

RESmart

Continuous Positive Airway Pressure (CPAP)



RESmart 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 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 from humidity hazard.
- iCode feature (PC software, Web based, Smartphone App) provides the most convenient remote retrieval of sleep data
- One button to review the treatment information of last day



Heated Tubing



Ergonomic design

- Backlit LCD display for operation in dark
- Lighted user buttons with lockup capability
- Integrated designed InH2 heated humidifier
- Patented anti-countercurrent water tank
- DC 24V powered and infrared controlled humidifier make user safe and comfortable.
- Low noise device

Optional accessories

- Heated tubing provides constant temperature and relative humidity - Rainout Protection
- DC to AC converter, makes DC input available to meet the need for travelling
- SD card optional



TECHNICAL SPECIFICATIONS

Device Size

Dimensions: 220 × 194 × 112 mm
313 × 194 × 112 mm (with InH2 heated humidifier)
Weight: < 1.6 kg
< 2.4 kg (with InH2 heated humidifier)

Product Use, Transport and Storage

	Operation	Transport and Storage
Temperature:	5 to 40°C	-20 to 55°C
Humidity:	≤80% Non-condensing	≤93% Non-condensing
Atmospheric Pressure:	860 to 1060 hPa	500 to 1060 hPa

Standard Compliance

IEC 60601-1 General Requirements for Safety of Medical Electrical Equipment
ISO 17510 Sleep Apnoea Breathing Therapy

Mode of Operation

Continuous

AC Power Consumption

100 – 240VAC, 50/60Hz

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

IPX1 – Drip-Proof, Vertical

Pressure Range

4 to 20 hPa (in 0.5 hPa increments)

Pressure Stability

4 to 20 hPa (± 0.5 hPa)

Sound Pressure Level

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

Maximum Flow

> 35 LPM

Pressure Display Accy.

± 0.5 hPa

Manufacturer: BMC Medical Co., Ltd.

NOTE: Specifications subject to change without prior notice.

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