

iX Series

Simplifying CPAP therapy experience for OSA -
Connecting users to self and remote-monitoring and
improving sleep quality



Be well, Live well

Wellell

Wellell Inc.

iX Series

Simplifying CPAP therapy complexity



Approximately 425 million people worldwide require clinical intervention for severe obstructive sleep apnea (OSA) but, often goes undiagnosed and untreated. The number continues to climb with the growth of obesity and sedentary lifestyle, increasing the risk of cardiovascular disease-related morbidity and mortality and loss in quality of life.

For patients, the cost of treating OSA involves paying 1.9 times more for cardiovascular medication, 2.7 times more for hypertension medication, 50% more in hospitalization days, 2.63 times more days-off-work, 20% decrease in performance, and increase in fees for accidents, injuries, and additional personal compensations.

iX Series's auto-detection for user breathing behavior, SleepWell app for self and telemedicine monitoring, small footprint, and intuitive user interface makes adopting ongoing continuous positive airway pressure (CPAP) treatment for OSA easy and quick for users to see improvement in therapy outcomes.

iX series is a family of CPAP & APAP models featuring remote monitoring that serves as a patient smart companion and for their needs.

Automate Sleep Therapy

Automatic breathing detection triggers the release of positive pressure immediately after detecting the user's expiration and switches the device to standby mode after brief inactivity, simplifying the therapy process across all levels of users.

Digital, Global, and Personal

SleepWell app enables users to self-monitor progress and receive coaching or share with healthcare professionals for remote monitoring, improving therapy flexibility, personalization, and insurance management.

Pack-n-Go Sleep Companion

The compact, connected (with Wi-Fi or 4G), and stylish design packs into a carry-on suitcase and blends into the background, ensuring you always have access to high-quality sleep and remote monitoring support from your doctor when travelling.

Breathing in Harmony

iX's new and improved algorithm improves sleeping quality and experience by matching the continuous air pressure expiration with your dynamic breathing cycles, helping you sleep comfortably and peacefully throughout the night.



iX Auto

Continuous Positive Airway Pressure Machine

Smart Auto-adjusting Algorithm

Clinically proven Auto-adjusting Algorithm precisely senses and responds to the airflow, giving patients the smoothest breathing experience.



Flow Limitation Response

iX recognizes the patterns when the upper airway begins to collapse and right away treats flow-limited breathing waveforms before it further develops into hypopnea or apnea.



CSA Detection

Forced oscillation technology distinguishes between OSA and CSA and automatically stops adding pressure in a CSA scenario.



Low Pressure Alert

Device detects the air flow leakage and alerts the patient if the mask is not worn properly or the tube loosens from the air vent.



Leak Compensation

Effective air leak compensation mechanism ensures effective treatment applied all night.



Pressure Variation Algorithm

Designed for comfort relief by reducing air pressure at the start of exhalation and reaching the prescribed air pressure level in the end.



Simplifying CPAP therapy complexity, improving user experience, confidence, and long-term compliance.

