

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.
- RESlex™ performs better exhalation and compliance.
- Inspiration trigger for auto start-up
- Automatic stop after put off mask
- Alarm when accidental power-off
- In time alert function when mask/tubing off-line
- Automatic leakage and altitude compensation ensure the therapy accuracy anywhere.



Ergonomic and powerful design



- Integrated and knock-down designed InH2™ heated humidifier
- DC 24V powered and infrared controlled humidifier make user safe and comfortable.
- Smart Heater automatic restarts after short term break.
- 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.
- User Blog direct output via portable thermal printer

Technical Specifications:

Device Size

Dimensions: 220 × 194 × 112 mm
313 × 194 × 112 mm (with InH2™ heated humidifier)
Weight: < 2 kg

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:	86 to 106 kPa	N/A

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

IPX0 – Ordinary Equipment

Pressure Range

2 to 20 hPa (in 0.5 hPa increments)

Pressure Stability

2 to 20 hPa (±0.5 hPa)

Sound Pressure Level

<30 dB

Maximum Flow

> 15 LPM

Pressure Display Accy.

±0.5 hPa

NOTE: specifications subject to change without prior notice.