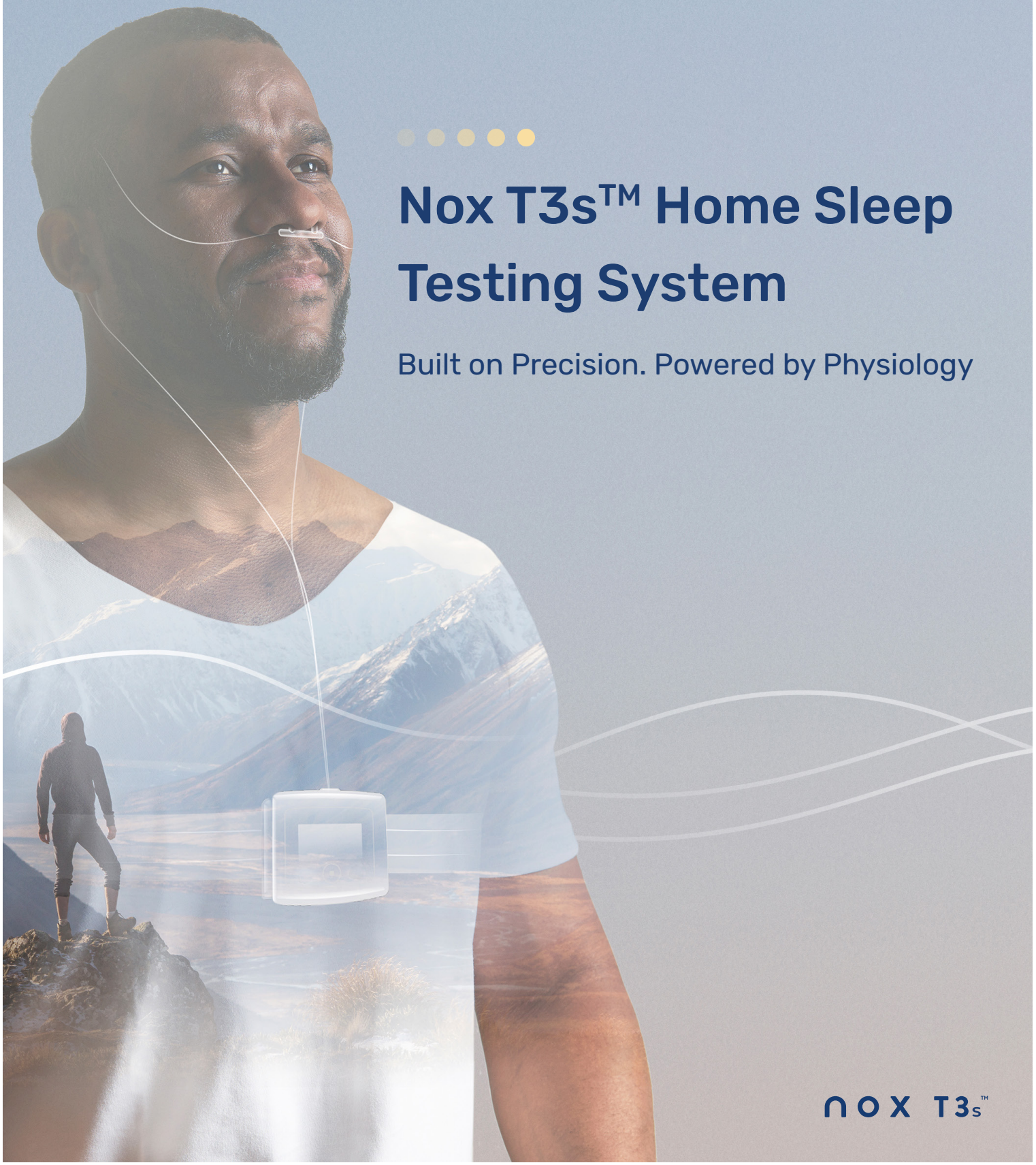


Nox T3s™ Home Sleep Testing System

Built on Precision. Powered by Physiology

nox T3s™

Accurate Home Sleep Testing for Every Patient

The Nox T3s system delivers physiologically grounded data to support confident diagnosis and personalized care

The Nox T3s™ is a clinically trusted home sleep testing system (HSAT) that delivers real respiratory flow data. Designed for simplicity, reliability, and clinical depth, it equips sleep professionals with the actionable insights needed to diagnose with confidence and care for a broader, more diverse patient population.

