

resvent

www.resvent.com

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iBreeze Series

free breath as breeze

resvent

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 iMatrix, 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.



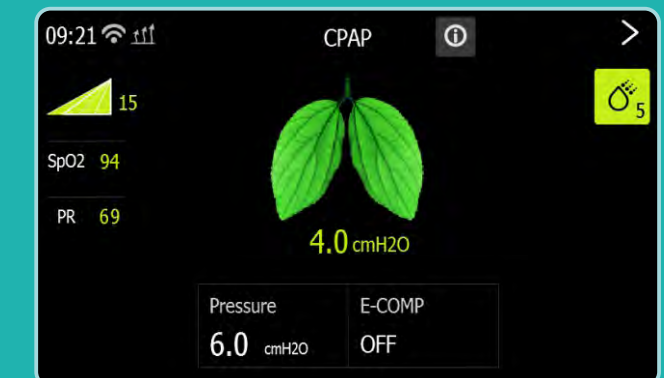
iBreeze series intelligent humidifier is designed with plug and seal water tank. System will continuously monitor the water level, and stop heating & give a visible alert, while the water level comes low, in avoiding patient's discomfort led by dry air and delivery the maximum of safety.

2in1
Design

Embedded water tank enable a compact suitcase.

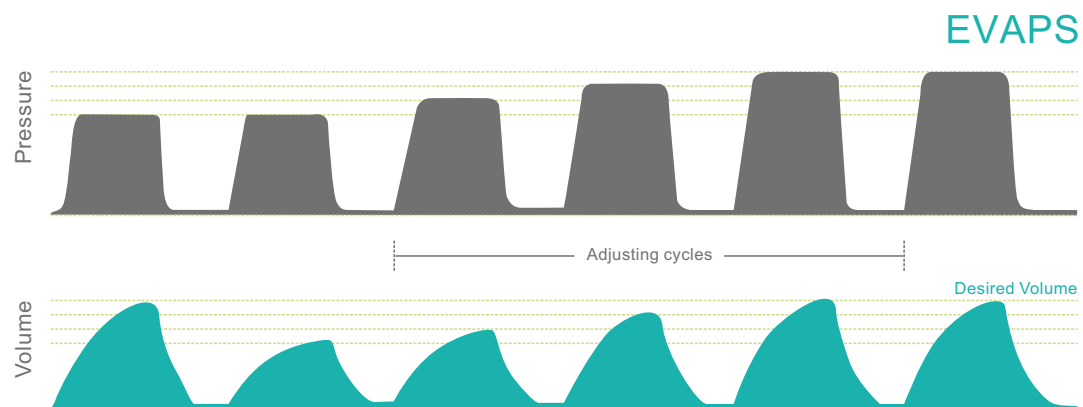


Clinician's view: informative & supportive



Patient's view: intuitive & clear

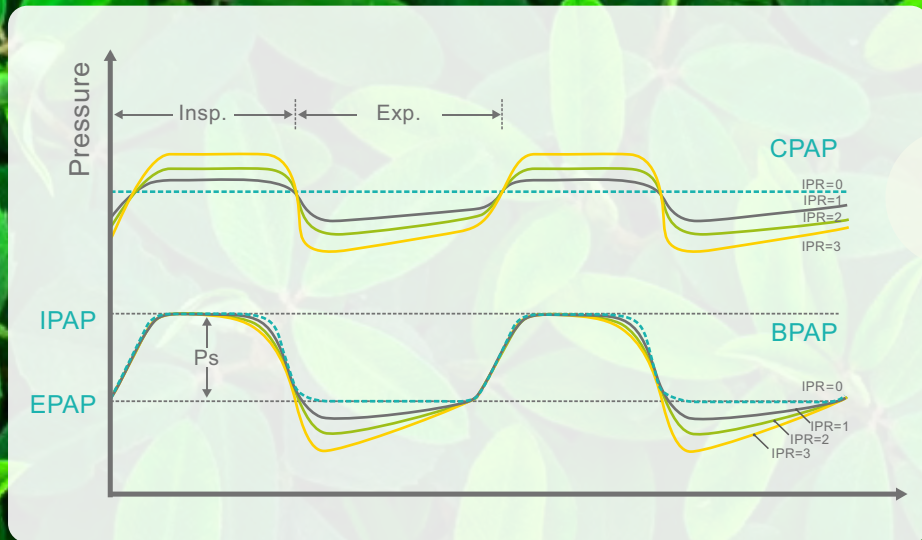
Cutting-edge **technologies** for clinical frontier breaking



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, Bluetooth, 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



Bluetooth

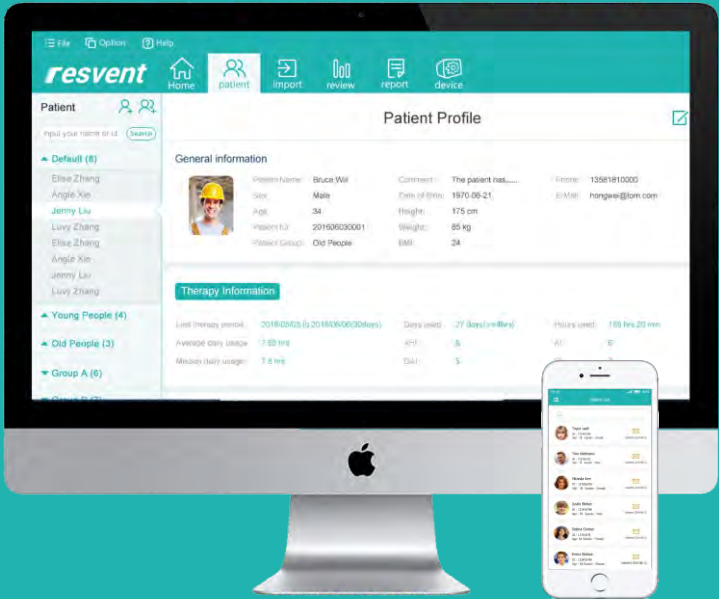


SD card



iMatrix

iMatrix cloud



iMatrix™



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



Wireless SpO₂

With the help of bluetooth wireless pulse oximeter watch, continuous monitoring of SpO₂ 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.



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 ₂ | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| SD card storage | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| WIFI | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Bluetooth | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| GPRS | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |

- Standard .
- Optional .
- Not available.
- * 30 cmH2O pressure is available only on 30 BPAP models.

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