

# System One comparison guides

## Device selection guide

System One	Modes	Comfort features		Encore data capture and reporting			Reimbursement
		Flex comfort	System One Resistance Control	Patterns of use	Advanced event detection	Flow waveform	
<b>CPAP devices</b>							
REMstar Auto	CPAP	C-Flex	Standard	Standard	Standard	Standard	E0601
	CPAP-Check	C-Flex+					
	Auto-Trial	A-Flex					
	Auto CPAP						
REMstar Pro	CPAP	C-Flex	Standard	Standard	Standard	Standard	E0601
	CPAP-Check	C-Flex+					
	Auto-Trial	A-Flex					
REMstar Plus	CPAP	C-Flex	N/A	Standard	N/A	N/A	E0601
<b>Bi-level devices</b>							
BiPAP Auto	CPAP	C-Flex	Standard	Standard	Standard	Standard	RAD without back-up rate E0470
	Bi-level	Bi-Flex					
	Auto bi-level						
BiPAP Pro	CPAP	C-Flex	Standard	Standard	Standard	Standard	RAD without back-up rate E0470
	Bi-level	Bi-Flex					
<b>Ventilatory devices</b>							
BiPAP autoSV Advanced	Auto servo	Bi-Flex	Standard	Standard	Standard	Standard	RAD with back-up rate E0471
BiPAP AVAPS	CPAP, S, S/T, PC, T	AVAPS Bi-Flex	N/A	Standard	Standard	N/A	RAD with back-up rate E0471
	CPAP, S, S/T	Bi-Flex	N/A	Standard	Standard	N/A	
BiPAP S/T	CPAP, S, S/T	Bi-Flex	N/A	Standard	Standard	N/A	RAD with back-up rate E0471

### Advanced event detection:

Patient events are detected and logged for review by the care team for optimal patient care.



### Philips Resironics devices with advanced event detection detect, respond to (some models), and log the following advanced events:

- Apnea Hypopnea Index (AHI)
- Snore
- Leak
- Obstructive airway apnea (OA)
- Clear airway apnea (CA)
- Hypopnea (H)
- Respiratory-related arousal (RERA)
- Flow limitation (FL)
- Vibratory snore (VS)
- Large leak (LL)
- Periodic breathing (PB)

Any Philips Resironics device with advanced event detection gives you the ability to review the patient flow waveform report.

