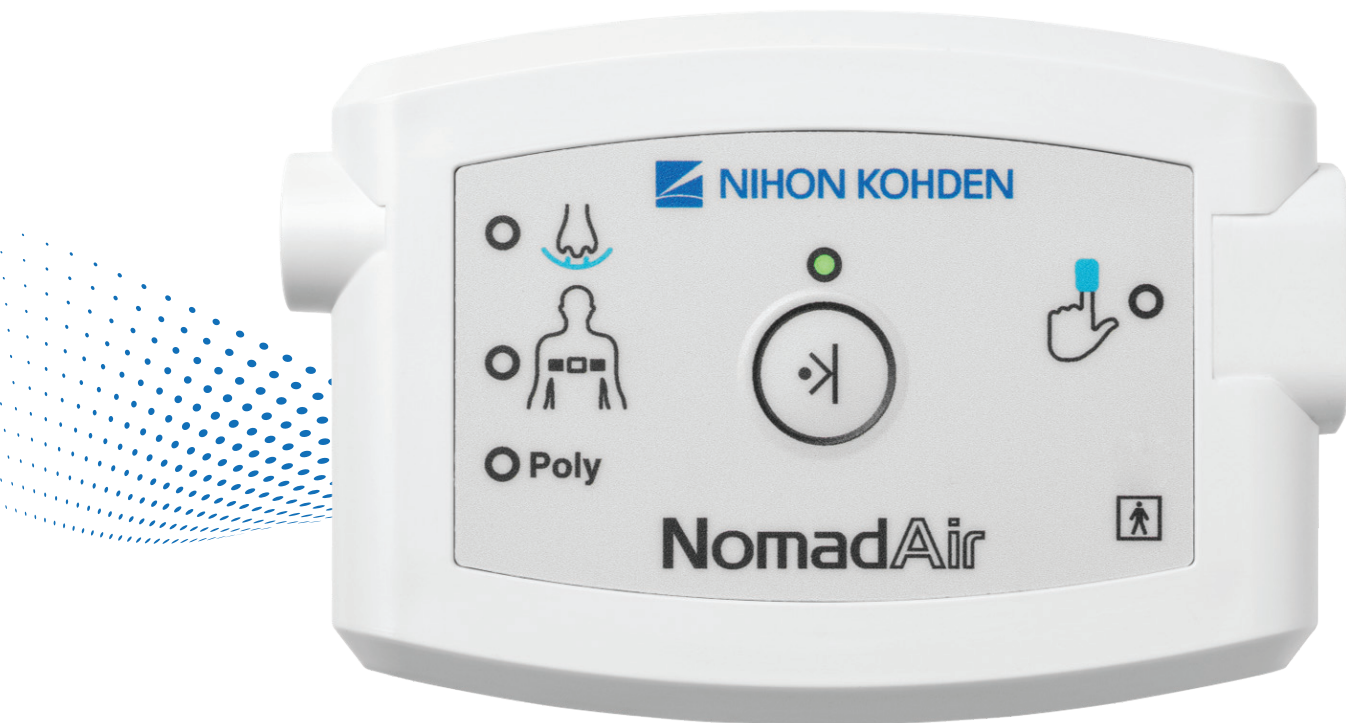


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NOMADAIR®

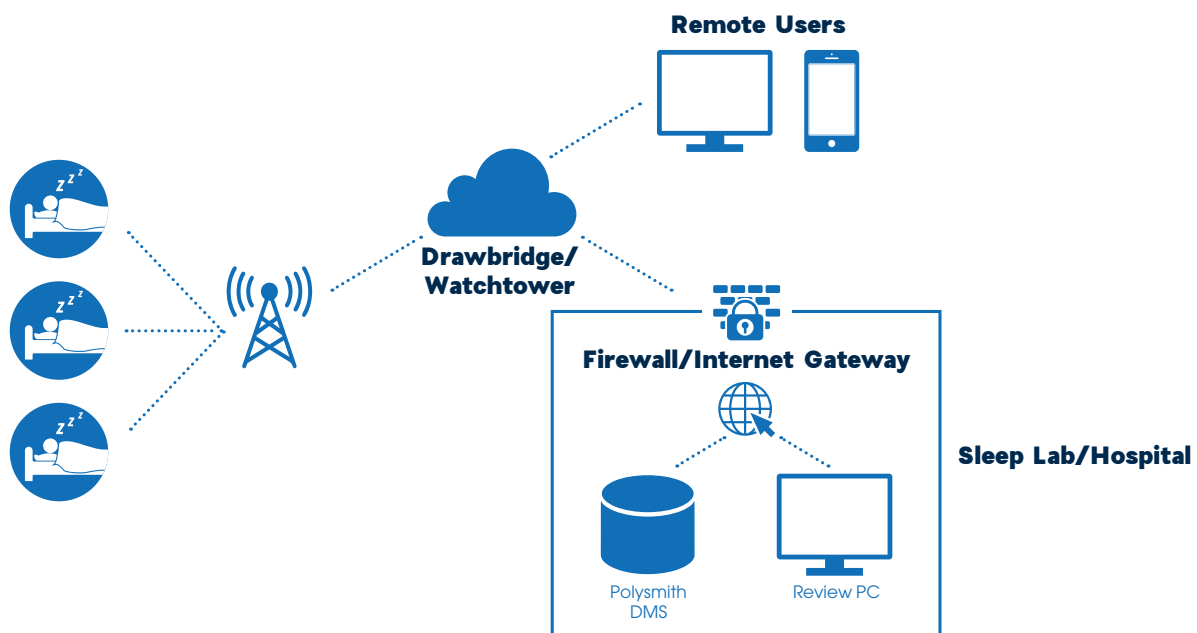
CONNECTED. FLEXIBLE. SIMPLE.



NOMADAIR

The NomadAir provides sleep specialists with a flexible Home Sleep Apnea Testing (HSAT) solution that can improve workflow efficiency and access to data.

HIGH-LEVEL NOMADAIR NETWORK CONFIGURATION DIAGRAM FOR HOME SLEEP APNEA TESTING



Recordings are automatically uploaded to the cloud for the sleep specialist to review and report. Wireless communication is encrypted. No personally identifiable information (PII) is stored on the NomadAir.

Polysmith® is Citrix® Ready allowing sleep specialists remote access to Polysmith data review and reporting. Polysmith automatically scores and mark events.

CONNECTED

The NomadAir has integrated cellular capability which provides real-time status updates of HSAT recordings and the ability to upload successfully completed studies to the sleep lab.

Legend:

- GREEN** = Recording
- GRAY** = Device Idle
- ORANGE** = Scheduled
- PURPLE** = Study Uploading

Annotations:

- Indicates there was a sufficient amount of valid data (points to 0.4 on Patient 2 tile)
- Indicates Study Completed (points to checkmark on Patient 3 tile)
- Indicates Upload Completed (points to checkmark on Patient 4 tile)

Annotations:

- Amount of Valid Data Recorded in Hours (points to 0.4)
- Pin tile to the top of the display (points to bookmark icon)
- Recording Night (1-3) (points to '1' in the center)
- Recording Progress (points to progress bar)
- SpO₂ Error Notification (points to bell icon)
- RIP Belt Error Notification (points to water drop icon)
- Airflow Error Notification (points to fan icon)

With the WatchTower® cloud service included with the NomadAir Subscription Plan, sleep specialists can view the status of all NomadAir studies from their PC, tablet, or phone.

FLEXIBLE

Depending on the study parameters, NomadAir can be wrist or chest mounted. The Poly channel allows a RIP belt, thermocouple, or additional sensor type.

