



# Sepray<sup>®</sup> ST-30H Non-invasive Ventilators

- Accurate oxygen concentration control technology  
:chnology



## Applied departments



Battery with 8 hours life 5.7' inch colorful LCD screen  
One button control

## Integrated trolley

The trolley can be equipped with a ventilator, battery, humidifier, boom, oxygen cylinder, tubing and mask at the same time, and the whole set of treatment equipment can be moved with one hand

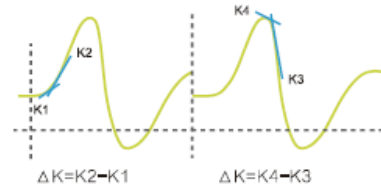
Oxygen Cylinder (Optional)



# Effective

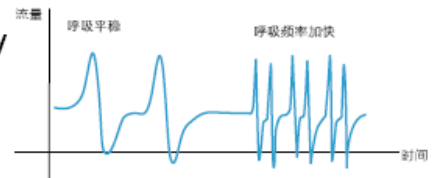
## Automatic Synchrony Technology(\*AST)

Anticipates respiratory waveform and provides corresponding EPAP and IPAP to ensure patient's comfort and mechanical synchrony.



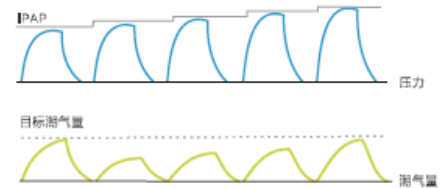
## High respiration rate following technology

Ventilator can effectively follow patients with high breathing rate, up to 60BPM



## Volume Assured Technology (VAT)

Automatically estimates the pressure needed to fit target tidal volume according to patient's change and provides incrementally IPAP and EPAP.



## Professional

- Precision electromagnetic valve technology

Pressure up to milliseconds, responds faster to patient breathing

- Precise air-oxygen mixing function

21%-100% adjustable oxygen concentration, preset oxygen concentration setting

- Accurate oxygen concentration monitoring function

Built-in oxygen concentration detection module can accurately monitor oxygen concentration without loading oxygen battery

## Intelligent

- Wireless networking

Automatic network connection at startup, no wifi required

- Remote monitoring outside the ward

one computer can detect multiple patients

- Remote consultation

## ST-30H Parameters

Parameters	Description
Mode	S/T, CPAP, S, T, PC, VAT
Oxygen concentration setting	21%–100% (Every 1% of a unit)
Backup battery	Removable backup battery (Standby 8 hours)
Screen size	5.7 inch colorful LCD screen
Wave forms	Flow, pressure dual-waveform display
IPAP	4 cmH <sub>2</sub> O–30 cmH <sub>2</sub> O
EPAP	4 cmH <sub>2</sub> O–25 cmH <sub>2</sub> O
CPAP	4 cmH <sub>2</sub> O–20 cmH <sub>2</sub> O
COMF pressure relief	1–3 levels
Ramp pressure	CPAP mode: 4 cmH <sub>2</sub> O–20 cmH <sub>2</sub> O Other mode: 4 cmH <sub>2</sub> O–EPAP
Rise time	1–6 levels
Target tidal volume	20ml–2500ml
Inspiratory time	0.2S–4.0S
Respiratory rate	1BPM–60BPM
Ramp time	0–60 min (One unit per minute)
Alarms	Apnea   Disconnection   Low minute volume   Low tidal volume   Power off   Over high pressure
Weight	Main device: 1.8kg Battery: 2.6kg
Dimensions (LWH)	24.3x16.7x13 cm
AC voltage	110–240VAC
Electrical requirements	110–240VAC, 50/60Hz

## Humidifier Parameters

Temperature	40°C–70°C
Level	1–9 levels