# Matching patients with the right therapy and products

Therapy type	CPAP	Auto-CPAP	Bi-level without back-up rate	Auto Bi-level	Servo-ventilation	Bi-level with back-up rate
Therapy system	REMstar Plus with C-Flex DS260 (S, HS, TS) <sup>1</sup> CA261 (S, HS, TS) <sup>1</sup> (Canada)	REMstar Auto with A-Flex DS560 (S, HS, TS) <sup>1</sup> CA561 (S, HS, TS) <sup>1</sup> (Canada)	BiPAP Pro with Bi-Flex DS660 (S, HS, TS) <sup>1</sup> CA661 (S, HS, TS) <sup>1</sup> (Canada)	BiPAP Auto with Bi-Flex DS760 (S, HS, TS) <sup>1</sup> CA761 (S, HS, TS) <sup>1</sup> (Canada)	BiPAP autoSV Advanced System One DS960 (S, HS, TS) <sup>1</sup> CA961 (S, HS, TS) <sup>1</sup> (Canada)	BiPAP AVAPS 1060485 device 1061418 core CA1060486 device (Canada) CA1061419 core (Canada)  BiPAP S/T 1061420 device 1061422 core CA1061421 device (Canada) CA1061423 core (Canada)
Target	OSA patients  Short-term Auto patients <sup>2</sup>  Home sleep testing patients <sup>2</sup>	OSA patients  Short-term Auto patients <sup>2</sup>  Home sleep testing patients <sup>2</sup>	OSA patients  OSA patients non-responsive or non-tolerant of CPAP	OSA patients  OSA patients non-responsive or non-tolerant of CPAP	OSA and respiratory insufficiency patients with central apnea, periodic breathing such as Cheyne-Stokes respiration (CSR), or complex apnea	OSA and respiratory insufficiency patients with hypoventilation caused by restrictive thoracic disorders, obesity hypoventilation syndrome, central apnea, and COPD  Pediatric and adult use  AVAPS, C-Flex, and Bi-Flex features are not cleared for pediatric use
Algorithm	<ul style="list-style-type: none"> <li>C-Flex and C-Flex+ provide pressure relief at beginning of exhalation</li> <li>Three patient-adjustable Flex settings</li> <li>Fixed CPAP pressure</li> <li>Trial period of breath-by-breath auto algorithm CPAP-Check algorithm<sup>2</sup></li> </ul>	<ul style="list-style-type: none"> <li>Flow-based proactive and reactive intelligence</li> <li>Delivers lowest mean average pressure levels</li> <li>Flow-based A-Flex pressure relief during inspiratory and expiratory phases</li> <li>Three patient-adjustable Flex settings</li> </ul>	<ul style="list-style-type: none"> <li>Fixed IPAP and EPAP pressures</li> <li>Flow-based Bi-Flex pressure relief during inspiratory and expiratory phases</li> <li>Three patient-adjustable Flex settings</li> </ul>	<ul style="list-style-type: none"> <li>Flow-based proactive and reactive intelligence</li> <li>Delivers lowest mean average pressure levels</li> <li>Flow-based Bi-Flex pressure relief during inspiratory and expiratory phases</li> <li>Three patient-adjustable Flex settings</li> </ul>	<ul style="list-style-type: none"> <li>Dynamic, breath-by-breath adjustment of pressure support</li> <li>Peak flow targeted</li> <li>Intra-breath support</li> <li>Auto-titrating EPAP to alleviate the obstructive component of SDB</li> <li>Automatically calculated back-up rate in times of apnea</li> </ul>	<ul style="list-style-type: none"> <li>Average volume assured pressure support (AVAPS)</li> <li>Maintains target Vt</li> <li>Slow adjustment over time (≤1 cm H<sub>2</sub>O per min.)</li> <li>Modes: CPAP, S, S/T, T, PC</li> <li>Three patient-adjustable Bi-Flex settings</li> </ul>
Settings	Fixed CPAP 4-20 cm Ramp time 0-45 min Flex settings 1,2,3 System One Humidity Control 0-5 Classic Humidity Control C1-C5 Heated Tube Humidification Tube Temperature 1-5 Humidity level 1,2,3	Min CPAP 4-20 cm Max CPAP 4-20 cm Ramp time 0-45 min Flex settings 1,2,3 System One Humidity Control 0-5 Classic Humidity Control C1-C5 Heated Tube Humidification Tube Temperature 1-5 Humidity level 1,2,3	EPAP 4-25 cm IPAP 4-25 cm Ramp time 0-45 min Flex settings 1,2,3 System One Humidity Control 0-5 Classic Humidity Control C1-C5 Heated Tube Humidification Tube Temperature 1-5 Humidity level 1,2,3	EPAP 4-25 cm IPAP 4-25 cm Ramp time 0-45 min Flex settings 1,2,3 System One Humidity Control 0-5 Classic Humidity Control C1-C5 Heated Tube Humidification Tube Temperature 1-5 Humidity level 1,2,3	EPAP <sub>min</sub> 4-25 cm <sup>4</sup> EPAP <sub>max</sub> 4-25 cm <sup>4</sup> PS <sub>min</sub> 0-21 cm PS <sub>max</sub> 0-21 cm Max pressure 4-25 cm Breath rate (Off/Auto, 4-30 BPM) Rise time 0-3 Ramp time 0-45 min Flex settings 1,2,3 System One Humidity Control 0-5 Classic Humidity Control C1-C5	EPAP 4-25 cm IPAP 4-25 cm I-Time 0.5-3.0 sec, off Breath rate 1-30 BPM, off Rise time 1-3 Flex settings 1,2,3 Target Vt <sup>2</sup> 200-1500 ml IPAP <sub>min</sub> <sup>3</sup> EPAP-IPAP <sub>max</sub> IPAP <sub>max</sub> <sup>3</sup> 4-25 cm System One Humidity Control 0-5 Classic Humidity Control C1-C5

<sup>1</sup> S = SD card capable

HS = System One humidifier and SD card capable

TS = System One Heated Tube humidifier and SD card capable

<sup>2</sup> REMstar Pro and Auto only

<sup>3</sup> AVAPS

<sup>4</sup> CA951 range is 4-20 cm.



