

BiPAP system specifications guide

Philips Respironics Sleep Therapy System

Respironics revolutionized the sleep industry by exclusively developing bi-level positive airway pressure technology to treat obstructive sleep apnea. By emulating natural breathing with pressure relief at inhalation and exhalation, this time-proven technology provides much more than highly effective therapy; it provides a level of comfort that can mean the difference between compliance success or failure for those who have difficulty adapting to traditional CPAP therapy. As part of the Philips Respironics Sleep Therapy System, the bi-level technology in our BiPAP Auto and BiPAP Pro devices adds another level of intelligence to our most advanced system ever.



BiPAP M Series	Philips Respironics Sleep Therapy System	Modes	Comfort features				Ramp (5-45 minutes)	Altitude adjustment
			Flex comfort	Flex demo modes	System One humidity control	System One resistance control		
BiPAP Plus M Series	BiPAP Pro	Fixed bi-level	Bi-Flex	BiPAP Bi-Flex	Standard	Standard	Adjustable	Automatic
BiPAP Auto M Series	BiPAP Auto	Fixed bi-level Auto bi-level	Bi-Flex	BiPAP Bi-Flex	Standard	Standard	Adjustable	Automatic

Philips Respironics Sleep Therapy System	Encore patient management						
	Data transfer modes			Data capture			
	Phone-in EncorePro 2 & EncoreAnywhere	SD card EncorePro 2 & EncoreAnywhere	Modem EncoreAnywhere	Patterns of use	Advanced event detection and reporting	Advanced event response	Flow waveforms
BiPAP Pro	Hours of use VIC	Standard	Optional	Standard	AHI, FL, RERA, snore, leak, CA, OA, HY, PB	N/A	Standard
BiPAP 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



Specifications		BiPAP Pro DS650S CA651S	BiPAP Auto DS750S CA751S
Pressure range:	4 to 25 cm H ₂ O	✓	✓
Flex pressure relief:	Bi-Flex	✓	✓
Ramp time:	0 to 45 min. (5-min. increments)	✓	✓
Starting ramp pressure:	4 to EPAP; patient-adjustable 4 to min. EPAP pressure	✓ 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	✓	✓
Electrical requirements:	100 – 240 VAC, 50/60 Hz	✓	✓
Humidification:	Integrates with System One heated humidifier and pass-over humidifier	✓	✓
Warranty:	Two years; replace with new	✓	✓
Miscellaneous:	Lighted LEDs	✓	✓

Ordering information			Ordering information		
Devices	Part number US	Canada	Accessories	Part number US	Canada
BiPAP Pro with humidifier, SD card, Bi-Flex	DS650HS	CA651HS	Foam filter kit	1063091	
BiPAP Pro with SD card, Bi-Flex	DS650S	CA651S	Ultra-fine filter kit	1063096	
BiPAP Auto with humidifier, SD card, Bi-Flex	DS750HS	CA751HS	System One heated humidifier	1056209	1056210
BiPAP Auto with SD card, Bi-Flex	DS750S	CA751S			
Accessories	Part number		Data management accessories	Part number	
Device side panel	1063784		SD card (10 pack)	1063859	
Water chamber	1063785		SD card mailer (10 pack)	1065146	
Power supply	1063786		SD card cover (attached to device)	1063858	
Carrying case	1063857		SD card reader	1047300	
Power cord US/CAN	1005894		Wired flow modem	100200W	
			Wired flow modem monthly service	100201W	
			Wireless flow modem	100200C	
			Wireless flow modem monthly service	100201C	

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CAUTION: US federal law restricts these devices to sale by or on the order of a physician.

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