- **Built on real respiratory flow measurement**, Nox Flow™[1], using patented Nox RIP technology
- **Engineered for accuracy across diverse populations**, including women, younger individuals, and those with chronic or comorbid conditions
- **The Nox BodySleep** empowers sleep professionals to assess sleep states—REM, NREM, and Wake—in a home environment. It differentiates sleep states based solely on respiratory data, eliminating the need for traditional EEG, EOG, and EMG signals
- **Clinically proven in studies** on patients with cardiovascular disease, COPD, stroke, and more

1 Nox Flow is a calibrated RIP flow signal from Nox Medical devices. .

One System. Complete Clinical Insight

Together, Nox T3s recorder, Nox Flow™, and AI-assisted tools deliver accurate, precision-focused sleep diagnostics

The Nox T3s system combines the latest Nox T3s device hardware, RIP-based flow and effort monitoring, and AI-driven software to deliver a unified, comprehensive home sleep testing solution. This integrated system equips clinicians with physiologically grounded data that supports conclusive diagnosis and confident decision-making across diverse patient populations and care settings.

The Nox T3s system supports both standard Type III studies and advanced setups with optional ECG and EMG channels for cardiac monitoring, PLM detection, and bruxism-related event detection.

Comprehensive Signal Capture:

- Real respiratory flow channels using calibrated RIP
- Body position and 3-axis actigraphy
- SpO_2, pulse, and plethysmography
- Dual integrated snoring detection
- Total Sleep Time available
- Audio recording for additional clinical context
- 24 channels (15 recorded, 9 derived)
- Two customizable bipolar channels for ECG, EMG, EOG, or EEG

Intelligent AI Analysis:

- Nox's BodySleep technology estimates sleep states by processing respiratory data through advanced algorithms utilizing Nox RIP technology
- Validated across diverse demographics

Advanced Respiratory Monitoring:

- Nox Flow™, industry-leading calibrated respiratory inductance plethysmography (RIP) flow signal insensitive to mouth breathing
- Patented single-patient use RIP belts ensure signal quality and hygiene

Clinical Efficiency:

- Compact, portable, and user-friendly design
- 24-hour recording via 1x AA battery
- Chain of Custody Assurance
- Pediatric-ready for patients 2 years and older
- Clinically proven low failure rate[2]

Customizable Sleep Software:

- AI-empowered and user-friendly software
- Full-featured raw data analysis and scoring
- Accurate and reliable automatic scoring analysis
- Easily customizable reports include tables, graphs, and narrative interpretation

Nox T3s Technical Specification:
https://noxmedical.com/technical-specifications-T3s/

2 Cairns et al. Sleep Breath. 2014 Sep;18(3):609-14. doi: 10.1007/s11325-013-0924-2. Epub 2014 Jan 19. PMID: 24442914.

Diagnostic Confidence for All Patients

Delivering the data that matters, across patients and risk groups

Clinical studies show that AHI values manually scored from Nox T3s data closely match those from in-lab polysomnography (PSG), confirming high sensitivity and specificity in assessing OSA severity[3,4,5,6] offering clinicians the confidence to rely on home-based testing.