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+33 1 47 28 30 82  
Philips Respiroics Asia Pacific  
+65 6882 5282

Philips Respiroics Australia  
+61 (2) 9947 0440  
Philips Respiroics United Kingdom  
+44 800 1300 845

Philips Respiroics  
1010 Murry Ridge Lane  
Murrysville, PA 15668

Customer Service  
+1 724 387 4000  
800 345 6443 (toll free, US only)  
www.philips.com/respiroics



System One  
Sleep Therapy Systems

Category: CPAP

**REMstar Plus**



DS260S REMstar Plus C-Flex  
DS260HS REMstar Plus C-Flex  
with humidifier  
DS260TS REMstar Plus C-Flex  
with Heated Tube  
humidifier

## A proven CPAP sleep therapy device with C-Flex pressure relief

**System One REMstar Plus** offers the revolutionary comfort of C-Flex with patterns of use data reporting to help meet your patients' compliance needs. At the same time, REMstar Plus includes virtually all of the features and programs that make System One the most prescribed sleep therapy system by US sleep centers.

### System One features

- C-Flex for comfort
- Oximetry module
- On-board memory
- Encore patient management system
- SD card and wired, wireless, and broadband modem capable

### Humidification

- System One humidification control
- Pre-heat humidifier option
- Heated Tube humidifier option

### Programs

- Flex Promise program
- Bi-level Rescue program
- System "One-Touch" program
- Partners in Compliance Management

### REMstar Plus advantages

- CPAP mode
- C-Flex for comfort
- Patterns of use data reporting
- Modem and SD card capable
- Optional, integrated oximetry available
- Heated Tube option

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# REMstar Plus specifications

	Comfort features	Encore data capture and reporting	
Modes	Flex comfort	Patterns of use	Reimbursement
CPAP	C-Flex	Standard	E0601

Specifications	
Pressure range	4-20 cm H <sub>2</sub> O
Flex pressure relief	0 to 3
Ramp time	0 to 45 min (5-min increments)
Starting ramp pressure	4 to CPAP; patient adjustable
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, 1-, 7- and 30-day averages SD card > 1 year On-board: up to 6 months
Compliance meter	Breathing detection
Altitude compensation	Manual
Electrical requirements	100-240 VAC, 50/60 Hz
Humidification	Integrates with System One 60 Series heated humidifier and System One 60 Series Heated Tube humidifier
Warranty	Two years (US only)
Miscellaneous	Fine pressure calibration

Sleep therapy accessories	
Humidification	Part number
System One 60 Series humidifier	DS6H
System One 60 Series Heated Tube humidifier	DS6T
Water chamber (includes both 50 and 60 Series lids)	1063785
Heated Tube humidifier upgrade kit	6T-CONVKIT
Tubing	Part number
System One Heated Tube	SYS1HT15
System One Performance Tube (15mm)	1074400
Performance Tubing (22mm)	1032907
Filters	Part number
Pollen (foam) filter, reusable (1/pack)	1035443
Pollen (foam) filter, reusable (2/pack)	1029330
Ultra-fine filter, disposable (1/pack)	1063096
Ultra-fine filter, disposable (2/pack)	1035442
Ultra-fine filter, disposable (6/pack)	1029331
Accessories	Part number
Device side panel	1099592
Carrying case	1063857



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Philips Respironics Asia Pacific  
+65 6882 5282  
Philips Respironics Australia  
+61 (2) 9947 0440  
Philips Respironics United Kingdom  
+44 800 1300 845

Philips Respironics  
1010 Murry Ridge Lane  
Murrysville, PA 15668

Customer Service  
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System One  
Sleep Therapy Systems

