

BiPAP system specifications guide

System One sleep therapy platform

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.

As part of the System One sleep therapy platform, the bi-level technology in our BiPAP Auto and BiPAP Pro devices adds an additional level of intelligence to the industry's most advanced system. And the System One

advancements continue with remote switching between bi-level and CPAP modes, increased humidity output and control, and dramatically reduced noise levels.



		Comfort features					
System One	Modes	Flex comfort	Flex demo modes	System One humidity control	System One resistance control	Ramp (5-45 minutes)	Altitude adjustment
BiPAP Pro	CPAP Fixed bi-level	Bi-Flex	BiPAP Bi-Flex	Standard	Standard	Adjustable	Automatic
BiPAP Auto	CPAP Fixed bi-level Auto bi-level	Bi-Flex	BiPAP Bi-Flex	Standard	Standard	Adjustable	Automatic

		Encore patient management					
		Data transfer modes			Data capture		
System One	Phone-in EncorePro 2	SD card EncorePro 2	Patterns of use	Advanced event detection and reporting	Advanced event response	Flow waveforms	
BiPAP Pro	Hours of use	Standard	Standard	AHI, FL, RERA, snore, leak, CA, OA, HY, PB	N/A	Standard	
BiPAP Auto	Hours of use	Standard	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

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Specifications		BiPAP Pro IN651S	BiPAP Auto IN751S
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: 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		
Devices	Part number International	Australia
BiPAP Pro with humidifier, SD card, Bi-Flex	IN651HS	AU651HS
BiPAP Pro with SD card, Bi-Flex	IN651S	AU651S
BiPAP Auto with humidifier, SD card, Bi-Flex	IN751HS	AU751HS
BiPAP Auto with SD card, Bi-Flex	IN751S	AU751S
Accessories	Part number	
System One Performance Tube 15 (15 mm)	1074400	
System One Performance Tube 22 (22 mm)	1032907	
Device side panel	1063784	
Water chamber	1063785	
Power supply	1063786	
Carrying case	1063857	
Power cord	1005894	

Ordering information	
Accessories	Part number
Foam filter kit	1063091
Ultra-fine filter kit	1063096
System One heated humidifier	1056209
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
Power cords (5ft, 1.5m)	Part number
Power cord: Australia	1039012
Power cord: Europe	1039014
Power cord: India	1039013
Power cord: Japan	1039027
Power cord: UK	1039026

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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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