

*resvent*

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# iBreeze Series

free breath as breeze

[www.resvent.com](http://www.resvent.com)

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# Company profile

Resvent is one of the most thriving and vibrant providers of medical devices and solutions, headquartered in ShenZhen, China. Firmly work with clinicians to recognize and understand the clinical challenges encountered everyday, we are dedicated to innovation in the fields of respiratory medicine, intensive ventilating care and intelligent information system, to overcome them with clinical solutions. Inspired by our customers' need, we adopt the advanced sciences & technologies and transform them into accessible and insightful innovation, tailored to local requirement, bring resvent to the customers in the globe.



## Smart. Comfortable. Quiet.

iBreeze series is new generation sleep & respiration therapy platform developed by resvent. It is not a stand-alone device, but systematic solutions of respiratory disorders which includes diagnosis, titration, treatment, configurable modules, full range of accessories, and IT solutions. Ergonomic design, intuitive user interface and advanced ventilation algorithm along with ResAssist, a resvent cloud based patient data management system, will bring users a real brilliant experience.

iBreeze series, change your perspective, again.



# Keep your daily routine in mind

- ✓ **Integrated**  
Compact design with intelligent humidifier integrated brings more convenience in your daily use and maximize your confidence during your traveling days also.
- ✓ **Ergonomics**  
Innovative inclined front-panel profile ergonomics design makes it easy for patient's operating while lying down as well as sitting up on bedside.
- ✓ **Touching screen**  
With intuitive touch technology on 5.0" display and knob navigation, barrier gets eliminated between seeing and using.



iBreeze series intelligent humidifier is designed with plug and seal water tank. System will continuously monitor the water level, and stop heating & give a visible alert, while the water level comes low, in avoiding patient's discomfort led by dry air and delivery the maximum of safety.

**2in1**  
Design

Embedded water tank enable a compact suitcase.



Clinician's view: informative & supportive



Patient's view: intuitive & clear

# Enjoy an undisturbed sleep with heating tube

## More safe

Integrated heating tube offers more safe protocol to avoid water condensation during ventilation in the night.

## More smart

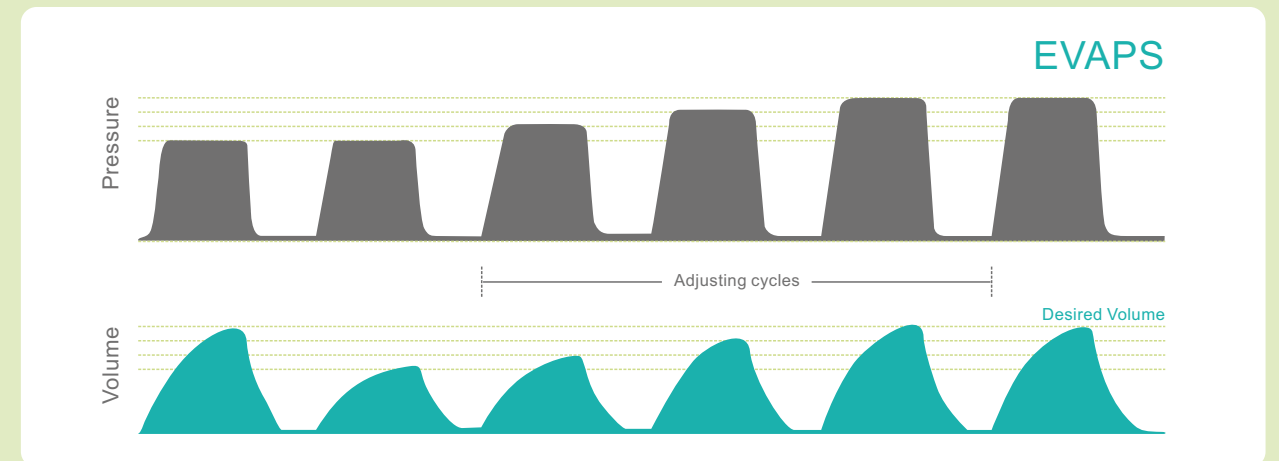
iBreeze CPAP system can identify integrated heating tube's connection automatically and adjust the algorithm accordingly.

## More thoughtful

Up to 6 scale heating levels enables the maximum comfortableness even in different indoor environment.



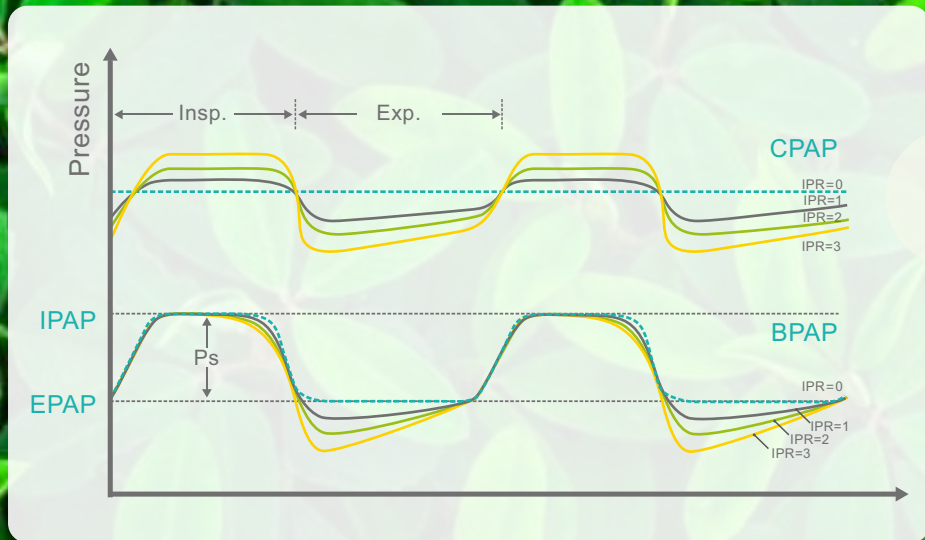
# Cutting-edge technologies for clinical frontier breaking



## EVAPS

For those serious respiratory disorder patients, tidal volume is one of the most significant parameters to keep the oxygen saturation. Among resvent ibreeze premium segment, with EVAPS (Essential Volume Assured Pressure Support) enabled, system will adjust optimal supporting pressure automatically and ensure the delivery of pre-setting target tidal volume.