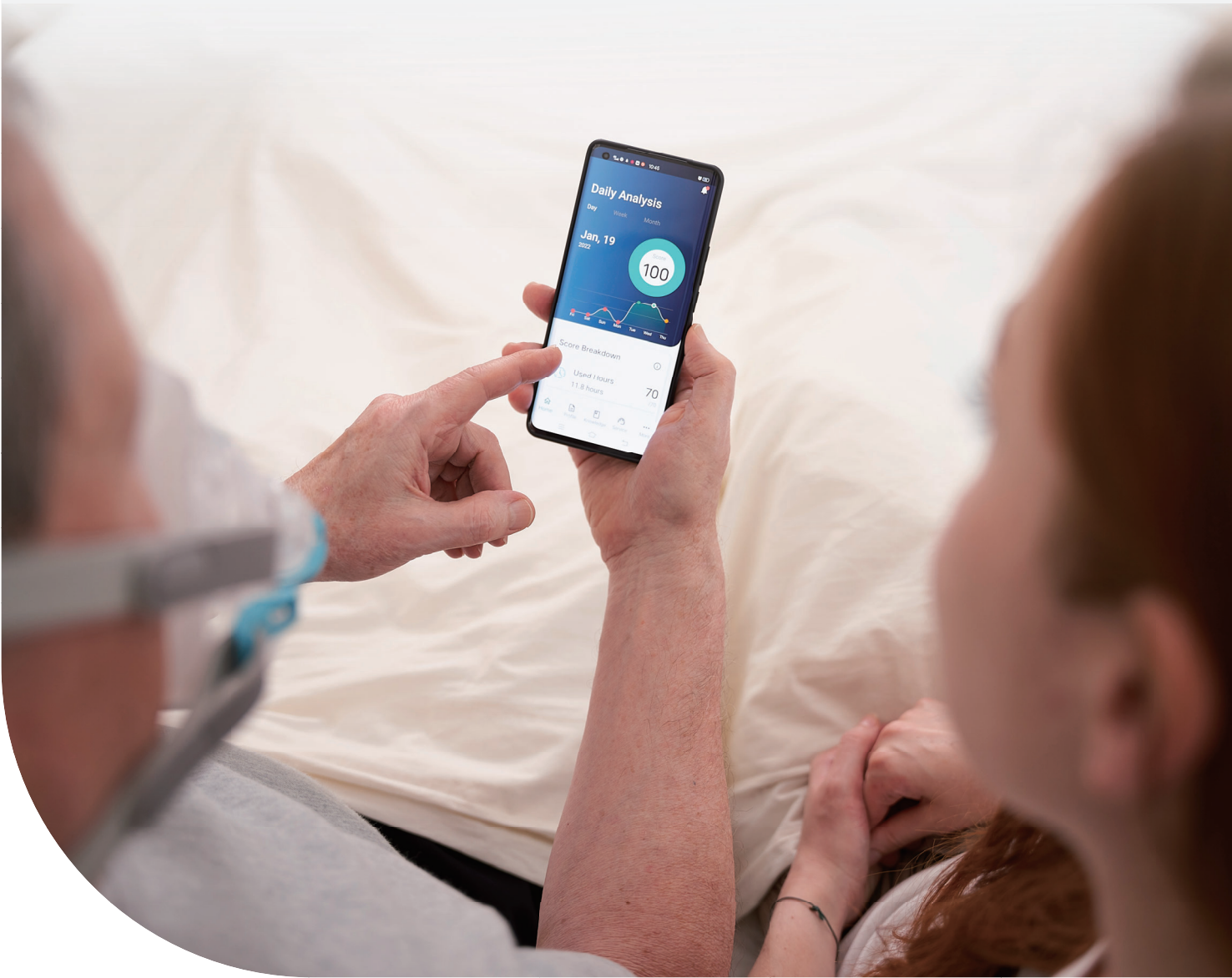
All-in-one Package

It is an evolved combination of compact design, mobility and versatility which brings ease and comfort of in-home use with patients during travel.

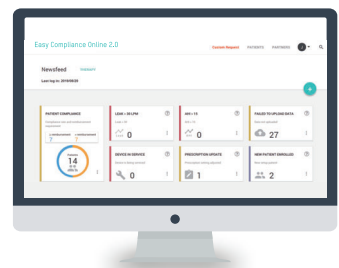


Clinicians recommend CPAP for ongoing OSA treatment

CPAP significantly reduces the risk of chronic diseases and conditions such as cardiovascular disease, hypertension, type 2 diabetes, high blood pressure, and obesity. Sufficient sleep improves fatigue, daytime wakefulness, quality of life, and mental health and function.^{4,5}



Connective Cloud-based System
Easy Compliance M & Online



Easy Compliance Features

Model		iX Fit	iX Sense		iX Auto	
		CPAP	CPAP		CPAP & APAP	
Wireless	Wi-Fi	—	—	●	●	●
	4G	—	—	—	—	●
Easy Compliance	Stand-alone	—	●	●	●	●
	Online-Web	—	—	●	●	●
	Online-App	—	—	●	●	●

Model	iX Fit	iX Sense	iX Auto
Pressure Range	4 to 20 cmH ₂ O	4 to 20 cmH ₂ O	4 to 20 cmH ₂ O
Pressure Increment	0.5 cmH ₂ O	0.5 cmH ₂ O	0.2 cmH ₂ O
Operation Mode	CPAP	CPAP	CPAP/APAP
PVA	—	—	●
CSA Detection	—	—	●
Flow Limitation	—	—	●
Auto On/Off	—	—	●
Ramp Time	0 to 45 mins, 5 minutes increment	0 to 45 mins, 5 minutes increment	0 to 45 mins, 5 minutes increment
Ramp Starting Pressure	4 cmH ₂ O	4 cmH ₂ O	4 cmH ₂ O
Sound Noise Level	≤ 28 dB(A)	≤ 28 dB(A)	≤ 28 dB(A)
Altitude Adjustment	Manual	Auto	Auto
Low Pressure Alarm	—	●	●
Data Collection by SD card	—	●	●
Efficacy Reporting (AHI)	—	—	●
Heated Humidifier	6 levels setting		
Heated Tube	—	—	6 levels setting
Power Supply	60W, Output 24VDC, Input range 100-240V, 50/60Hz		90W, Output 24VDC, Input range 100-240V, 50/60Hz
Water Chamber	300ml		
Operating Condition	5~35°C (41 ~95°F)/R.H. 10-90%		
	5 ~35°C (41 ~95°F)/R.H. 10-90%		
Safety Condition	Class II, Type BF, IP22		
Certification	CE,TFDA		
Dimension	14.1 x 14.5 x 10.6cm/23.5 x 14.5 x 14.7cm (with humidifier)		14.1 x 14.5 x 10.9cm/23.5 x 14.5 x 14.7cm (with humidifier)
Weight	Approximately 900 g; 1490g (with humidifier)		

Specifications are subject to change for improvement without notice

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