



iBreeze Series

20A/20A Pro

APAP

- REG (Respiratory Event Guarantee) algorithms continuously monitors respiratory events, by analyzing the physical response of patients, and guarantees the optimal therapy.
- Auto ramp is designed for patient's comfort while falling asleep. The system maintains low pressure. Standard treatment is activated once asleep.
- Leakage compensation, circuit compensation and altitude compensation guarantees high levels of accuracy and synchronization.



resvent

iBreeze Series APAP

Basic information

Model	20A, 20A Pro
Intended use	OSA
User type	weight above 30 kg

Physical characteristics

Weight	1.35 kg
Size	22.2 x 12.5 x 12.2 cm
Screen	3.5 inches, color
Noise level (ISO80601-2-70)	≤ 28 dB

Treatment parameters

Mode	CPAP, CPAP-V* (only for 20A Pro), APAP
E-COMP**	
R-CARE***	
CPAP pressure range	4-20 cmH ₂ O
Static pressure accuracy	0.5 cmH ₂ O
Dynamic pressure accuracy	1 cmH ₂ O
Inspiratory trigger sensitivity	Auto
Expiratory trigger sensitivity	Auto

Comfort parameters

Respiratory event detection
Ramp
Auto ramp
IPR (Intelligent pressure release)
Auto altitude adjustable
Leakage compensation
Auto on/off
Mask fit
Circuit compensation

Value-added functions

Auto screen luminance adjustable
Energy saving mode
Time and alarm clock

Unit setting
Multi-language setting
Performance self-examination
Patient report on main screen
SpO ₂ , PR

Humidity function

Integrated humidifier
Auto humidity
Preheating
Heated tube
Anti-leakage avoidable in inclined water tank position
Water level detection
Intelligent tube drying

Data management

Data storage in main unit (1 year statistical data, 1 week high resolution data)
SD card high-resolution data storage (10 years)
Wireless transmission (Bluetooth, WIFI, GPRS)
Multi-platform synchronous data sharing for patients and clinicians (Android, iOS, Web)

Others

IP level	IP22
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Accessories

SD card	Standard
Mask	Standard
Tube (15 mm diameter)	Standard
Tube (19 mm diameter)	Optional
Heated tube (19 mm diameter)	Optional
SpO ₂	Optional
Communication module	Optional
Patient management PC software	Optional
iMatrix intelligent cloud system	Optional

* CPAP-V mode allows users to use the APAP mode for pressure titration within a predetermined period, then calculate the optimal CPAP treatment level.

** E-COMP assists new patients to gradually adapt to the prescribed pressure during first month, by using innovative pressure accumulation algorithm.

*** R-Care allows patients to start from 95% of the therapeutic level yesterday in APAP mode to reduce the incidence of predormitium respiratory events.

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