



How do you make  
outstanding  
sleep technologies  
even better?



Just add water.  
Introducing Respironics'  
new REMstar®.

Respironics has brought together its best sleep technologies into one family of CPAP systems to help you provide the best care in sleep apnea – and build your business. The REMstar® family gives you a unique set of integrated sleep management tools to improve people's lives. The result is a line of quiet, easy-to-use CPAP systems that gives you more options than ever to provide the best patient treatment to improve compliance and outcomes. These systems could be much more valuable to your business than any system you've stocked before.



Every inch of the REMstar family of CPAPs has been designed to help you make the most of our experience in sleep technology – from the simplicity of its power supply and cord to **C-Flex**, a unique new technology that **makes therapy more comfortable** by adjusting to every breath to deliver the right amount of pressure relief throughout the night.

The REMstar family gives you greater flexibility. And a large part of that comes from its integrated humidification solutions. This allows you to transition patients from no humidification to pass-over humidification to warm air humidification with one machine. So you have the added treatment flexibility you need to help your business grow in today's healthcare environment.



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easy-to  
backlit  
heated  
set-up  
your p

When we designed the REMstar Heated Humidification System, we set out to create a fully integrated unit that didn't sacrifice the aesthetics and operability of the individual CPAP systems. The result: an integrated approach to heated humidification that's as easy for you to stock as it is for patients to use. All REMstar units operate with the same easy-to-use Heated Humidification System. The lighted controls are right on the CPAP, so they're always easy to find. And since the platform plugs into the CPAP, there's only one plug to go into the wall. What's more, the transparent water chamber is easy to fill, clean, and care for – so your patients get all of the benefits of upgrading to heated humidification, without any of the hassles.



*The tubeless, transparent water chamber in REMstar's Heated Humidifier is easy for anyone to fill and attach.*



*And it comes apart easily. Since it's dishwasher safe, the water chamber is easy to clean and care for, too.*







*REMstar® Plus CPAP System*



*REMstar® Pro with C-Flex*



*REMstar® Auto CPAP System*



*REMstar® Heated Humidifier*



*REMstar® Pass-over Humidifier*

## the systems

By offering you a range of CPAP choices and humidification options in one family of CPAP systems, the REMstar family is your choice for designing customized outcomes-based treatment plans for sleep apnea sufferers. All REMstar CPAP systems feature a sleek, updated design including backlit controls for the unit and humidification system.

### **REMstar Plus**

This full-featured unit offers an all-new display, expanded ramp capabilities, and integrated humidification controls. It even offers features that make set-up easier and significantly more accurate. And its unique new session meter records the number of sessions that last more than four hours (  $\text{⌚} > 4$  ) giving you insight into patients' daily usage patterns.

### **REMstar Pro with C-Flex**

The REMstar Pro with C-Flex redefines top-of-the-line performance, aesthetics, and quiet operation. It adjusts to each and every breath to deliver the right amount of pressure relief throughout the night. Add features like Encore Pro SmartCard technology, on-board FOSO, automatic altitude compensation, and leak tolerance, and you can see why you'll want to experience this machine for yourself.

### **REMstar Auto**

The REMstar Auto is an ideal flow-based Smart CPAP for use in the lab or home. Its Proactive Algorithm looks for and adjusts to patients' needs based on optimal and critical pressure levels. And the new Encore Pro Software allows you to track events like snoring, elevated leak levels, and apnea/hypopnea. Add that to a host of other great patient features, and it's easy to see why REMstar Auto is easily the smartest Smart CPAP we make.

### **REMstar Heated Humidifier**

Designed as an integrated addition to our new REMstar family, this unique, tubeless platform brings heated humidification to a new level. Its clear, two-piece water chamber is easy to fill and is dishwasher safe. The humidifier controls are on the CPAP unit, and the Heated Humidifier plugs directly into the REMstar unit – so there is only one plug in the wall.

### **REMstar Pass-over Humidifier**

Building off of the popularity of our LX and Oasis humidifiers, this proven favorite has been redesigned to work more integrally with select REMstar CPAP systems, and now it's easier to open and fill.

