



COVIDIEN

positive results for life™

Sandman Auto™ CPAP Device

FEATURES

COMPLIANCE CAPABILITIES

- Recording of apnoeas and hypopnoeas 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
 - Visualise 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 apnoeas, hypopnoeas, 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:

17.5 cm wide, 18 cm deep, 12 cm high

1.1 kg without humidifier and 1.3 kg with 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 minimise 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 1.8 m tubing and carrying case)	M-114802-UK
Sandman Auto CPAP, standard w/ heated humidifier (includes 1.8 m tubing and carrying case)	M-114822-UK
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 - 100 pieces)	M-414841-07
Filter holder kit	M-214820-02
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-660601-44
Cigarette lighter cable	M-214530-01
Battery cable	M-214530-00
RS232 Cable, 2 m (Not for use with Sandman Intro)	M-214831-05
RS232 Cable, 15 m (Not for use with Sandman Intro)	M-214831-04
USB Cable, 2m (Not for use with Sandman Intro)	M-214831-06
Oxygen adapter	Y-616155-03B
Patient tubing, 22mm 1.8m	M-261000-04
Patient tubing, 22mm 2.6m	S-776274-00
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

PERFORMANCE
CPAP PRESSURE AND FLOW GENERATION PROCESS: Air pressure and flow generated by a centrifugal blower with dynamic pressure regulation
PRESSURE OUTPUT: 3 cm H ₂ O to 20 cm H ₂ O (+/- 0,6 cm H ₂ O)
FLOW OUTPUT: 200 LPM @ 20 cm H ₂ O with all leak flow included
OUTLET GAS TEMPERATURE : Maximum gas temperature at the patient outlet: 41°C
NOISE LEVEL: 26 dB at 1 meter with ISO17510-1
OPERATIONAL MODE: Constant pressure, no auto-adjust
RAMP DURATION: 0, 5, 10, 15, 20, 25, 30, 35, 40, 45 minutes
RAMP STARTING PRESSURE: 3 cm H ₂ O to prescription pressure
HUMIDIFIER TYPE: Heated or pass-over, passive vapour-phase transfer of water into the inspiratory airflow
HUMIDIFIER WATER CHAMBER CAPACITY: 350 ml at maximum water level
HEATER ADJUSTABLE RANGE AND WATTAGE: 0-10 adjustable, 5 ≈ 4 watts at setting 1, 40 watts at setting 10

PHYSICAL CHARACTERISTICS

SIZE: 17.5 cm wide, 19 cm deep, 12 cm high
WEIGHT: 1.1 kg, 1.3 kg with heated humidifier
FILTERS: Cleanable and high-efficiency

POWER CHARACTERISTICS

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

ENVIRONMENTAL REQUIREMENTS

OPERATING TEMPERATURE: 5°C to 35°C, 10% to 95% relative humidity (RH), non-condensing
STORAGE TEMPERATURE: -20°C to 60°C, ≤95% relative humidity (RH), non-condensing
OPERATING ALTITUDE: 0 to 2,743 metres

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

COVIDIEN, COVIDIEN with Logo and ™ marked brands are trademarks of Covidien AG or its affiliate. © 2007 Covidien AG or its affiliate. All rights reserved. C-AD-SandAuto/GB



COVIDIEN (UK)
COMMERCIAL
LIMITED

154 FAREHAM ROAD
GOSPORT HAMPSHIRE
PO 13 OAS
UNITED KINGDOM (UK)

+44 (0) 1329 224226 [T]
+44 (0) 1329 224334 [F]

WWW.COVIDIEN.COM