



nox T3s™

See The Way Forward

nox medical



See The Way Forward to Reliable Sleep Studies

Pediatric Use

The T3s is intended to be used within the pediatric age group from 2 years and up. With the T3s capability to add channels along with the child being studied in their own bed, allows a customized personal approach for a successful pediatric sleep study.

Failure Rate

Nox T3 has a low failure rate which has been demonstrated in clinical studies. This is very important for efficiency and to increase patient satisfaction. Use of the Nox calibrated RIP flow

offers an alternative or backup for the cannula flow and minimizes the risk of losing a study if the cannula drops out.

Robust Device with Excellent Support

Nox Medical takes pride in the highly qualified members of our support team which is very responsive delivering high customer satisfaction.

In addition, the Nox T3 has established a reputation for being a robust device with high performance and low need for repairs in the field.



The Nox RIP Technology

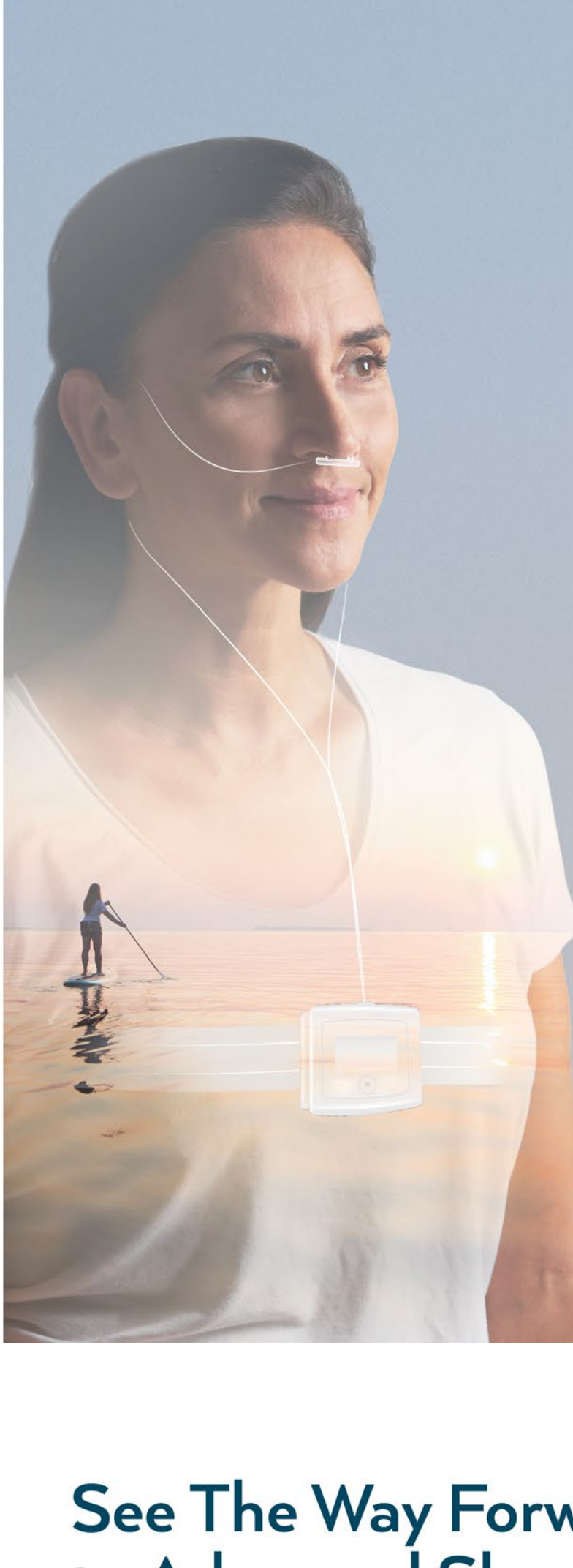
See The Way Forward to Smart Sleep Technology

The Nox RIP technology is complimented by the design of the Nox RIP belts, sensitive, highly technical inductance plethysmography sensors fastened with thoughtfully designed clips to ensure the belts remain attached to the T3s throughout the night(s).

The calibrated RIP flow is a signal derived from the Nox RIP belts. The calibrated RIP Flow channel can be used as an alternative flow signal in cases where the cannula signal was lost during sleep, or the patient was unable to tolerate the cannula.



Small, Compact, and Powerful



Cutting Edge Analysis

Respiratory analysis in Noxturnal has been shown to be accurate and reliable when used with Nox Medical's advanced automated scoring algorithm in comparison to a manually scored AHI.

Versatility

The Nox T3s is very versatile, whether you need a traditional type III study for apnea detection or a more advanced study with additional channels.

It is possible to measure the patient's cardiac signal with the ECG extensibility or use an EMG signal for PLM detection and detection of possible Bruxism related events.

Powerful Reporting Capabilities

With Noxturnal 6.0 the Report System contains built-in calculators and drop down menus when customizing various analysis and interpretation reports.

See The Way Forward to Advanced Sleep Diagnostics

- » The Nox RIP - 200Hz Sampling Frequency
- » Bluetooth® BLE 5.0
- » 4GB Storage Capacity
- » 0.15 lbs ± 0.01 lbs (without battery)
- » (2.68 in. W, 2.44 in. H, 1.02 in. D)
- » USB-C
- » 24 hour recording time with 1x AA Battery
- » 2 Integrated High-Resolution Bipolar Channels
- » Integrated Microphone
- » Pressure Sensor
- » Tamper Proof Battery Lid



Technical Specifications

Nox T3s Device and Software

Signal Specifications:	
Available Signals	Thorax and Abdomen RIP, Nasal pressure/Mask pressure, Snore Signal, Audio and snoring channel, 2 bipolar channels, Position, Activity, SpO2, pulse, plethysmography, and more.
Bipolar Channels	Touch-proof connector 1 mm keyhole connector, ±1024 mVp-p input range AC, <3 µV RMS noise
Flow/Pressure Signal	±100 cmH2O input pressure range, DC-80Hz, 200 Hz sampling frequency, <1 mmH2O noise
Activity/Position Signals	Internal 3 axis, ±2 g
Sound Signals	8kHz sampling rate, 3.5kHz bandwidth, 16-bit ADC
Wireless Interface	Bluetooth® V5.0 Low Energy - wireless interface for external devices
Performance Specifications:	
Storage Capacity	4 GB
Recording Time	24 hours with 1x AA Battery (new Lithium battery)
PC Communications	USB 2.0 hi-speed
Physical Specifications:	
Power Source	One 1.5V AA battery during recording; Host PC USB during data download
Battery Type	Alkaline primary, Lithium primary, nickel-metal hydride rechargeable (NiMH)
Battery Cover	Tamper proof and locked
Device Dimension	2.68 in W x 2.44 in H x 1.02 in D
Weight	0.15 lbs ± 0.01 lbs without battery
Display	Type OLED—Dimensions 0.75 in x 1.38 in, resolution 128 x 64 dots USB 2.0 Connection - USB-Mini type C
USB 2.0 Connection	USB-Mini type C

Software:

Minimum PC Requirements	
	Windows 8 and higher Processor: X64 based Intel or AMD, 1.7 GHz or faster 2GB RAM, 4 GB of free disk space Resolution: 1024 x 768 or higher