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## Sandman Intro™ CPAP Device

### FEATURES

#### EASE OF USE

- Front-facing display screen
- Large, backlit buttons
- Fluid-resistant display screen
- Can run on external battery
- Memory card
- Automatic patient reminders

#### FULLY INTEGRATED

- Integrated HC heated humidifier
- Single electrical connection for both CPAP and heated humidifier
- Sandman™ therapy software

#### AUTOMATED

- Automatic altitude and barometric pressure change compensation
- Internal universal switching power supply
- Automatic leak compensation
- Automatic light dimmer

### DESIGNED WITH COMPLIANCE IN MIND

The Sandman Intro™ CPAP device was designed with input from users and clinicians to improve patient compliance with therapy. The result is a device that easily fits into users' lives and delivers quality performance, comfort and convenience.

### SMALL FOOTPRINT

While offering one of the smallest overall footprints available, the compact Sandman Intro CPAP device incorporates a fully integrated heated humidifier for enhanced breathing comfort. The humidifier is discreetly located at the rear of the device with a water chamber and filter that are easy to remove for cleaning. And, even with the integrated humidifier, the device remains lightweight and robust enough for nightly use at home or on the road.

#### Measurements:

6.9" wide, 7.5" deep, 4.7" high

2.5 lb without humidifier and 2.65 lb with humidifier

### FOCUS ON USABILITY

Numerous user-friendly features on the Sandman Intro CPAP help to make the device easy to live with. Such features include automatic patient reminders, ultra-quiet operation and a front-facing display screen with large backlit buttons that dim automatically after use.

## ORDERING INFORMATION

PRODUCT	ORDER NUMBER
Sandman Intro CPAP, standard (includes 6 ft. tubing and carrying case)	M-114800-US
Sandman Intro CPAP, standard w/ heated humidifier (includes 6 ft. tubing and carrying case)	M-114820-US
Sandman Intro CPAP cover	M-414840-04
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-414840-07
Memory card	M-214830-00
Power supply cord	M-660600-43
Cigarette lighter cable	M-214530-01
Oxygen adapter	Y-616155-03
Patient tubing, 22mm 1.8m (6ft)	M-261000-04
Patient tubing, 22mm 2.6m (8ft)	S-776274-00
Patient manual	M-148DFU00-20
Practitioner manual	M-148DFU00-30
Sandman™ therapy software	M-214830-07
<b>BREEZE SLEEPGEAR™ CPAP INTERFACE W/ NASAL PILLOWS</b>	
Breeze Sleepgear interface w/ M and L Nasal Pillows	Y-101400-00
Breeze Sleepgear interface w/ XL Nasal Pillows	Y-101400-XL
<b>BREEZE SLEEPGEAR INTERFACE W/ DREAMSEAL™ MASK</b>	
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
<b>DREAMFIT™ NASAL MASK</b>	
Dreamfit mask large	DF301
Dreamfit mask standard	DF302
Dreamfit mask shallow	DF303
<b>ADAM™ INTERFACE SYSTEM</b>	
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
<b>CPAP PRESSURE AND FLOW GENERATION PROCESS:</b> Air pressure and flow generated by a centrifugal blower with dynamic pressure regulation
<b>PRESSURE OUTPUT:</b> 3 cm H <sub>2</sub> O to 20 cm H <sub>2</sub> O (+/- 0.6 cm H <sub>2</sub> O)
<b>FLOW OUTPUT:</b> 200 LPM @ 20 cm H <sub>2</sub> O with all leak flow included
<b>OUTLET GAS TEMPERATURE:</b> Maximum gas temperature at the patient outlet: 106°F (41°C)
<b>NOISE LEVEL:</b> 26 dB at 1 meter with ISO17510-1
<b>OPERATIONAL MODE:</b> Constant pressure, no auto-adjust
<b>RAMP DURATION:</b> 0, 5, 10, 15, 20, 25, 30, 35, 40, 45 minutes
<b>RAMP STARTING PRESSURE:</b> 3 cm H <sub>2</sub> O to prescription pressure
<b>HUMIDIFIER TYPE:</b> Heated or pass-over, passive vapor-phase transfer of water into the inspiratory airflow
<b>HUMIDIFIER WATER CHAMBER CAPACITY:</b> 350 ml (11.75 oz)
<b>HEATER ADJUSTABLE RANGE AND WATTAGE:</b> 0-10 adjustable, 5 ≅ 4 watts at setting 1, 40 watts at setting 10
<b>PHYSICAL CHARACTERISTICS</b>
<b>SIZE:</b> 6.9" wide X 7.5" deep X 4.7" high (17.5 cm X 19cm X 12cm)
<b>WEIGHT:</b> 2.5 lb (1.13 kg), 2.65 lb (1.20 kg) with heated humidifier
<b>FILTERS:</b> Cleanable and high-efficiency
<b>POWER CHARACTERISTICS</b>
<b>POWER SUPPLY:</b> Input range 100-240 V, 50-60 Hz
<b>POWER CONSUMPTION:</b> 50W without humidifier 90W with humidifier at maximum setting
<b>ENVIRONMENTAL REQUIREMENTS</b>
<b>OPERATING TEMPERATURE:</b> 41°F to 95°F (5°C to 35°C), 10% to 95% relative humidity (RH), non-condensing
<b>STORAGE TEMPERATURE:</b> -4°F to 140°F (-20°C to 60°C), ≤95% relative humidity (RH), non-condensing
<b>OPERATING ALTITUDE:</b> 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](http://www.covidien.com/sleepapnea)

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A.a 3961 ST11607