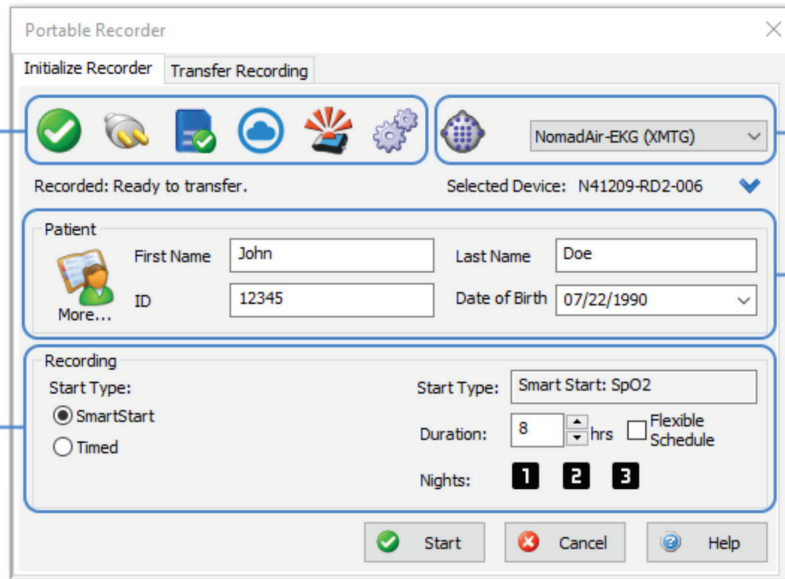


Wrist configuration records actigraphy for TST calculations. Includes pressure signal (PAP compatible), snore, SpO₂, pulse, plethysmography signal, and RIP belt.



Chest configuration includes pressure signal (PAP compatible), snore, SpO₂, pulse, plethysmography signal, RIP belt, body position, and Poly channel.

Amplifier status / utility area – Displays mode, power and disk status. Also cloud subscription status for NomadAir. Amp flash and settings tool are located here as well.



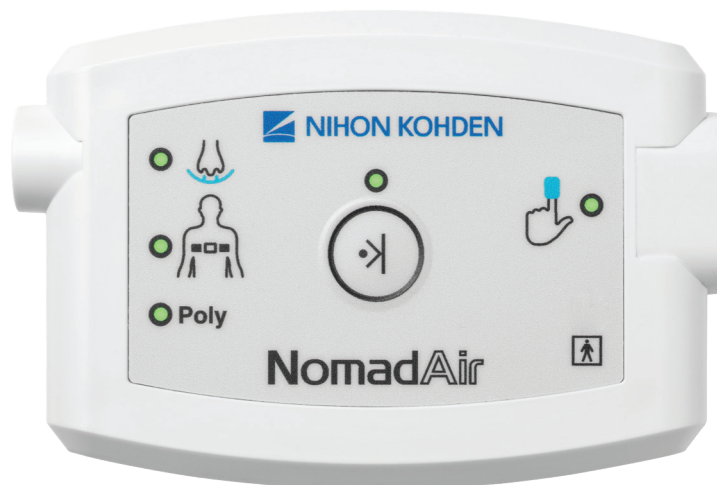
Montage – Click the icon button to change the montage settings or select a saved montage from the list.

Patient Information – View current patient info. When available, click More... to view/edit details.

Recording setup – Select the recording start type, and set the duration of the recording.

Multiple options for starting a study. NomadAir intelligently starts recording when the patient applies the sensors, eliminating the need for the patients to press buttons.

NomadAir can initiate a study either at a specific time or by using SmartStart. SmartStart initiates a NomadAir recording when valid signals are detected.



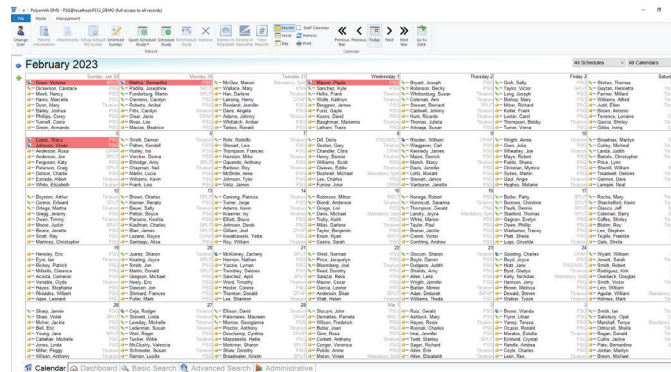
NomadAir indicates a completed recording when all five green lights flash on and off in a rotating pattern.