Category: CPAP

## REMstar Pro



DS460S REMstar Pro C-Flex+  
DS460HS REMstar Pro C-Flex+  
with humidifier  
DS460TS REMstar Pro C-Flex+  
with Heated Tube  
humidifier

## Your home sleep testing and long-term CPAP solution

With **System One REMstar Pro** you now have the ability to assess your home sleep testing patients' CPAP prescription in Auto-Trial mode. **Auto-Trial mode** and **CPAP-Check mode** were designed to optimize pressure settings, while providing the long-term benefits of fixed CPAP therapy. At the same time, REMstar Pro includes virtually all of the features and programs that make System One the most prescribed sleep therapy system by US sleep centers.

### System One features

- Advanced event detection
- C-Flex+ for comfort
- System One Resistance Control
- Mask fit check
- Waveform reports
- Oximetry module
- On-board memory
- Encore patient management system
- SD card and wired, wireless, and broadband modem capable

### Humidification

- System One humidification control
- Pre-heat humidifier option
- Heated Tube humidifier option

### Programs

- Flex Promise program
- Bi-level Rescue program
- System "One-Touch" program
- Partners in Compliance Management

### REMstar Pro advantages

- CPAP, CPAP-Check, Auto-Trial modes
- C-Flex+ for comfort
- Advanced event detection
- Modem and SD card capable
- Optional, integrated oximetry available
- Heated Tube option

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# REMstar Pro specifications

Modes	Comfort features		Encore data capture and reporting			Reimbursement
	Flex comfort	System One Resistance Control	Patterns of use	Advanced event detection*	Flow waveform	
CPAP	C-Flex	Standard	Standard	Standard	Standard	E0601
CPAP-Check	C-Flex+					
Auto-Trial	A-Flex					

\*Philips Respironics devices with advanced event detection detect, respond to (some models), and log these advanced events: Apnea Hypopnea Index (AHI), respiratory-related arousal (RERA), snore, flow limitation (FL), leak, vibratory snore (VS), obstructive airway apnea (OA), large leak (LL), clear airway apnea (CA), periodic breathing (PB), and hypopnea (H).

Specifications	
Pressure range	4-20 cm H <sub>2</sub> O
Flex pressure relief	0 to 3
Ramp time	0 to 45 min (5-min increments)
Starting ramp pressure	4 to CPAP; patient adjustable (CPAP mode) 4 to min pressure (Auto mode)
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, 1-, 7- and 30-day averages SD card > 1 year On-board: up to 6 months
Compliance meter	Breathing detection
Altitude compensation	Automatic
Electrical requirements	100-240 VAC, 50/60 Hz
Humidification	Integrates with System One 60 Series heated humidifier and System One 60 Series Heated Tube humidifier
Warranty	Two years (US only)
Miscellaneous	Lighted LEDs

Sleep therapy accessories	
<b>Humidification</b>	<b>Part number</b>
System One 60 Series humidifier	DS6H
System One 60 Series Heated Tube humidifier	DS6T
Water chamber (includes both 50 and 60 Series lids)	1063785
Heated Tube humidifier upgrade kit	6T-CONVKIT
<b>Tubing</b>	<b>Part number</b>
System One Heated Tube	SYS1HT15
System One Performance Tube (15mm)	1074400
Performance Tubing (22mm)	1032907
<b>Filters</b>	<b>Part number</b>
Pollen (foam) filter, reusable (1/pack)	1035443
Pollen (foam) filter, reusable (2/pack)	1029330
Ultra-fine filter, disposable (1/pack)	1063096
Ultra-fine filter, disposable (2/pack)	1035442
Ultra-fine filter, disposable (6/pack)	1029331
<b>Accessories</b>	<b>Part number</b>
Device side panel	1099592
Carrying case	1063857



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System One  
Sleep Therapy Systems

Category: CPAP

## REMstar Auto



DS560S REMstar Auto A-Flex  
DS560HS REMstar Auto A-Flex  
with humidifier  
DS560TS REMstar Auto A-Flex  
with Heated Tube  
humidifier

# Optimizing CPAP prescription pressures at home

With **System One REMstar Auto** you now have the ability to optimize pressure settings for your patients, while continuing to monitor advanced events and essential compliance data for patients' long-term success. At the same time, REMstar Auto includes virtually all of the features and programs that make System One the most prescribed sleep therapy system by US sleep centers.

