POSITIVE AIRWAY PRESSURE SYSTEMS

Company	3B Medical Inc	Drive DeVilbiss Healthcare	Fisher & Paykel Healthcare	Human Design Medical, LLC
Product	Luna CPAP & Auto-CPAP	IntelliPAP AutoAdjust	ICON+ Series	The Z1 Auto
Website	www.3Bproducts.com	www.drivemedical.com	www.fphcare.com	www.smallcpap.com
Warranty (years)	2	3	2	3
Operating Modes — CPAP	Yes	Yes	Yes	Yes
Operating Modes — APAP	Yes	Yes	Yes	Yes
Operating Modes — Bilevel	No	No	No	No
Operating Modes — Auto-adjusting Bilevel	No	No	No	No
Pressure Relief	Yes	Yes	Yes	Yes
Dimensions (cm)	17 x 19 x 11	10.7 x 16.5 x 17.5	16 x 17 x 22	16.5 x 8.3 x 5.1
Weight (kg)	1.5	1.22	2.2	0.28
Noise Level (dBa)	28	26	<30	26
Operating Pressure Range (cm H_2O)	0-20	3-25	4-20	4-20
Pressure Adjustment Increment (cm H_2O)	0.5	0.5	0.5	0.5
Adjustable Starting Ramp Pressure (cm H_2O)	4	3-25	4-20 (SensAwake)	4.0-19.5
Ramp Time (minutes)	0-60	0-45	Automatic (SensAwake) or 20 minutes	0-45
Data Recorded	Usage, leak, AHI, pressure, 95th percentile pressure, snore, central apnea index, compliance percentage	Usage, AHI, leak, pressure, exhale puffing, non-responding events, 90th and 95th percentile pressures, snore, hypopnea, adherence score, oximetry (optional)	Hours used, compliance rate, AHI, leak, AI, HI, flow limitations, detailed night-by-night data, 90th percentile pressure, SensAwake detections, mask on/off	Usage, leak, AH count, AHI (index)
Features — Auto Start/Stop	Yes	Yes	No	Yes
Features — Leak Compensation	Yes	Yes	Yes	Yes
Features — Mask On/Off Alert	Yes	No	Yes	Yes
Features — Altitude Compensation	Yes	Yes	Yes	Yes
Features — Heated Humidification	Yes	Yes	Yes	No
Features — Remote Programming	No	Yes	Yes	Yes
Patient Access to Own Data Without Physician Involvement	Yes, via free smartphone app, iCodeConnect Quick Report, and on screen data.	Yes, via 3 options. 1. Entering the SmartCode from the device display at www.intelliPAP.com. 2. Setting up an account at www.IntelliPAPSmartCode.com. 3. Using the QuickView menu on the device directly.	Yes, via on-screen patient data menu.	Yes, via HDM's Nitelog App, available for free on iOS and Android.
Additional Features	WiFi wireless data and QR code scanning for smartphone app.	Made in the USA, built in Somerset, Pa, and has less than a 1% failure rate over 5 years; optional 2-year extended warranty to cover the patient for a full 5 years. The IntelliPAP platform offers a full line of devices: Standard, Standard Plus, AutoAdjust, Bilevel S, and AutoBilevel.	Aesthetically pleasing; simple mode for patients and clinicians; ThermoSmart humidification; SensAwake responsive pressure relief; InfoSmart Web cloud-based software; flexible data methods, eg, InfoUSB, InfoGSM modems, and InfoView; reliability. The F&P ICON+ family includes Novo, Premo, and Auto.	Integrated overnight battery.

Company	Human Design Medical, LLC	Philips Respironics	ResMed	Somnetics International Inc
Product	The Z1 CPAP	DreamStation	AirSense 10 AutoSet	Transcend Auto
Website	www.smallcpap.com	www.philips.com/dreamstation	www.resmed.com/us/en/consumer/products/devices/airsense-10-auto-set.html	www.mytranscend.com
Warranty (years)	3	2	2	3
Operating Modes — CPAP	Yes	Yes	Yes	Yes
Operating Modes — APAP	No	Yes	Yes	Yes
Operating Modes — Bilevel	No	Yes	No	No
Operating Modes — Auto-adjusting Bilevel	No	Yes	No	No
Pressure Relief	Yes	Yes	Yes	Yes
Dimensions (cm)	16.5 x 8.3 x 5.1	15.7 x 19.3 x 8.4	11.6 x 25.5 x 15.0	17.6 x 10.2 x 8.7
Weight (kg)	0.28	1.33 (without humidifier); 1.98 kg (with humidifier)	1.25	0.43
Noise Level (dBa)	26	25.8 (device); 27.9 (device with humidifier)	25	26.6
Operating Pressure Range (cm H_2O)	4-20	4-20	4-20	4-20
Pressure Adjustment Increment (cm H_2O)	0.5	0.5	0.2	0.1
Adjustable Starting Ramp Pressure (cm H_2O)	4.0-19.5	4	4-20	4-20
Ramp Time (minutes)	0-45	0-45 (5 minute increments)	0-45 min or auto (begins at sleep onset)	0-45, adjustable
Data Recorded	Usage, leak, AH count, AHI (index)	Encore data capture and reporting, use patterns, advanced event detection,* flow waveform reports. *This can detect, respond to (some models), and log: AHI, RERA, snore, flow limitation, leak, vibratory snore, obstructive airway apnea, large leak, clear airway apnea, periodic breathing, hypopnea.	Hours used, mode of therapy, apnea (central, obstructive) and hypopnea (AHI), leak, CSR, RERA, pressure, EPR level	Average hours/night, median hours/night, therapy session (4, 6, and 8 hours), therapy settings, time-weighted average pressure, 90th and 95th percentile pressure, AHI index, apnea index, hypopnea index, leak, nightly detailed compliance including: pressure trend, leak rate, apneas, hypopneas
Features — Auto Start/Stop	No	Yes	Yes	No
Features — Leak Compensation	Yes	Yes	Yes	Yes
Features — Mask On/Off Alert	Yes	No	No	No
Features — Altitude Compensation	Yes	Yes	Yes	Yes
Features — Heated Humidification	No	Yes	Yes	Yes
Features — Remote Programming	Yes	Yes	Yes	No
Patient Access to Own Data Without Physician Involvement	Yes, via HDM Data Viewer Software.	Yes, via the DreamMapper patient self-management tool.	Yes, wirelessly via myAir and on the device screen "Sleep Report."	Yes, download the free software, then connect device via provided mini USB cord. Or use the TranSync cloud system, which also requires a mini USB connection.
Additional Features	Integrated overnight battery.	Opti-Start feature, EZ-Start Auto-Trial, C-Flex, C-Flex+, A-Flex, Humidity Control; Heated Tube; Advanced Event Detection; Performance Check EncoreAnywhere; DreamMapper; cellular or WiFi modem accessories, SD card; optional oximetry accessory.	Integrated humidifier, built-in wireless data communications, Advanced Event Detection, AutoRamp, Climate Control, SmartStart, optional integrated oximetry, Remote Assist, AirView, myAir. AirSense 10 is also available in CPAP, Elite, and AutoSet for Her models.	Multiple portable battery options—rechargeable with AC, DC, and solar power—to make it easy for patients to use CPAP therapy anywhere.