



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 4-20hPa therapy pressure.
- Ramp capabilities allow a 0-60 minutes time period with adjustable ramp starting pressure.
- Inspiration trigger for auto start-up
- Automatic stop after put off mask
- Alert when accidental power-off
- In time alert function when mask and/or tubing off-line
- Automatic leakage and altitude compensation ensure the therapy accuracy anywhere.
- Unique Delay-off feature protects RESmart[®] from humidity hazard.



Ergonomic design

- Backlit LCD display for operation in dark
- Lighted user buttons with lockup capability
- Integrated designed InH2[™] heated humidifier
- Smart Heater automatic restarts after short term break.
- Patented anti-countercurrent water tank
- DC 24V powered and infrared controlled humidifier make user safe and comfortable.
- Low noise device



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

NOTE: specifications subject to change without prior notice.