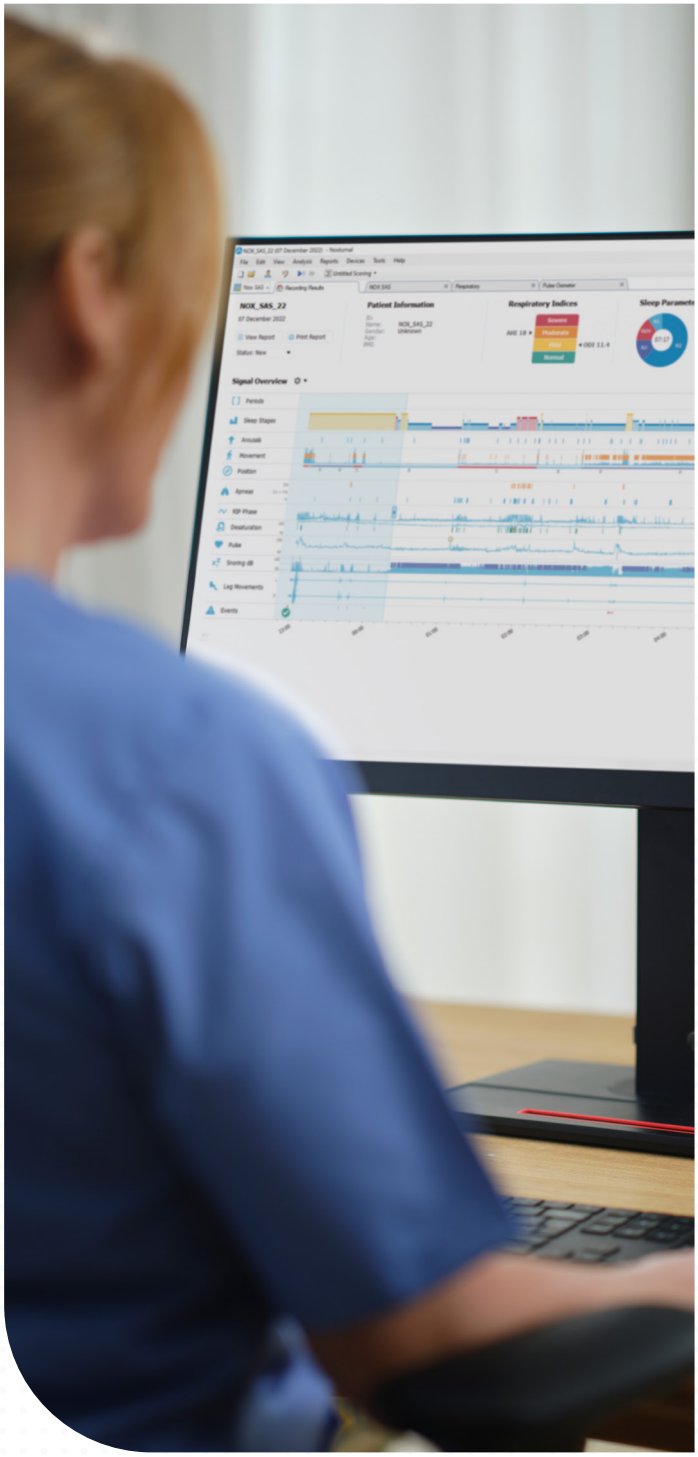
That confidence starts with **real airflow**. The Nox T3s, powered by Nox Flow, patented RIP technology, captures the true mechanics of breathing.

- **Nox Flow™:** Real respiratory airflow through calibrated Nox RIP technology that performs on par with pneumotachography[7,8]
- **The Nox T3s** is intended to be used within the pediatric age group from 2 years and up
- **Proven across populations:** Reliable accuracy in patients with cardiovascular, neurologic, or multi-morbid conditions

3 Chang et al. J Clin Sleep Med. 2019;15(4):587–596. Https://doi.org/10.5664/jcsm.7720
4 Wang et al. J Clin Sleep Med. Published online July 24, 2023:jcsm.10726. doi:10.5664/jcsm.10726
5 Cairns et al. Sleep. 2013;36:A416.
6 Ding et al. Front Neurol. 2023;14). doi:10.3389/ fneur.2023.1137535
7 Finnsson et al. Poster presented at: World Sleep 2019; Vancouver, Canada.
8 Finnsson et al. Sleep Med. 2019;64(suppl 1):S115-S116.

Artificial Intelligence That Drives Clinical Confidence

When Nox sleep tests are paired with advanced AI, scoring becomes more efficient and interpretation becomes clearer and more clinically meaningful



Nox BodySleep™

Utilizes AI, intended to differentiate 30-second epochs into the REM and NREM sleep states, and Wakefulness. Nox's BodySleep technology estimates sleep states by processing respiratory data through advanced algorithms utilizing Nox RIP flow.

