



RESmart GII CPAP System

Continuous Positive Airway Pressure (CPAP)



RESmart GII is a brand new intelligent CPAP, suitable for home and clinic therapy of Obstructive Sleep Apnea (OSA). Its powerful intelligent control improves acclimation of traditional CPAP, providing patients more safety and comfort.

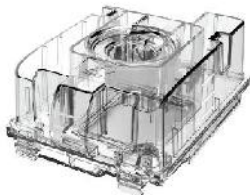


Reliable stability

- Adopting the special designed air pump, RESmart GII provides users stable 4-20 hPa therapy pressure.
- Ramp capabilities allow a 0-60 minutes time period with adjustable ramp starting pressure.
- Auto on/ Auto off
- Alert when accidental power off
- In time alert function when mask/tubing off line
- Automatic leakage and altitude compensation
- Unique Delay-off feature protects RESmart GII from humidity hazard.
- ICode II feature (Web based, Smartphone App) provides the most convenient remote retrieval of sleep data
- One button to review the treatment information of last day

Ergonomic design

- 2.4-inch Color LCD Display
With an exquisite control knob, BMC RESmart GII Series brings you unsurpassed operational experience.
- SpO2 Kit
Blood oxygen saturation and pulse rate can be clearly seen during the course of therapy
- Eco Smart Technology



Eco Smart heating system with innovative dual water chambers design, Storage Chamber VS Heating Chamber. Optimum Humidity and Temperature are delivered to patient after traveling through the heating chamber. Accurate water quantity control, with real time compensation from Storage Chamber. Eco Smart warm up, high efficiency, lower water bills.



- iCode II



Compliance Data is encoded by QR code
Google play and APP store apps are available
High reliability-recognition rate up to almost 100%
High performance-high recognition speed
More information-less information input

Optional accessories

- Heated tubing provides constant temperature and relative humidity - Rainout Protection
- SpO₂ Kit



Specification

Device Size

Dimensions: 170 × 196 × 118 mm

290 × 196 × 134 mm (with humidifier)

Weight: < 1.5 kg

< 2.5 kg (with humidifier)

Product Use, Transport and Storage

	Operation	Transport and Storage
Temperature:	5°C to 35°C(41°F to 95°F)	-25°C to 70°C(-13°F to 158°F)
Humidity:	15% to 93% Non-condensing	15% to 93% Non-condensing
Atmospheric Pressure:	760 to 1060 hPa	760 to 1060 hPa

Mode of Operation

Continuous

Work Mode

CPAP,

SD Card

With a capacity ≥ 2G, the SD card can record patient data and fault information. Furthermore, the language pack stored on the SD card enables you to change the language of the device.

AC Power Consumption

100 - 240 V AC, 50/60 Hz, 2.0 A max

Type of Protection Against Electric Shock

Class II Equipment

Degree of Protection Against Electric Shock

Type BF Applied Part

Degree of Protection Against Ingress of Water

IP22

Pressure Range

4 to 20 hPa (in 0.5 hPa increments)

Pressure Display Accuracy

± (0.5 hPa + 4%)

Ramp

The ramp time ranges from 0 to 60 minutes

Sound Pressure Level

<30 dB, when the device is working at the pressure of 10 hPa.

Sound Power Level

<38 dB, when the device is working at the pressure of 10 hPa.

SpO₂

Range: 0-100%

The margin of error for SpO₂ between 70% and 100% is ± 3%. No strict accuracy requirements for SpO₂ below 70%.

Pulse Rate

Range: 40-240 bpm

Margin of Error: $\pm 3\%$

Wavelengths

Red: 663 nanometers

Infrared: 890 nanometers

Maximal Optical Output Power

Less than 1.5 mw maximum average

Tube

Length: 6 ft. (1.83m)

Heater Settings

1 to 5 (95 to 167°F/ 35 to 75°C)

Maximum Operating Pressure

30 hPa

Pressure Drop with Humidifier

<0.4 hPa at 60 LPM flow

Humidifier Performance

Humidity Output: No less than 10 mg H₂O/L

Environmental Conditions: Maximum airflow, 35°C, 15% relative humidity

Maximum Delivered Gas Temperature

<43°C

The Form and the dimensions of the Patient Connection Port

The 22 mm conical air outlet complies with ISO 5356-1

NOTE: specifications subject to change without prior notice.