

RESmart Auto

Automatic Positive Airway Pressure (APAP)

With Reslex (Expiration Pressure Release)



RESmart Auto (APAP) adopts advanced sensor technology, automatically tracking patients' respiratory condition. The intelligent control system provides patients the reliable therapy of Obstructive Sleep Apnea (OSA).



Professional precision

- Innovative tracking technology ensures accurate and comfortable therapy.
- Unique sensitivity setting offers individual therapy algorithm, makes every user get the most comfort.
- Auto on/Auto off
- Alert when accidental power off
- In time alert function when mask/tubing off line
- Automatic leakage and altitude compensation ensure the therapy accuracy anywhere.
- 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 and powerful design

- Integrated and knock-down designed InH2 heated humidifier
- DC 24V powered and infrared controlled humidifier make user safe and comfortable.
- Patented anti-countercurrent water tank
- Unique Delay-off feature protects RESmart Auto from humidity hazard.
- Powerful embedded memory stores last night's full raw data, 365 nights' user Blog and more than 30 years' therapy record.

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.

20140221