

SPECIFICATIONS :

Characteristics :

Pressure output : 4 cm H₂O to 20 cm H₂O (+/- 0,5 cm H₂O)

Max. flow for 1cmH₂O pressure drop at the patient output :
200 lpm at 20 cmH₂O without humidifier

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

Mode of operation :

DreamStar™ Info : Constant pressure

DreamStar™ Auto : Constant pressure, Auto adjusting pressure

Ramp duration : 0 to 45 minutes adjustable by 5 minutes

Comfort pressure : 4 cm H₂O to prescribed pressure

Humidifier chamber capacity : 300 ml at the maximum water level

Heater adjustable range and wattage :
0 to 10 adjustable (40 Watts at setting 10)

Physical Characteristics :

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

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

Filter : Cleanable standard or disposable HEPA

Power characteristics :

Power supply : Input range 100-240 V, 50-60 Hz

Power supply on 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 to 2700 meters

ORDERING INFORMATIONS :

Products and accessories :

DreamStar™ Info
(includes patient circuit 1,8 m and carrying case)

DreamStar™ Info Evolve w/ reservoir
(includes patient circuit 1,8 m and carrying case)

DreamStar™ Info Evolve w/ cover
(includes patient circuit 1,8 m and carrying case)

DreamStar™ Auto
(includes patient circuit 1,8 m and carrying case)

DreamStar™ Auto Evolve w/ reservoir
(includes patient circuit 1,8 m and carrying case)

DreamStar™ Auto Evolve w/ cover
(includes patient circuit 1,8 m 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™ Info, Intro, Auto

Practitioner manual DreamStar™ Info, Intro, Auto-
Evolve

Data Management

DreamStar™ Analyze software

DreamStar™ Analyze clinical kit

Memory card DreamStar™

Memory card reader

User manual

References :

M-115501– UK

M-115521– UK

M-115511– UK

M-115502– UK

M-115522– UK

M-115512– 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-155DFU00-00

M-155DFU00-40

M-215630-00

M-215630-01

M-215530-00

M-214830-03

M-156DFU00-20



DreamStar™ Info & Info *Evolve*

DreamStar™ Auto & Auto *Evolve*

Continuous Positive Pressure Auto CPAP



DreamStar™ Auto

DreamStar™ Info & Auto are designed to maximize comfort and patient compliance with the therapy. The technological innovations allow an easy adaptation and follow up of the treatment.

Both DreamStar™ Info & Auto detect apneas, hypopneas, inspiratory flow limitation and snoring. The differentiation between obstructive and central events and the leak level detection allow the clinician to evaluate the effectiveness of the therapy treatment.

CONFIGURATIONS

The DreamStar™ Info & Auto have a configuration without humidifier and the DreamStar™ Info & Auto *Evolve* with an integrated heated humidifier. The *Evolve* configurations may be used either with a water reservoir for humidification or without humidification by replacing the water reservoir with a cover.



DreamStar™ Auto *Evolve* w/ water reservoir

For more information contact us at the following addresses :
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CE 0459



Specific AUTO-CALIBRATION function ensures that the prescribed pressure is delivered at the patient's interface. This makes the device compatible with almost any combination of mask and patient circuit of 22mm or 15mm diameter.

COMFORT CALIBRATION (CC+) function optimizes patient comfort on CPAP or Auto-CPAP mode. This is accomplished by adjusting the pressure delivered to the patient's breathing cycle without compromising the effectiveness of delivered treatment. This technology, based on the principles of auto-calibration function, may increase the pressure during inhalation and lower pressure during exhalation. These variations naturally adapt to the patient's respiratory cycles.

The Auto-CPAP mode. Reclaiming the experience, this algorithm makes the DreamStar™ Auto to respond to obstructive events such as inspiratory flow limitation and snoring. The differentiation between obstructive and central events allows the device to always deliver the optimum pressure without risking the effectiveness of the applied pressure. The pressure will not rise in the event of apneas or hypopneas known as central.

EASE OF USE

The design features of DreamStar™ Info & Auto facilitate the easy use of the devices. 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.

The result is a device easily adaptable to everyday users, ensuring performance, comfort and ease of use.



COMPLIANCE DATA MANAGEMENT

Compliance data are stored for 365 days in the internal memory of the device. The last 16 hours of the patient's actual flow data provides in addition extra useful information about the effectiveness of the therapy.

The **DreamStar™ Analyze software** is a user friendly software which enables downloading, analyzing and printing the compliance data to a fully configurable report. The data can be retrieved either entirely by using the mini USB DreamStar™ cable or through the DreamStar™ memory card for the last 40 eight-hour sessions.

DREAMSTAR™ WATER & HUMID CONTROL TECHNOLOGY

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

COMPACT DESIGN

DreamStar™ Info & Auto in the *Evolve* configuration have a fully integrated heated humidifier for enhanced breathing comfort, while remaining one of the most compact devices in the market. The humidifier is located at the rear of the devices 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™ Info & Auto *Evolve* one of the lightest devices in the market. This ensures maximum comfort while using the device, either when travelling or being at home.

FUNCTIONALITIES :

Ease of use :

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

Technologies :

- Specific Auto-calibration function
- Comfort Calibration mode CC+
- Auto-CPAP mode for DreamStar™ Auto
- DreamStar™ Water & Humid Control+ in the *Evolve* configuration

Fully integrated :

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

Automated :

- Automatic altitude and barometric pressure change compensation
- Universal internal power supply
- Automatic leak compensation