

AutoSet Spirit™



Modular, automatic positive airway pressure (APAP) system

The AutoSet Spirit™ is used in the clinic or home for the treatment of obstructive sleep apnea (OSA) in adults. This modular system offers the option of fully integrated humidification (HumidAire 2i™) and detailed data management (ResLink™).



AutoSet Spirit with ResMed's exclusive AutoSet algorithm

The AutoSet™ algorithm—three lines of defense

The patented AutoSet algorithm detects and responds to flow limitation, snoring, and apneas. The AutoSet algorithm is unique in its early response to subtle changes in the upper airway.

The AutoSet Advantage™—Personalized. Professional. Proven.

As studies show, all APAP devices do not deliver similar outcomes.¹ AutoSet technology tailors therapy to each

patient's individual needs, breath-by-breath, night-by-night, and year-by-year; even as requirements change due to seasonal allergies and weight fluctuations.

Improved comfort & compliance

The preemptive and adaptive nature of the AutoSet algorithm allows the AutoSet Spirit to treat patients with lower pressures, on average, than CPAP.²

This proven therapy effectiveness² results in more comfortable sleep, fewer side effects, and better quality of life for patients. Those previously treated at higher CPAP pressures particularly experience improved compliance when using AutoSet technology.²

Integrated, optional humidification

ResMed's AutoSet devices are the only automatic systems to combine the AutoSet Advantage with optional integrated humidification. Reducing side effects and nasal airway resistance, heated humidification is proven to significantly improve compliance across the entire spectrum of OSA patients.³

¹ Bliss et al. *VIP* 2003

² Massie et al. *Am J Respir Crit Care Med* 2003; 167: 20-23

³ Rakatonarahary et al. *Chest* 2001 Feb; 119(2): 460-465

AutoSet Spirit™



AutoSet Spirit with HumidAire 2i attached

AutoSet Spirit



Smart Data™

Smart Data™ on the LCD gives feedback on mask leak, pressure, and usage for the previous session, each with a simple star rating. Access to this feature is at the clinician's discretion. A Smart Data Diary helps monitor this feedback.

Clinical menu results

The AutoSet Spirit offers sleep health professionals a comprehensive set of efficacy and usage data, accessible via the LCD. It enables clinicians to monitor critical trends over time—daily, weekly, monthly, 6 monthly, and yearly.

ResLink module

This unique therapy management tool clips onto the back of the AutoSet Spirit. The ResLink captures and stores unparalleled depth and range of data on patient compliance and treatment effectiveness, including oximetry.



AutoSet Spirit comprehensive system with optional HumidAire 2i and ResLink modules

Technical specifications

Performance

Operating pressure range (automatic altitude adjustment)
4–20cmH₂O

Data storage

365 days of usage, pressure, leak, AHI, and AI data
Data storage on ResLink via SmartMedia™ Card: 32 MB

Dimensions (L x W x H)

5.6in X 9.1in X 10.6in (270mm x 230mm x 141mm)

Weight

Flow generator only: 5.07lbs (2.3kg)
Complete system with HumidAire 2i: 7.05lbs (3.2kg)

Power supply input range

100–240V, 50–60Hz, < 120VA
(maximum power consumption) Please refer to the User's Manual for details about power consumption values for typical treatment conditions.

Housing construction

Flame retardant engineering thermoplastic

Environmental conditions

Operating temperature: +41 to +104°F (+5 to +40°C)
Operating humidity: 10–95% non-condensing
Storage and transport humidity: 10–95% non-condensing

Air filter

Two-layered, powder-bonded, polyester non-woven fiber

Air tubing

Flexible plastic, 6'7" or 9'10" (2m or 3m) length

IEC 60601-I classification

Class II (double insulated), Type CF

Note: The manufacturer reserves the right to change these specifications without notice.

Product codes

AutoSet Spirit

30001	Americas	30902	Americas
30003	Australia/NZ	30903	Europe Group 1
30005	Germany	30904	Australia
30006	UK	30922	Europe Group 2
30007	Europe Group 1		
30008	Europe Group 2		
30009	France		
30010	Asia Pacific		
30012	Teijin		
30015	AutoSet Spirit Professional - USA (supplied with a three-prong powercord and disposable tubing). Recommended for hospital use.		

HumidAire 2i

30902	Americas
30903	Europe Group 1
30904	Australia
30922	Europe Group 2