

NatrSleep 20A

Sleep Apnoea Breathing Therapy Device

Specification
V01.00.00

Many patients diagnosed with sleep apnea face challenges in adapting to PAP therapy. SunnyGrand's NATR series devices, with the innovative design and an optimized respiratory algorithm, are designed to help improve patient care through all phases of treatment. With precise sleep event detection, outstanding patient comfort, and intelligent presets, the NATR series help struggling patients overcome the challenges associated with sleep apnea.



Advanced Features

5-INCH HD TOUCHSCREEN

Full touchscreen for easy, intuitive control. Light adaptive sensor adjusts screen brightness automatically. Ultra-simple, smartphone-like menu for user-friendliness.



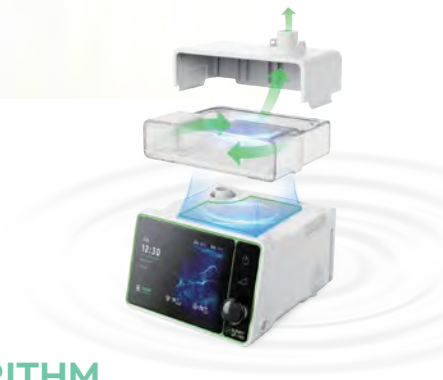
SMART HOME STYLE

Compact 0.03m² footprint maximizes bedside space. The unique cuboid design ensures stability and balance.



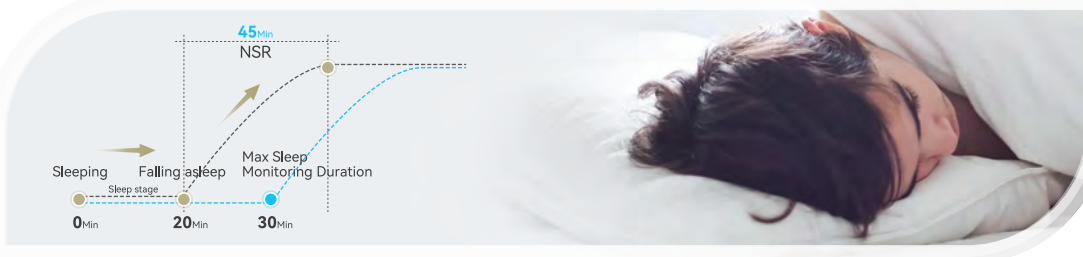
UNIQUE DUAL-HUMIDIFICATION

Ergonomic humidifier with an easy-clean water chamber. Dual-channel design for superior breathing comfort, providing up to 96% humidity to relieve respiratory dryness.



NATR™ FULL-RANGE SLEEP ALGORITHM

The comprehensive sleep algorithm accurately monitors sleep events from falling asleep to waking up. Ensures a natural, comfortable sleep.



Specifications

Basic Information

- Monitor: 5-inch touchscreen; 480*800 pixels; with brightness adjustment sensor
- Dimensions: 188 mm (length) × 173 mm (width) × 163.5 mm (height)
- Weight: 1.9 kg (including humidifier)
- Devices Control: Supports multi-touch control and knob control
- Electrical requirements: 100 – 240 VAC, 50/60 Hz, 2.0 A Max.
- Water Chamber Capacity: 300 ± 20 mL
- Noise level: less than 27dB

Therapy Modes

- CPAP (Continuous Positive Airway Pressure)
- APAP (Automatic Continuous Positive Airway Pressure)

Data Connection & Report Viewing

- Data storage: 4GB high-speed SD card
- Data reports: provides trend reports, average AHI, average AI, average therapy pressure, P95

Clinical Parameters

- Pressure Range: 4–20 cmH₂O, adjustable in 0.2 cmH₂O increments
- Start Pressure: 4–20 cmH₂O, adjustable in 0.2 cmH₂O increments

Comfort Features

- Humidifier: 7 levels from 0 to 6, supports Auto mode
- Preheat Mode: OFF/ON
- Heated Tube: 16–34°C; Auto mode (Available when Heated tube is connected)
- Auto Ramp: Natural Smart Ramp; 0 to 45 min (5-minute increments)
- Expiration Pressure Relief: 1 to 3 levels (Only support in CPAP)
- Smart Start/Stop: OFF/ON
- Mask Type: Nasal/Face/Pillow; Support Auto detection
- Leak compensation: automatic leak pressure compensation
- Altitude compensation: supports automatic altitude pressure adjustment
- Reminder functions: high inspiratory pressure, low expiratory pressure, high respiratory rate, low respiratory rate, low minute ventilation, leak alarm, low tidal volume, tubing replacement reminder, mask replacement reminder, air filter replacement reminder