

RESmart Auto™ CPAP

Automatic Positive Airway Pressure (APAP)



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).

Why use auto CPAP rather than CPAP?

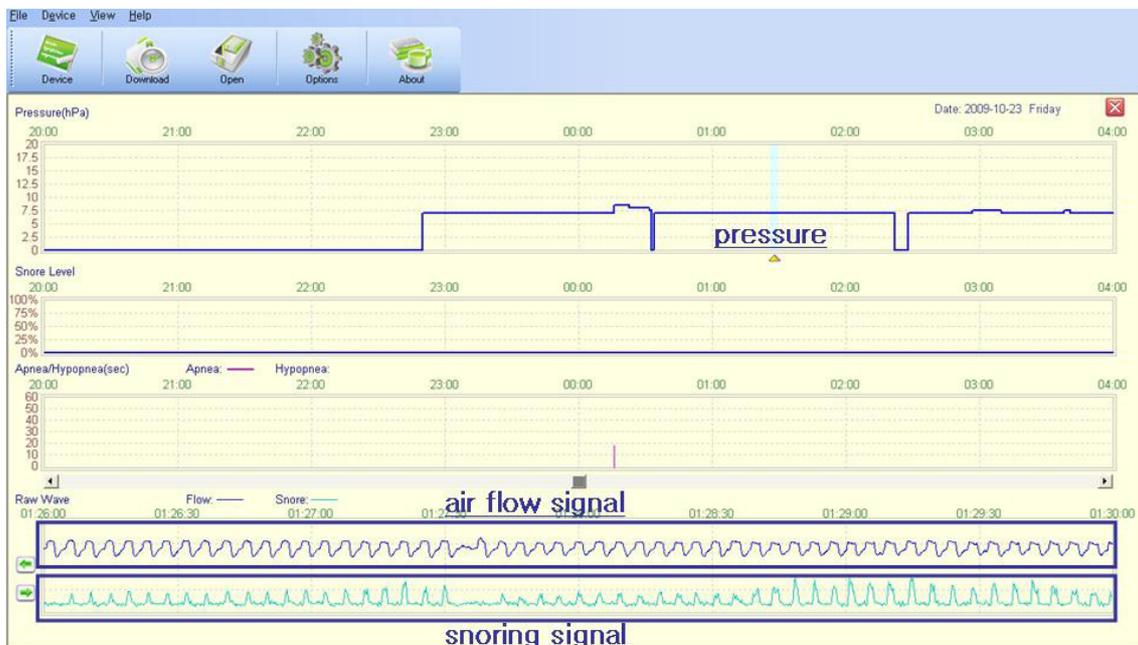
The optimal pressure should not be fixed because the pressure requirement will be changed through the night due to many factors such as whether you have alcohol, nasal allergies, sleep position, stage of sleep cycle and body condition etc.

Why use RESmart Auto CPAP rather than standard auto CPAP?

Because general Auto CPAP pressure will response after the patients have already been waken up which is (closing feel the gate after the hose bolted). Instead of one size fixed, all our Auto CPAP can be tailored to the individual sleep cycle to allow comfortable pressure to falling asleep and stronger optimal pressure when going into REM sleep.

There are several advantages of RESmart Auto CPAP.

1. We can check raw air flow signal with RESmart Auto CPAP same as patients are having sleep test at specific CPAP pressure and that is really helpful to find the user's optimal pressure range. RESmart auto CPAP provide in depth information to find user's optimal environment.



2. We can adjust sensitivity to change pressure. Some people may prefer gradual pressure adjustment and some people may prefer more responsive prompt adjustment. RESmart Auto CPAP provides both.
3. We provide soft pressure function at initial part of expiratory that is "RESLEX". This is similar to what other competitive brands call this function C- FLEX, EPR etc.
4. This is very quiet compare to other brands.
5. The price of RESmart Auto CPAP and consumable accessories are very reasonable.
6. The key point to manage nasal problems whilst using CPAP is humidification. RESmart Auto CPAP provides integrated programmable heated humidification.
7. Patented anti- countercurrent water tank.
8. Your auto CPAP comes with software packages that allow downloading data and check the results by yourself. Also, we can analysis any data for you if you upload it to our aftercare website.
9. Unique Stop-delay feature protects RESmart Auto from humidity hazard.
10. DC 12V powered and infrared controlled humidifier make user safe and comfortable.



Technical Specifications:

Device Size

Dimensions: 220 × 194 × 112 mm

313 × 194 × 112 mm (with InH2TM 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

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.