CPAP specifications guide

System One sleep therapy platform

| System One | Modes | Comfort features | | System One humidity control | System One resistance control | Ramp (5-45 minutes) | Altitude adjustment |
		Flex comfort	Flex demo modes				
REMstar	Fixed CPAP	N/A	N/A	Standard	N/A	Adjustable	Manual
REMstar Plus	Fixed CPAP	C-Flex	CPAP C-Flex	Standard	N/A	Adjustable	Manual
REMstar Pro	Fixed CPAP	C-Flex C-Flex+	CPAP C-Flex C-Flex+	Standard	Standard	Adjustable	Automatic
REMstar Pro with AutoIQ	Fixed CPAP Auto-Trial Auto-Check	C-Flex C-Flex+ A-Flex	CPAP C-Flex C-Flex+ A-Flex	Standard	Standard	Adjustable	Automatic
REMstar Auto	Fixed CPAP Auto CPAP	C-Flex C-Flex+ A-Flex	CPAP C-Flex C-Flex+ A-Flex	Standard	Standard	Adjustable	Automatic

| System One | Encore patient management | | | | | | |
| | Data transfer modes | | | Data capture | | | |
	Phone-in EncorePro & EncoreAnywhere	SD card EncorePro & EncoreAnywhere	Modem EncoreAnywhere	Patterns of use	Advanced event detection and reporting	Advanced event response	Flow waveforms
REMstar	Hours of use VIC	Standard	Optional	Standard	N/A	N/A	N/A
REMstar Plus	Hours of use VIC	Standard	Optional	Standard	N/A	N/A	N/A
REMstar Pro	Hours of use VIC	Standard	Optional	Standard	AHI, FL, RERA, snore, leak, CA, OA, HY, PB	N/A	Standard
REMstar Pro with AutoIQ	Hours of use VIC	Standard	Optional	Standard	AHI, FL, RERA, snore, leak, CA, OA, HY, PB	FL, RERA, snore, leak, OA, HY	Standard
REMstar Auto	Hours of use VIC	Standard	Optional	Standard	AHI, FL, RERA, snore, leak, CA, OA, HY, PB	FL, RERA, snore, leak, OA, HY	Standard

Legend
AHI: Apnea Hypopnea Index
CA: Clear Airway Apnea
FL: Flow Limitation
HY: Hypopnea
OA: Obstructed Airway Apnea

PB: Periodic Breathing
RERA: Respiratory Effort Related Arousal
VIC: Visual Inspection Check

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Specifications		REMstar DS150S CA151S	REMstar Plus DS250S CA251S	REMstar Pro CA451S	REMstar Pro with AutoIQ DS450S	REMstar Auto DS550S CA551S
Pressure range:	4 to 20 cm H_2O	✓	✓	✓	✓	✓
Flex pressure relief:	Mode specific	N/A	✓	✓	✓	✓
Ramp time:	0 to 45 min. (5-min. increments)	✓	✓	✓	✓	✓
Starting ramp pressure:	4 to CPAP; patient-adjustable	✓	✓	✓	✓ (CPAP mode)	✓ (CPAP mode)
	4 to min. pressure	N/A	N/A	N/A	✓	✓
Dimensions:	7" L x 5.5" W x 4" H	✓	✓	✓	✓	✓
	18 cm L x 14 cm W x 10 cm H					
Weight:	3 lbs; 1.36 kg (without humidifier)	✓	✓	✓	✓	✓
Filters:	Foam and optional ultra-fine	✓	✓	✓	✓	✓
Device set-up:	LCD/control wheel/push button	✓	✓	✓	✓	✓
Data storage capacity (minimum):	Display: Compliance VIC 7- and 30-day averages, SD Card: >1 year On-board: up to 6 months	✓	✓	✓	✓	✓
Compliance meter:	Breathing detection	✓	✓	✓	✓	✓
Altitude compensation:	Automatic	N/A	N/A	✓	✓	✓
	Manual	✓	✓	N/A	N/A	N/A
Electrical requirements:	100 – 240 VAC, 50/60 Hz	✓	✓	✓	✓	✓
Humidification:	Integrates with REMstar System One heated humidifier	✓	✓	✓	✓	✓
Warranty:	Two years; replace with new	✓	✓	✓	✓	✓
Miscellaneous:	Fine pressure calibration	✓	✓	N/A	N/A	N/A
	Lighted LEDs	✓	✓	✓	✓	✓

Ordering information

Devices

Devices	Part number US/CAN	Canada
REMstar with humidifier, SD card	DS150HS	CA151HS
REMstar with SD card	DS150S	CA151S
REMstar Plus with humidifier, SD card	DS250HS	CA251HS
REMstar Plus with SD card	DS250S	CA251S
REMstar Pro with humidifier, SD card		CA451HS
REMstar Pro with SD card		CA451S
REMstar Pro with AutoIQ, with humidifier, SD card	DS450HS	
REMstar Pro with AutoIQ, with SD card	DS450S	
REMstar Auto with humidifier, SD card	DS550HS	CA551HS
REMstar Auto with SD card	DS550S	CA551S

Accessories

Accessories	Part number
System One Performance Tube 15 (15 mm)	1074400
Device side panel	1063784
Water chamber	1063785
Power supply	1063786
Carrying case	1063857
Power cord	1005894

Ordering information

Accessories

Accessories	Part number US/CAN	Canada
Foam filter kit	1063091	
Ultra-fine filter kit	1063096	
System One heated humidifier	1056209	1056210

Data management accessories

Data management accessories	Part number
SD card (10 pack)	1063859
SD card mailer (10 pack)	1065146
SD card cover (attached to device)	1063858
SD card reader	1073915
Wired flow modem	100200W
Wired flow modem monthly service	100201W
Wireless flow modem	100200C
Wireless flow modem monthly service	100201C

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