



## DESIGNED TO DELIVER PERFORMANCE THROUGH THE AIR.

Introducing the new REMSTAR Auto M Series with A-Flex - an innovative comfort feature that can adjust air pressure based on patient's needs on every inhalation and exhalation, making breathing as easy as, well, breathing. Comfort of sleep therapy has just been brought to a next level.

**REMstar® Auto M Series with A-Flex™.**  
A Performer just got even better.



# A-FLEX: A NEW DIMENSION IN SLEEP THERAPY COMFORT.

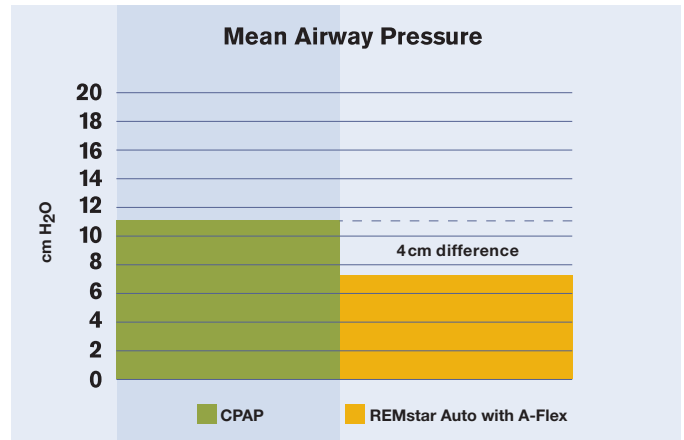
Delivered by our clinically proven auto algorithm that maintains effective therapy at minimal pressure, the REMStar Auto M Series with A-Flex represents an amazing new chapter in pressure therapy that can accommodate the patient's therapy needs due to changes in lifestyle or progression of disease state.

A-Flex technology utilizes our patented Digital Auto-Trak™ Sensitivity to distinguish between exhalation and inhalation. During exhalation, A-Flex provides variable expiratory pressure relief that is the same as our clinically proven C-Flex technology. During inhalation, A-Flex also provides inspiratory comfort that varies with the patient's pressure level. The result is a pressure pattern that matches the patient's entire breathing cycle. Like C-Flex, there are three patient-selectable A-Flex settings to make therapy more personal. All this boils down to a more enjoyable and effective therapy than the ordinary constant pressure therapy.

## CLINICAL STUDIES

A recent clinical study shows that A-Flex substantially improves the comfort of positive pressure therapy – patients preferred A-Flex over ordinary CPAP or even CPAP with C-Flex.<sup>1, 2</sup>

A clinical study also shows that REMstar Auto with A-Flex maintained effective therapy throughout the night while delivering a mean airway pressure of up to 4cm H<sub>2</sub>O lower than the mean airway pressure of fixed CPAP titration.<sup>1</sup>



Advancements to the Event Detection and Control Algorithm in Auto-Adjusting PAP Devices for the Treatment of OSA

1. Sukhdev Grover, MD; Sleep Center of Greater Pittsburgh, Pittsburgh, PA

2. Paul Wylie, MD; Arkansas Center for Sleep Medicine, Little Rock, AR

## PRODUCT SPECIFICATIONS

MODES OF OPERATION (five CPAP options)	CPAP, CPAP w/C-Flex, Auto-CPAP, Auto-CPAP w/C-Flex, Auto CPAP w/A-Flex
PRESSURE	4 to 20 cm H <sub>2</sub> O
RAMP TIME	0 to 45 min. (5-min. increments)
STARTING RAMP PRESSURE	4 to CPAP; patient-adjustable
DIMENSIONS	7.5" L x 5.0" W x 3.125" H 19 cm L x 12.7 cm W x 7.9 cm H
WEIGHT	2.2 lbs / 1kg
FILTERS	Pollen and optional ultra-fine
DEVICE SET-UP	LCD/keypad and SmartCard
DATA STORAGE CAPACITY (minimum)	Display: 7- and 30-day averages SmartCard: 6 months at 3 usage sessions per day, 7 days in-depth analysis
DATA STORAGE CONTENT	SmartCard: Date/time, hours of use, usage patterns, AHI, leak, snore, FOSQ usage sessions > 4 hours patterns, AHI, leak, snore, FOSQ
COMPLIANCE MONITORING	Breathing detection
ALTITUDE COMPENSATION	Automatic
ELECTRICAL REQUIREMENTS	100–240 VAC, 50/60 Hz
HUMIDIFICATION	Integrated Heated Humidifier and Pass-over Humidifier
DC POWER	Direct connect cord
WARRANTY	2 years
SPECIAL USER FEATURES	Lighted LEDs, auto on/off, mask off alert, patient reminders

## ORDERING INFORMATION

	PART #
REMSTAR AUTO w/A-FLEX with SMARTCARD (device only)	IN511S
REMSTAR AUTO w/A-FLEX with SMARTCARD (core package; includes humidifier)	IN511HS
<b>ACCESSORIES</b>	
POLLEN FILTERS	1029330
ULTRA-FINE FILTERS	1029331
CARRYING CASE	1022219
TRAVEL PACK	1028122
DC ADAPTER CORD	1001956
SHIELDED DC CORD SYSTEM (includes shielded DC cord and battery adapter cable)	1001979
REUSABLE PATIENT TUBING	622038
M SERIES HEATED HUMIDIFIER	1022256
M SERIES PASS-OVER HUMIDIFIER	1029091
M SERIES HUMIDIFIER CHAMBER (replacement)	1029533
<b>ENCORE® PRO SOFTWARE AND ENCORE® SMARTCARD®</b>	
ENCORE PRO SOFTWARE	1009583
ENCORE USB SMARTCARD READER/WRITER	1014352
PACK OF SMARTCARDS (10 cards)	1003304

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