



DreamStar™Intro Evolve water reservoir



DreamStar™ Intro

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DreamStar™ Intro *Evolve*

DreamStar™ Intro is designed to improve the patient's compliance with the therapy by providing performance, comfort and ease of use. This makes it easily adaptable to the needs of the user.

COMPACT DESIGN

DreamStar™ Evolve as a CPAP device has also a fully integrated heated humidifier increasing the respiratory comfort, while remaining one of the most compact devices in the market. The humidifier is located at the rear of the device with its water reservoir. The reservoir and the air inlet filter are easy to remove for cleaning.

The fully integrated power supply and heated humidifier, makes DreamStar™ Evolve one of the lightest devices in the market. This ensures maximum comfort while using the device either traveling or at home.

CONFIGURATIONS

The DreamStar™ Intro has a configuration without humidifier and the Evolve configuration with an integrated heated humidifier. The Evolve Configuration may be used either with a water reservoir for humidification or without humidification by replacing the reservoir with a cover.

Advanced Technology DreamStar™ Water & Humid Control

The innovative design of the water reservoir "DreamStar™ Water Control" and the automatic humidification system "Humid Control" provide a new concept for water management. This prevents the risk of water return to the device and minimizes condensation in the patient circuit to maintain a stable level of humidification overnight, for a therapy combining comfort and optimal efficiency.

EASE OF USE

The design features of DreamStar™ Intro help to facilitate the easy use of the device. They include automatic reminders, quiet operation and front screen illuminated retro buttons with automatic extinction of the backlight. The settings can be uploaded to the device via the DreamStar™ data card. Compliance data are stored for 365 days in the internal memory of the device for a simple analysis with DreamStar™ Analyze analysis software.

CPAP device

FEATURES :

EASE OF USE :

- Front-facing screen
- Auto reminder settings
- Large, backlit buttons
- Multi language menu
- Can run on external battery (by-pass humidification option)
- Download compliance data via the DreamStar™ card
- Upload settings via the DreamStar™ card
- Complete software analysis DreamStar™ Analyze

TECHNOLOGIES :

- DreamStar™ Water Control
- Humid Control

FULLY INTEGRATED :

- Integrated HC heated humidifier
- Single electrical plug connection for both device and heated humidifier

AUTOMATED :

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

SPECIFICATIONS :

Characteristics (or Performances) :

PRESSURE OUTPUT : 4 cm H₂O to 20 cm H₂O (+/- 0,6 cm H₂O)

MAX. FLOW FOR 1CMH₂O PRESSURE DROP AT THE PATIENT OUTPUT:
160 lpm at 20 cmH₂O without humidifier

NOISE LEVEL: 26 dB measured with an uncertainty of 2 dB according to ISO 17510-1:2002

OPERATIONAL MODE : Constant pressure

RAMP DURATION: 0 to 45 minutes adjustable by 5 minute increments

COMFORT PRESSURE : 4 cm H₂O to prescribed pressure

HUMIDIFIER CHAMBER CAPACITY :
300 ml at maximum water level

HEATER ADJUSTABLE RANGE AND WATTAGE :
0 - 10 adjustable (40 Watts at setting 10)

Physical Characteristics :

SIZE : 20 wide cm X 23 cm deep X 12 cm high

WEIGHT : 1,5 kg with humidifier ; 1,4 kg without humidifier

FILTERS : Cleanable standard filter or disposable HEPA filter

Power Characteristics :

POWER SUPPLY: Input range 100-240 V, 50-60 Hz

BATTERY: 13 V

POWER CONSUMPTION:
50 VA max without humidifier; 90 VA with humidifier at setting 10

IEC 60601-1 CLASSIFICATION : Class II (double isolation) Type BF

Environmental Requirements :

OPERATING TEMPERATURE:
5°C to 35°C, 10% to 95% relative humidity (RH), non-condensing

STORAGE TEMPERATURE :
-20°C to 60°C, relative humidity (RH) ≤95%, non-condensing

OPERATING ALTITUDE : from sea level 2700 meters

ORDERING INFORMATIONS :

Products and accessories :

DreamStar™ Intro
(Includes patient circuit 1,8m and carrying case)

DreamStar™ Intro Evolve with reservoir
(Includes patient circuit 1,8m and carrying case)

DreamStar™ Intro Evolve with cover
(Includes patient circuit 1,8m and carrying case)

DreamStar™ Water Reservoir
(includes base, cover and gasket)

DreamStar™ Cover

Filter holder kit (27x42)

96 Inlet Air filter (27x42)

100 High efficiency air filter (27x42)

Carrying case DreamStar™

Power cord 2 poles - UK

Cigarette lighter cable 3A

Battery cable 3A ring term

Patient circuit 1,80 m / diam 22mm

Patient manual DreamStar™ range

Practitioner manual DreamStar™ range

Data Management :

DreamStar™ Analyze software

DreamStar™ Analyze clinical kit

Memory card DreamStar™

Memory card reader

User manual

References :

M-115500-UK

M-115520-UK

M-115510-UK

M-315510-14

M-315530-19

M-314820-02

M-414840-06

M-414841-07

M-815505-00

M-660601-40

M-214530-01

M-214530-00

M-261000-04

M-155DFU00-20

M-155DFU00-60

M-215630-00

M-215630-01

M-215530-00

M-214830-03

M-156DFU00-20

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