Ventilatory Burden

Measures actual airflow reduction—not delayed effects like desaturation—providing reliable, unbiased insight into disease severity. Using Nox RIP flow data, it reflects true physiological burden and is independently predictive of cardiovascular and all-cause mortality[9,10,11].

Hypoxic Burden

Hypoxic Burden, provided as an informational parameter only, combines the depth and length of oxygen desaturation events to reflect the impact of breathing disruptions and has been shown to predict CVD mortality across populations[12].

9 Parekh et al. Am J Respir Crit Care Med 208, 1216–1226 (2023). DOI: 10.1164/rccm.202301-01090C

10 Lechat & Eckert. Am J Respir Crit Care Med 208, 1153–1155 (2023). DOI: 10.1164/rccm.202310-1718E

11 Ventilatory Burden is part of FDA cleared software medical device DeepResp K241960 currently available in the United States only.

12 Azarbarzin et al. Eur Heart J 40, 1149–1157 (2019). DOI: 10.1093/eurheartj/ehy624

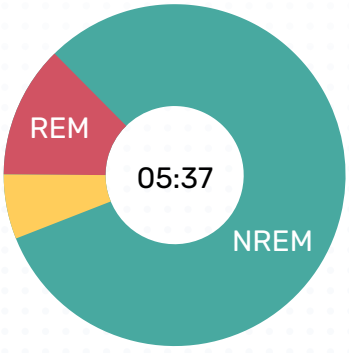
Nox BodySleep™

Sleep time estimation using breathing parameters

Experience a breakthrough in home sleep testing with the Nox T3s, featuring the advanced Nox BodySleep analysis. This novel analysis empowers sleep professionals to assess sleep states—REM, NREM, and Wake—in a home environment. Utilizing sophisticated AI algorithms and Nox's refined calibrated RIP technology, Nox BodySleep delivers sleep state differentiation based solely on respiratory data, eliminating the need for traditional EEG, EOG, and EMG signals.

- Differentiates between REM, NREM, and Wake states using advanced algorithms.
- Sleep state assessment without traditional brain state measurements.
- Utilizes calibrated Nox RIP technology to interpret physiological changes linked to sleep stages.

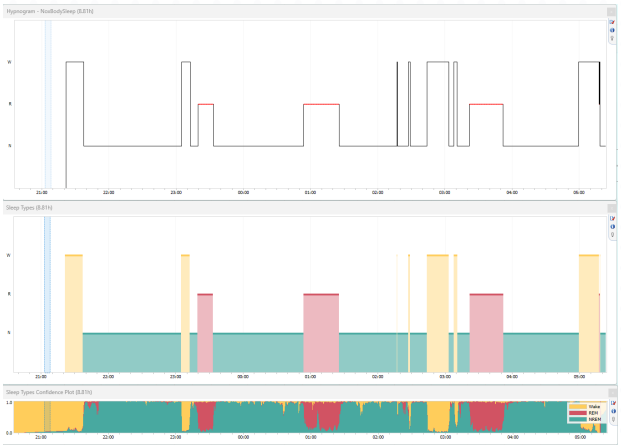
Sleep Parameters



Sleep Time: **05:37**

Sleep Efficiency: **94.1%**

- REM: 12.9%
- NREM: 81.4%
- Wake: 5.8%



A chart showing sleep stages from Nox BodySleep analysis

The following are medical devices that are CE-marked and intended for clinical use under the supervision or direction of a qualified healthcare professional: Nox T3s system, Nox A1s system, Noxturnal and Nox RIP belts. For more information on these devices, including their intended use, contraindications, and instructions for use, please consult the manufacturer's documentation at noxmedical.com/downloads.

The availability of features may vary between markets. Please contact your local distributor for further information.

All Artificial Intelligence analysis results should always be reviewed by a certificated technologist or a physician prior to diagnosis.

CE 2797

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