A rotating light pattern informs the patient of a completed study. NomadAir can automatically schedule an additional recording night if user defined valid data is not met. NomadAir can record up to 3 nights of data on a single AA battery.

SIMPLE

NomadAir recordings are automatically uploaded to the sleep lab using integrated cellular capability and cloud technology without requiring apps or additional equipment. Patient files are received prior to getting the device back to the lab. Recordings are automatically updated to the database providing faster access to data. Polysmith auto-analysis can score and mark events. Polysmith generates 3% and 4% desaturation calculations simultaneously for easier reporting.

NomadAir is fully integrated into the Polysmith software suite allowing sleep specialists to record, score/analyze/review raw data, and generate customizable sleep reports for both In-Lab and HSAT studies. Polysmith provides easier study tracking with customizable workflows including HL7 integration for scheduling and EMR results/reports.



Easy access to both in-lab and HSAT recording. Polysmith DMS can provide filtered calendar views and search the database by recording type.

Data management – Data is automatically uploaded to the sleep lab. Patient files are received prior to getting the device back to the lab and recording are automatically updated to the database providing a streamlined experience for the sleep specialists.

Polysmith automatically scores and mark events. Polysmith generates 3% and 4% desaturation calculations simultaneously for easier reporting.

Customizable workflows and reports in Polysmith.

CHANNEL SET

WRIST MOUNTED	CHEST
Nasal Airflow	Nasal Airflow
Respiratory Effort	Respiratory Effort
SpO ₂	SpO ₂
Heart Rate	Heart Rate
Pleth Wave	Pleth Wave
Actigraphy (TST)	Body Position
	Poly Channel

CLEANING

The external enclosure surfaces or the NomadAir® may be cleaned with a soft cloth and one of the following:

- 70% isopropyl alcohol
- 0.6% sodium hypochlorite solution
- PDI Super Sani-Cloth® Germicidal Wipes*
- PDI Sani-Cloth® Bleach Wipes*

*Follow the cleaning solution's instructions or recognized standards for disinfection.

SPECIFICATIONS

Recording Channels	SpO ₂ , pulse rate, pulse waveform, pressure transducer, snore, RIP, actigraphy/body position, and Poly channel
Recording Type	Type III
Dimensions	103mm x 74mm x 26mm
Weight	135g
Operating Temperature	5° - 40° C
Transport/Storage Temperature	-25° - 70° C
Operating and Transport Atmospheric Pressure	70.0 kPa to 106.0 kPa
Enclosure Material	Medical Grade ABS Plastic
Battery Type	1 x 1.5 AA (recommend Energizer® Ultimate Lithium Batteries)
Battery Life	3 days of idle + 24 hours of recording (for use with LTE, Energizer Ultimate Lithium) batteries
Host PC Communication Cable	USB Type-C cable

DATA SPECIFICATIONS

File Type	PSXDF
Storage Capacity	24 hours
Typical file size (8 hours of recording)	~35 MB
Sampling Frequency	125 Hz – 250 Hz
Air Pressure Channel	-4 cmH ₂ O to 40 cmH ₂ O pressure measurement range; +/- 1 cmH ₂ O over measurement range
Pulse Rate Detection Range	30 to 300 bpm
SpO₂ Data Averaging	Meets AASM recommendation of ≤3 second averaging at 80 bpm.

SpO₂ COMPLIANT WITH IEC/EN 80601-2-61 2ND ED.

Safety Standards	IEC/EN 60601-1 3 rd Ed. A1 IEC/EN 60601-1-2 4 th Ed. IEC/EN 60601-1-11 2 nd Ed. IEC/EN 80601-2-61 2 nd Ed.
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DEVICE AND ACCESSORIES

