

BEYOND



Therapeutic
Product for
COVID-19

Non-invasive ventilator

ResPlus® B-30P

Therapeutic Product for COVID-19

ResPlus® B ventilator is mainly used for patients with mild to moderate respiratory failure, no indication of emergency intubation, relatively stable vital signs and no taboo of noninvasive ventilation. It is used for early intervention and auxiliary evacuation of respiratory failure.

Non-invasive ventilator

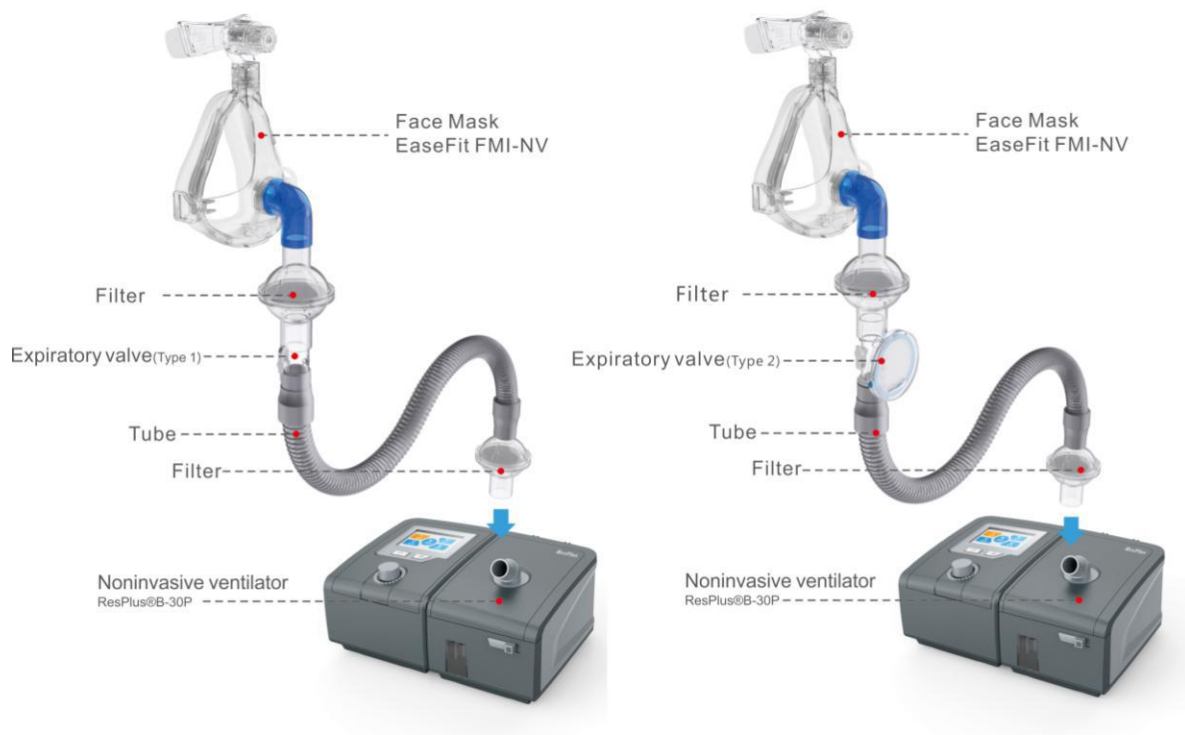
Nowadays, COVID-19 which caused by the novel coronavirus outbreaks worldwide. The virus will quickly invade human lung cells and cause pneumonia, which will cause severe lower respiratory tract diseases, such as acute lung injury and respiratory distress syndrome. Some critical patients may even have symptoms such as respiratory failure, refractory hypoxemia, shock, multiple organ failure, and coagulopathy.

For COVID-19, ventilator is one of the most effective treatments in the absence of specific drugs. Under ventilated, the blood oxygen of patients can be effectively improved and the mortality rate can be reduced.



How to avoid nosocomial infections with non-invasive ?

Filter needs to pay attention to the problem of increased resistance to water overload. The increased resistance needs to be replaced at any time!



Non-invasive ventilator

B-30P can be used in para treatment for patients with COVID-19.

Feature

1. Small size, color LCD display
2. Portable and easy to operate
3. Can be equipped with trolleys
4. Can be equipped with independent humidifier
5. Can be equipped with SPO₂ module
6. Real-time display and monitoring of clinical use data of patients;
7. Connect to Low-flow oxygen, for air-oxygen mixing;
8. With VAF (Vital assurance function);
9. Max.IPAP: 30cmH₂O;
10. Ventilation mode: CPAP, S, ST, T, APCV.



Application

Non-invasive ventilation is mainly applicable to patients with mild to moderate respiratory failure, no evidence of emergency intubation, relatively stable vital signs, and no contraindications to non-invasive ventilation. It is used for early intervention and assisted withdrawal of respiratory failure.

Using environments

1. Early intervention for respiratory failure for patients with COVID-19;
2. After extubating, when the patient is removed from the invasive ventilator and transferred to a non-invasive ventilator. The patient has a certain ability to breathe spontaneously and is in good condition, or applied when transferred to a general ward.

Guidelines for non-invasive ventilation for patients with COVID-19

For mild to moderate patients ($PaO_2 < 60\text{mmHg}$, $SpO_2 < 90\%$, $RR > 24$), non-invasive ventilation can be considered for respiratory support when oxygen therapy is not effective.

Qualification

ISO 13485, CE₀₁₉₇, ISO14001, ISO 9001

Non-invasive ventilator

Product name : Non-invasive ventilator

Model : ResPlus®B-30P

Screen : 3.5" colorful LCD

Respiratory mode : CPAP、S、ST、T、APCV

Weight : 2.2Kg

Dimension : 280mm*200mm*112mm

Noise Level : <30dBA

Parameters

IPAP(cmH₂O) : 4-30cmH₂O

EPAP(cmH₂O) : 4-25cmH₂O

Isens : Auto,1-6 level

Esens : Auto,1-6 level

Islop : 1-6 level

InspTime : 0.5-4s

Max-InspTime : 0.5-4s

Min-InspTime : 0.5-4s

BPM : 3-40bpm

Humidifier : 0-5 level

Auto-On : On/Off

Auto-Off : On/Off

Auto-air compensation : Available

Auto-adjustment altitude : Available

VAF settings : Available

Target VT : 50-2000ml

Ramp : 0-60 min

Data storage : TF card





Hunan Beyond Medical Technology Co.,Ltd was established in 2009 is an ISO9001 and ISO13485 certificated manufacturer,covering an area of 14000 square meters,with registration capital of 30.48 million RMB,located in Yuelu District, Changsha city of China.

Our company is composed of a group of senior R&D dept,financial dept,marketing dept,After sales dept,Production dept and Quality dept with total population more than 300,main business involves infusion management (Infusion pump, syringe pump), sleep apnea solutions (CPAP, BPAP devices and masks),dental equipment,nurse call system etc.With a high starting point of research and development, we have obtained more than 20 patents and software foundations, and successfully get CE,GOST and other related certifications,laid the foundation for building quality and reliable products.

Currently our products have been sold to more than 50 countries besides China,enjoy a good reputation in and outside of China.With mission to escort for human health with science and technology,Beyond will spare no effort in product innovation and technological breakthrough to provide more excellent products and services and construct a better healthy ecosphere of hospital and home healthcare to make contributions to development of human health.