### System One features

- Advanced event detection
- Opti-Start feature
- A-Flex for comfort
- System One Resistance Control
- Mask fit check
- Waveform reports
- Oximetry module
- On-board memory
- Smart ramp
- Encore patient management system
- SD card and wired, wireless, and broadband modem capable

### Humidification

- System One humidification control
- Pre-heat humidifier option
- Heated Tube humidifier option

### Programs

- Flex Promise program
- Bi-level Rescue program
- System "One-Touch" program
- Partners in Compliance Management

### REMstar Auto advantages

- CPAP, Auto, CPAP-Check, Auto-Trial modes
- A-Flex for comfort
- Opti-Start technology
- Advanced event detection
- Modem and SD card capable
- Optional, integrated oximetry available
- Heated Tube option

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# REMstar Auto specifications

Modes	Comfort features		Encore data capture and reporting			Reimbursement
	Flex comfort	System One Resistance Control	Patterns of use	Advanced event detection*	Flow waveform	
CPAP	C-Flex	Standard	Standard	Standard	Standard	E0601
CPAP-Check	C-Flex+					
Auto-Trial	A-Flex					
Auto CPAP						

\*Philips Respironics devices with advanced event detection detect, respond to (some models), and log these advanced events: Apnea Hypopnea Index (AHI), respiratory-related arousal (RERA), snore, flow limitation (FL), leak, vibratory snore (VS), obstructive airway apnea (OA), large leak (LL), clear airway apnea (CA), periodic breathing (PB), and hypopnea (H).

Specifications	
Pressure range	4-20 cm H <sub>2</sub> O
Flex pressure relief	0 to 3
Ramp time	0 to 45 min (5-min increments)
Starting ramp pressure	4 to CPAP; patient adjustable (CPAP mode) 4 to min pressure (Auto mode)
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, 1-, 7- and 30-day averages SD card > 1 year On-board: up to 6 months
Compliance meter	Breathing detection
Altitude compensation	Automatic
Electrical requirements	100-240 VAC, 50/60 Hz
Humidification	Integrates with System One 60 Series heated humidifier and System One 60 Series Heated Tube humidifier
Warranty	Two years (US only)
Miscellaneous	Lighted LEDs

Sleep therapy accessories	
<b>Humidification</b>	<b>Part number</b>
System One 60 Series humidifier	DS6H
System One 60 Series Heated Tube humidifier	DS6T
Water chamber (includes both 50 and 60 Series lids)	1063785
Heated Tube humidifier upgrade kit	6T-CONVKIT
<b>Tubing</b>	<b>Part number</b>
System One Heated Tube	SYS1HT15
System One Performance Tube (15mm)	1074400
Performance Tubing (22mm)	1032907
<b>Filters</b>	<b>Part number</b>
Pollen (foam) filter, reusable (1/pack)	1035443
Pollen (foam) filter, reusable (2/pack)	1029330
Ultra-fine filter, disposable (1/pack)	1063096
Ultra-fine filter, disposable (2/pack)	1035442
Ultra-fine filter, disposable (6/pack)	1029331
<b>Accessories</b>	<b>Part number</b>
Device side panel	1099592
Carrying case	1063857



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Philips Respironics Australia  
+61 (2) 9947 0440  
Philips Respironics United Kingdom  
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Philips Respironics  
1010 Murry Ridge Lane  
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System One  
Sleep Therapy Systems

Category: Bi-level

**BiPAP Auto**



DS760S BiPAP Auto Bi-Flex  
DS760HS BiPAP Auto Bi-Flex  
with humidifier  
DS760TS BiPAP Auto Bi-Flex  
with Heated Tube  
humidifier

## Therapy for your noncompliant, nontolerant CPAP patients

Philips Respironics revolutionized sleep therapy by introducing bi-level positive airway pressure technology to treat obstructive sleep apnea. Emulating natural breathing with pressure relief at inhalation and exhalation, this proven technology does more than provide highly effective therapy – it delivers a level of comfort that can mean the difference between compliance and noncompliance for patients having difficulty adapting to traditional CPAP therapy. At the same time, **BiPAP Auto** includes virtually all of the features and programs that make System One the most prescribed sleep therapy system by US sleep centers.