### IPR

Unique IPR (Intelligence Pressure Release) algorithm during inspiration & expiration offer patients more comfortable experience during ventilation therapy. Three IPR grades are available to meet the personalized requirement.



### Auto-humidifier

During respiration treatment, water condensation in breathing circuit will affect the therapy and even threaten the safety of the patients. To solve the issue, resvent unique intelligent humidifier can apperceive the environment temperature & humidity and maintain the humidifying within certain level so that there will not be condensation in the respiration hose or mask.

## Visual

Glance on humidifier visual bar, get to know



## Considerate

Click on magnetic cover of air inlet, get it done



Outlet



Knob



Button



### REG

Algorithm innovated by resvent can continuously determine and monitor respiratory events (AHI, OAI, CAI, HI, SNI, FL, RERA, PB, etc), analyze the physical status of patients, and guarantee the delivery of the optimality of therapy pressure based on that at all time.

# Access cloud with patient-centric in mind

In iBreeze series, we offer comprehensive and adaptive connectivity options. Patients and clinicians can easily connect to resvent cloud (data server). A flexible suite of choices has been offered based on Wi-Fi, Wireless module, Cellular, as well as traditional SD card storage. Customers can select the most cost-effective options with their smart phones, tablets, or computers.

We strongly believe, seamless data & event sharing, seasonable & timely clinical care given to the patients from caregiver is the sincere goal we should chase.



WIFI



GPRS



Wireless module



SD card



# ResAssist

ResAssist cloud



## ResAssist™



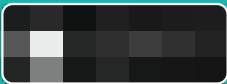
Connect with smart phone / tablets will maximize the convenience.



You can obtain the overall perspective of patients' data from your PC.



Web end offer the most flexible scheme for data management.





# Abundant accessories for all your requirements



Full face mask



Nasal mask



Nasal pillow



Tube



Heating tube



Carry bag

## Wireless SpO<sub>2</sub>

With the help of wireless pulse oximeter watch, continuous monitoring of SpO<sub>2</sub> for all night long becomes possible. Full data can be reflected in patient's report, which can offer a comprehensive overview for night time pulse oxygen saturation.



SpO<sub>2</sub>

# Portfolio

Type		CPAP		auto CPAP		BPAP						Titration
Model		20C	20C Pro	20A	20A Pro	25S	25A	25ST	25STA	30ST	30STA	Tech
Modes	CPAP	●	●	●	●	●	●	●	●	●	●	●
	CPAP-V	–	●	–	–	–	–	–	–	–	–	–
	APAP	–	–	●	●	–	–	–	–	–	–	●
	APAP woman	–	–	–	●	–	–	–	–	–	–	●
	*S(30)	–	–	–	–	●	●	●	●	●	●	●
	*auto S(30)	–	–	–	–	–	●	–	●	–	●	●
	*T(30)	–	–	–	–	–	–	●	●	●	●	●
	*S/T(30)	–	–	–	–	–	–	●	●	●	●	●
	*auto S/T(30)	–	–	–	–	–	–	–	●	–	●	●
	PC	–	–	–	–	–	–	–	–	●	●	●
Screen size/inch		3.5	3.5	3.5	3.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Touch screen		–	–	–	–	●	●	●	●	●	●	●
EVAPS		–	–	–	–	○	○	●	●	●	●	●
Respiratory event detection		–	●	●	●	●	●	●	●	●	●	●
Auto ramp		–	●	●	●	●	●	●	●	●	●	●
Expiration pressure release		●	●	●	●	●	●	●	●	●	●	●
Auto altitude adjustable		●	●	●	●	●	●	●	●	●	●	●
Leakage compensation		●	●	●	●	●	●	●	●	●	●	●
Auto on/off		●	●	●	●	●	●	●	●	●	●	●
Mask fit		–	●	●	●	●	●	●	●	●	●	●
Circuit compensation		–	●	●	●	●	●	●	●	●	●	●
Waveform display		–	–	–	–	●	●	●	●	●	●	●
Parameter monitoring		–	–	–	–	●	●	●	●	●	●	●
Water level detection		–	●	●	●	●	●	●	●	●	●	●
Tube drying		●	●	●	●	●	●	●	●	●	●	●
Auto illumination		–	○	○	○	○	○	○	○	○	○	○
SpO <sub>2</sub>		○	○	○	○	○	○	○	○	○	○	○
SD card storage		●	●	●	●	●	●	●	●	●	●	●
WIFI		○	○	○	○	○	○	○	○	○	○	○
Wireless module		○	○	○	○	○	○	○	○	○	○	○
GPRS		○	○	○	○	○	○	○	○	○	○	○

- Standard .
- Optional .
- Not available.
- \* 30 cmH<sub>2</sub>O pressure is available only on 30 BPAP models.

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