## the specs

	REMstar Plus	REMstar Pro	REMstar Auto
PRESSURE RANGE	4 to 20 cm H <sub>2</sub> O	4 to 20 cm H <sub>2</sub> O	4 to 20 cm H <sub>2</sub> O
RAMP TIME	0 to 45 min. (5-min. increments)	0 to 45 min. (5-min. increments)	0 to 45 min. (5-min. increments – CPAP mode only)
STARTING RAMP PRESSURE	4 to CPAP; patient-adjustable	4 to CPAP; patient-adjustable	4 to CPAP; patient-adjustable (CPAP mode only)
DIMENSIONS	9.45" (l) x 6.69" (w) x 4.72" (h) 24 cm (l) x 17 cm (w) x 12 cm (h)	9.45" (l) x 6.69" (w) x 4.72" (h) 24 cm (l) x 17 cm (w) x 12 cm (h)	9.45" (l) x 6.69" (w) x 4.72" (h) 24 cm (l) x 17 cm (w) x 12 cm (h)
WEIGHT	<4 lbs (1.8 kg)	<4 lbs (1.8 kg)	<4 lbs (1.8 kg)
FILTERS	Pollen and optional ultra-fine	Pollen and optional ultra-fine	Pollen and optional ultra-fine
DEVICE SET-UP	On-board keypad	On-board keypad and SmartCard	On-board keypad and SmartCard
DATA STORAGE CAPACITY (minimum)	Therapy meter	9 months @ 3 usage sessions/day	6 months @ 3 usage sessions/day, 7-9 days in-depth data analysis
DATA STORAGE CONTENT	Total hours Usage sessions >4 hours	Date/time, duration at pressure, ramp usage, FOSQ tests, usage sessions >4 hours	Date/time, duration at pressure, patient event histograms, short-term detailed events, long-term trends, FOSQ tests, usage sessions >4 hrs
COMPLIANCE METER	True compliance	Breathing detection	Breathing detection
ALTITUDE COMPENSATION	Low, medium or high	Automatic	Automatic
ELECTRICAL REQUIREMENTS	100 – 240 AC, 12 VDC	100 – 240 AC, 12 VDC	100 – 240 AC, 12 VDC
DC POWER	Direct-connect cord	Direct-connect cord	Direct-connect cord
WARRANTY	2 years	2 years	2 years
MISC.	Integrated heated humidification control, lighted keys on pad, pressure calibration key	Integrated heated humidification control, lighted keys on pad, automatic on/off, mask off alert	Integrated heated humidification control, lighted keys on pad, automatic on/off, mask off alert

## the products

### CPAP Systems

	Part #
REMstar Plus (NORTH AMERICA)	1005960
REMstar Plus (INTERNATIONAL)	1005710
REMstar Pro with C-Flex (NORTH AMERICA)	1005961
REMstar Pro with C-Flex (INTERNATIONAL)	1006171
REMstar Auto (NORTH AMERICA)	1007381
REMstar Auto (INTERNATIONAL)	1007382

### Encore Pro Software and SmartCard

	Part #
ENCORE PRO SOFTWARE	1009583
ENCORE SHIELDED COMMUNICATIONS CABLE (6 ft/1.83 m)	1000814
ENCORE 9 TO 25 PIN CABLE ADAPTER	532348
SMARTCARD READER STATION (Incl: universal supply, 115 VAC cord, and interface cable. 220V cord sold separately.)	1003543
PACK OF SMARTCARDS (10 cards)	1003304
FOSQ CLINICAL REPRINT (Sleep, 20(10): 835-843)	1000141
FOSQ QUESTIONNAIRE, ENGLISH (Call Customer Service for other languages.)	1004550

### CPAP Accessories

	Part #
POLLEN FILTERS (Reusable; 2 per pack)	1005964
ULTRA-FINE FILTERS (Disposable; 2 per pack)	1005945
FILTER CAP	1008479
CARRYING CASE	1005965
DC ADAPTER CORD	1001956
SHIELDED DC CORD SYSTEM (Incl: shielded DC cord and battery adapter cable.)	1001979
REUSABLE PATIENT TUBING (6 ft (1.8 m), GRAY)	622038

### Humidifiers

	Part #
REMstar HEATED HUMIDIFIER	1005792
REMstar HEATED HUMIDIFIER CHAMBER (Replacement)	1008619
REMstar PASS-OVER HUMIDIFIER	1006087



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CAUTION: U.S. federal law restricts these devices to sale by or on the order of a physician.  
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SLEEP  
MANAGEMENT



CHRONIC RESPIRATORY  
MANAGEMENT



CARDIORESPIRATORY CARE



ASTHMA, ALLERGY &  
SINUSITIS MANAGEMENT



NEONATAL &  
INFANT CARE