### System One features

- Advanced event detection
- Bi-Flex for comfort
- System One Resistance Control
- Mask fit check
- Waveform reports
- Oximetry module
- On-board memory
- Smart ramp
- Encore patient management system
- SD card and wired, wireless, and broadband modem capable

### Humidification

- System One humidification control
- Pre-heat humidifier option
- Heated Tube humidifier option

### Programs

- Flex Promise program
- Bi-level Rescue program
- System “One-Touch” program
- Partners in Compliance Management

### BiPAP Auto advantages

- CPAP, fixed bi-level, auto bi-level modes
- Adjustable P<sub>S</sub>min
- Bi-Flex for comfort
- Advanced event detection
- Modem and SD card capable
- Optional, integrated oximetry available
- Heated Tube option

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# BiPAP Auto specifications

Modes	Comfort features		Encore data capture and reporting			Reimbursement
	Flex comfort	System One Resistance Control	Patterns of use	Advanced event detection*	Flow waveform	
CPAP	C-Flex	Standard	Standard	Standard	Standard	RAD without
Bi-level	Bi-Flex					back-up rate
Auto bi-level						E0470

\*Philips Respironics devices with advanced event detection detect, respond to (some models), and log these advanced events: Apnea Hypopnea Index (AHI), respiratory-related arousal (RERA), snore, flow limitation (FL), leak, vibratory snore (VS), obstructive airway apnea (OA), large leak (LL), clear airway apnea (CA), periodic breathing (PB), and hypopnea (H).

Specifications	
Pressure range	4-25 cm H <sub>2</sub> O
Flex pressure relief	0 to 3
Ramp time	0 to 45 min (5-min increments)
Starting ramp pressure	4 to EPAPmin; patient adjustable 4 to min EPAP pressure (Auto mode)
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, 1-, 7- and 30-day averages SD card > 1 year On-board: up to 6 months
Compliance meter	Breathing detection
Altitude compensation	Automatic
Electrical requirements	100-240 VAC, 50/60 Hz
Humidification	Integrates with System One 60 Series heated humidifier and System One 60 Series Heated Tube humidifier
Warranty	Two years (US only)
Miscellaneous	Lighted LEDs

Sleep therapy accessories	
Humidification	Part number
System One 60 Series humidifier	DS6H
System One 60 Series Heated Tube humidifier	DS6T
Water chamber (includes both 50 and 60 Series lids)	1063785
Heated Tube humidifier upgrade kit	6T-CONVKIT
Tubing	Part number
System One Heated Tube	SYS1HT15
System One Performance Tube (15mm)	1074400
Performance Tubing (22mm)	1032907
Filters	Part number
Pollen (foam) filter, reusable (1/pack)	1035443
Pollen (foam) filter, reusable (2/pack)	1029330
Ultra-fine filter, disposable (1/pack)	1063096
Ultra-fine filter, disposable (2/pack)	1035442
Ultra-fine filter, disposable (6/pack)	1029331
Accessories	Part number
Device side panel	1099592
Carrying case	1063857



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Philips Respironics International Headquarters  
+33 1 47 28 30 82  
Philips Respironics Asia Pacific  
+65 6882 5282  
Philips Respironics Australia  
+61 (2) 9947 0440  
Philips Respironics United Kingdom  
+44 800 1300 845

Philips Respironics  
1010 Murry Ridge Lane  
Murrysville, PA 15668

Customer Service  
+1 724 387 4000  
800 345 6443 (toll free, US only)  
[www.philips.com/respironics](http://www.philips.com/respironics)



## The market-leading servo ventilation device

The **BiPAP autoSV Advanced system** helps you support optimal patient management – for patients with Complex Sleep Apnea or Periodic Breathing (such as Cheyne-Stokes respiration). It also includes virtually all of the features and programs that make System One the most prescribed sleep therapy system by US sleep centers.