KITS	
PART NUMBER	DESCRIPTION
NMDAIR/ZA	NomadAir Base Kit: Includes NomadAir, wrist kit, chest kit, reusable SpO ₂ probes, Reusable carrying case, disposable wrist packaging, disposable chest packaging, interface cable, quick guide, and battery door tool
A/NMDAIR-WK	NomadAir Wrist Kit: Includes short SpO ₂ probe, wrist bracket, semi-disposable wrist straps, chest RIP wireset, large reusable RIP belt, and disposable nasal cannula
A/NMDAIR-CK	NomadAir Chest Kit: Includes long SpO ₂ probe, NomadAir large RIP belt, and disposable nasal cannula
A/NMDAIR-SK	NomadAir SensorKit: Includes NomadAir Wrist and Chest Kits
SPO ₂ PROBES (REUSABLE AND DISPOSABLES)	
TL-631T3	NK reusable adult SpO ₂ fingertip probe, NK SpO ₂ compatible, length 1.6m/ 63 in. Patient placement: fingertip (recommended patient weight >20kg/44 lbs.)
TL-601T0	NK reusable adult SpO ₂ fingertip probe, NK SpO ₂ compatible, length 0.21m/ 8 in. Patient placement: fingertip (recommended patient weight >20kg/44 lbs.)
TL-273T3-N/ZA	NK disposable neonate/adult SpO ₂ probe, NK SpO ₂ compatible, length 1.6m/63 in., Qty. 24. Attachment site: fingertip (recommended for patient weight of >40kg/88 lbs.)
NOMADAIR RIP BELTS (CHEST MOUNT)	
A/NMDAIR-BELT-S	NomadAir reusable small belt, length 0.27m/11 in. – 0.7m/27 in.
A/NMDAIR-BELT-M	NomadAir reusable medium belt – length 0.4m/17 in. – 1.1m/45 in.
A/NMDAIR-BELT-L	NomadAir reusable large belt – length 0.7m/28 in. – 2.0m/78 in.
RIP MODULES, PVDF WIRESETS, AND BELTS (REUSABLE AND DISPOSABLES)	
A/NTRIP01T-249-M	NT reusable adult medium chest RIP wireset, 249 connector, length 0.6m/24 in.
A/NTRIP01T-249-L	NT reusable adult long chest RIP wireset, 249 connector, length 2m/80 in.
A/NTRIP01A-249-S	NT reusable adult abdominal short RIP wireset, 249 connector, length 0.2m/8 in.
A/NTRIP01B-S	NT reusable adult small RIP belt, length 0.4m/15in. - 0.7m/27 in.
A/NTRIP01B-M	NT reusable adult medium RIP belt, length 0.5m/21 in. - 1.1m/45 in.
A/NTRIP01B-L	NT reusable adult large RIP belt, length 0.8m/32 in. - 2.0m/78 in.
AIRFLOW	
A/NTTH01H-249-S	NT reusable adult short nasal/oral thermocouple with cannula hanger, 249 connector, length 0.6m/24 in.
A/NTTH01H-249-L	NT reusable adult long nasal/oral thermocouple with cannula hanger, 249 connector, length 2m/80 in.
A/15805-2FT-50	SLP disposable adult nasal cannula with filter, luer lock connector, length 0.6m/24 in., Qty. 50
A/15805-FT-50	SLP disposable adult nasal cannula with filter, luer lock connector, length 2.1m/84 in., Qty. 500

ACCESSORIES	
A/NMDAIR-CASE	NomadAir reusable carrying case
A/NMDAIR-CPKG	NomadAir disposable boxes with chest mounting instructions, Qty. 25
A/NMDAIR-WPKG	NomadAir disposable boxes with wrist mounting instructions, Qty. 25
A/NMDAIR-WSTRAP	NomadAir semi-disposable wrist strap, Qty. 5
A/NMDAIR-WBKT	NomadAir reusable wrist mounting bracket
A/NMDAIR-BD	NomadAir battery door replacement
A/NMDAIR-BDTOOL	NomadAir battery door tool
A/NMDAIR-CABLE	NomadAir interface cable

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MORE IS POSSIBLE

1.800.325.0283 us.nihonkohden.com

15353 BARRANCA PARKWAY, IRVINE CA 92618

CAUTION: Federal (United States) Law restricts this device to sale by or on the order of a physician. See Operators Manual for full prescribing information, including indications for use, contraindications, warnings, precautions and adverse events.

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