



Sandman Auto™ CPAP Device

FEATURES

COMPLIANCE CAPABILITIES

- Recording of apneas and hypopneas with central/obstructive split
- Recording of inspiratory flow limitations and snoring
- Leak detection and reporting for each respiratory event
- Approx. 200 sessions of 8 hours stored in embedded memory
- Approx. 50 sessions of 8 hours available on memory card
- Comprehensive Sandman™ therapy software

PERFORMANCE CAPABILITIES

- Enhanced auto algorithm smoothly adjusts pressure during obstructive events
- Digital Signal Processor for precise flow control
- Automatic altitude/barometric compensation
- Data download via memory card
- Direct USB connectivity using Sandman therapy software to:
 - Direct data download
 - Upload new settings
 - Visualize actual session

EASE OF USE

- Front-facing display screen
- Large, backlit buttons
- Fluid-resistant display screen
- Automatic patient reminders
- Automatic light dimmer
- Only one cord for CPAP and heated humidifier
- Ability to run on an external battery

ADVANCED AUTOMATED PRESSURE ADJUSTMENT

The Sandman Auto™ CPAP device was designed to be highly accurate, comfortable and intelligent in order to deliver optimal auto CPAP pressure. This premium CPAP device has pressure and flow sensing capabilities that detect apneas, hypopneas, inspiratory flow limitations and snoring so it can react with optimal pressure at all times, while only increasing pressure during obstructive events. The patients' critical data is stored internally for easy analysis with the optional software, while the auto-calibration feature provides precise pressure delivery for nearly all mask and tubing combinations.

INTUITIVE AND COMPACT

Like all Sandman™ therapy devices, Sandman Auto is simple to operate and robust. It has backlit front-facing screen and buttons so that patients can make simple adjustments without needing to sit up and turn on the light. It is light-weight, has an integrated power supply, single power cord and unique integrated heated humidifier for more comfortable therapy.

Measurements:

6.9" wide, 7.5" deep, 4.7" high

2.2 lbs without humidifier, 2.64 lbs with heated humidifier

ADVANCED HUMID CONTROL (HC)

The Sandman Auto Humid Control humidification system provides precise levels of humidification by continually measuring the voltage and current delivered to the heater. This allows for a constant differential between water and air temperature to minimize tubing condensation, and gives patients a stable humidification level throughout the night for highly effective and comfortable therapy.

ORDERING INFORMATION

PRODUCT	ORDER NUMBER
Sandman Auto CPAP, standard (includes 6 ft tubing and carrying case)	M-114802-US
Sandman Auto CPAP, standard w/heated humidifier (includes 6 ft tubing and carrying case)	M-114822-US
Sandman CPAP cover	M-314830-06
Carrying case	M-814805-00
Water chamber kit (includes base, cover and gasket)	M-314810-00
Air intake filter (foam, reusable)	M-414840-06
High efficiency filter (disposable)	M-414841-07
Filter holder kit	M-314820-02
Memory card	M-214830-00
Memory card reader	M-214830-03
Sandman therapy software	M-214830-11
Clinical kit Sandman series	M-214830-10
Power supply cord	M-660601-43
Cigarette lighter cable	M-214530-01
Battery cable	M-214530-00
RS232 Cable, 2 m (6.56 ft) (Not for use with Sandman Intro™)	M-214831-05
RS232 Cable, 15 m (49.21 ft) (Not for use with Sandman Intro)	M-214831-04
USB Cable, 2 m (6.56 ft) (Not for use with Sandman Intro)	M-214831-06
Oxygen adapter	Y-616155-03B
Patient tubing, 22 mm 1.8 m (6 ft)	M-261000-04
Patient tubing, 22 mm 2.6 m (8 ft)	S-776274-00C
Patient manual	M-148DFU00-20
Practitioner manual	M-148DFU00-30
BREEZE™ SLEEPGEAR CPAP INTERFACE W/ NASAL PILLOWS	
Breeze SleepGear interface w/ M and L Nasal Pillows	Y-101400-00
Breeze SleepGear interface w/XL Nasal Pillows	Y-101400-XL
BREEZE SLEEPGEAR INTERFACE W/ DREAMSEAL™ MASK	
Breeze SleepGear interface w/ standard DreamSeal mask	Y-102616-00
Breeze SleepGear interface w/ large DreamSeal mask	Y-103059-00A
Breeze SleepGear interface w/ shallow DreamSeal mask	Y-103074-00A
DREAMFIT™ NASAL MASK	
DreamFit mask large	DF301
DreamFit mask standard	DF302
DreamFit mask shallow	DF303
ADAM™ INTERFACE SYSTEM	
ADAM interface standard/medium Snugfit™ headgear kit	Y-100871-00
ADAM interface standard/large SnugFit headgear kit	Y-100872-00
ADAM interface narrow/medium Knightwear™ kit	Y-100873-00
ADAM interface narrow/large SnugFit headgear kit	Y-100874-00

SPECIFICATIONS

CPAP PRESSURE AND FLOW GENERATION PROCESS: Air pressure and flow generated by a centrifugal blower with dynamic pressure regulation	
PRESSURE OUTPUT:	3 cmH ₂ O to 20 cmH ₂ O (+/- 0.6 cmH ₂ O)
FLOW OUTPUT:	190 LPM @ 20 cmH ₂ O without humidifier
OUTLET GAS TEMPERATURE: Maximum gas temperature at the patient outlet: 106°F (41°C)	
NOISE LEVEL:	26 dB measured in accordance with ISO 17510-1:2002
OPERATIONAL MODE:	Constant pressure, auto-adjust
RAMP DURATION:	0, 5, 10, 15, 20, 25, 30, 35, 40, 45 minutes
RAMP STARTING PRESSURE:	3 cmH ₂ O to prescription pressure
HUMIDIFIER TYPE: Heated or pass-over, passive vapor-phase transfer of water into inspiratory airflow	
HUMIDIFIER WATER CHAMBER CAPACITY: 350 ml (11.75 oz) at maximum water level	
HEATER ADJUSTABLE RANGE AND WATTAGE: 0-10 adjustable, ≈ 3.8 watts at setting 1, 38 watts at setting 10	

PHYSICAL CHARACTERISTICS

SIZE:	6.9" wide x 7.5" deep x 4.7" high (17.5 cm x 19 cm x 12 cm)
WEIGHT:	2.64 lbs (1.20 kg) with humidifier; 2.2 lbs (1.0 kg) without humidifier
FILTERS:	Cleanable and high-efficiency

POWER CHARACTERISTICS

POWER SUPPLY:	Input range 100-240 V, 50-60 Hz
POWER CONSUMPTION:	50 VA max without humidifier 90 VA max with humidifier at maximum setting

ENVIRONMENTAL REQUIREMENTS

OPERATING TEMPERATURE: 41°F to 95°F (5°C to 35°C), 10% to 95% relative humidity (RH), non-condensing	
STORAGE TEMPERATURE: -4°F to 140°F (-20°C to 60°C), ≤95% relative humidity (RH), non-condensing	
OPERATING ALTITUDE:	0 to 9000 feet (2,743 meters)

For more information, please contact your local sales representative or visit our website at www.covidien.com/sleepapnea

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