### System One features

- Advanced event detection
- Bi-Flex for comfort
- System One Resistance Control
- Waveform reports
- Oximetry module
- On-board memory
- Smart ramp
- Encore patient management system
- SD card and wired, wireless, and broadband modem capable

### Humidification

- System One humidification control
- Pre-heat humidifier option
- Heated Tube humidifier option

### Programs

- Flex Promise program
- Bi-level Rescue program
- System “One-Touch” program
- Partners in Compliance Management

System One  
Sleep Therapy Systems

Category: Advanced

## BiPAP autoSV Advanced



- DS960S BiPAP autoSV Advanced
- DS960HS BiPAP autoSV Advanced with humidifier
- DS960TS BiPAP autoSV Advanced with Heated Tube humidifier

### BiPAP autoSV Advanced advantages

- Clinically-proven servo ventilation algorithm
- Auto EPAP for a patient's changing needs
- Real-time access to patient data via modems
- Advanced event detection
- Bi-Flex for comfort
- Encore data management and reporting
- New patient waveform reports
- Optional integrated oximetry available
- Heated tube option available

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# BiPAP autoSV Advanced specifications

Modes	Comfort features		Encore data capture and reporting			Reimbursement
	Flex comfort	System One Resistance Control	Patterns of use	Advanced event detection*	Flow waveform	
Auto servo	Bi-Flex	Standard	Standard	Standard	Standard	RAD with back-up rate E0471

\*Philips Respironics devices with advanced event detection detect, respond to (some models), and log these advanced events: Apnea Hypopnea Index (AHI), respiratory-related arousal (RERA), snore, flow limitation (FL), leak, vibratory snore (VS), obstructive airway apnea (OA), large leak (LL), clear airway apnea (CA), periodic breathing (PB), and hypopnea (H).

Specifications	
Pressure range	EPAP 4-25 cm H <sub>2</sub> O IPAP 4-25 cm H <sub>2</sub> O
Flex pressure relief	0 to 3
Ramp time	0 to 45 min (5-min increments)
Starting ramp pressure	4 to EPAPmin; patient adjustable
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, 1-, 7- and 30-day averages SD card > 1 year On-board: up to 6 months
Compliance meter	Breathing detection
Altitude compensation	Automatic
Electrical requirements	100-240 VAC, 50/60 Hz
Humidification	Integrates with System One 60 Series heated humidifier and System One 60 Series Heated Tube humidifier
Warranty	Two years (US only)
Miscellaneous	Lighted LEDs

Sleep therapy accessories	
<b>Humidification</b>	<b>Part number</b>
System One 60 Series humidifier	DS6H
System One 60 Series Heated Tube humidifier	DS6T
Water chamber (includes both 50 and 60 Series lids)	1063785
Heated Tube humidifier upgrade kit	6T-CONVKIT
<b>Tubing</b>	<b>Part number</b>
System One Heated Tube	SYS1HT15
System One Performance Tube (15mm)	1074400
Performance Tubing (22mm)	1032907
<b>Filters</b>	<b>Part number</b>
Pollen (foam) filter, reusable (1/pack)	1035443
Pollen (foam) filter, reusable (2/pack)	1029330
Ultra-fine filter, disposable (1/pack)	1063096
Ultra-fine filter, disposable (2/pack)	1035442
Ultra-fine filter, disposable (6/pack)	1029331
<b>Accessories</b>	<b>Part number</b>
Device side panel	1099592
Carrying case	1063857



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Philips Respironics International Headquarters  
+33 1 47 28 30 82  
Philips Respironics Asia Pacific  
+65 6882 5282  
Philips Respironics Australia  
+61 (2) 9947 0440  
Philips Respironics United Kingdom  
+44 800 1300 845

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+1 724 387 4000  
800 345 6443 (toll free, US only)  
[www.philips.com/respironics](http://www.philips.com/respironics)