HF-11

High Flow Heated Respiratory Humidifier

HFNC Applicable Departments

Respiratory Department | ICU | Emergency | Neurology | O.R.

Neurosurgery | Cardiology | Rehabilitation | Geriatrics | Pediatrics

Clinical Application

- Mild respiratory distress (respiratory rate >24 bpm)
- ARDS and other Type I Respiratory Failure
  (100 mmHg ≤ PaO2/FiO2 < 300 mmHg)
- Type II Respiratory Failure
- Invasive Ventilation Weaning

Fight the epidemic together

- Novel Coronavirus Pneumonia (NCP) is a pneumonia caused by SARS- CoV- 2 infection.Severe and critically ill patients often have hypoxemia and dyspnea and proper respiratorysupport treatment is required.
- As noted in the "Expert Consensus on the Use and Management of HFNC for Patients with Novel Coronavirus Pneumonia", for acute hypoxic respiratory failure, high-flow nasal O2 therapy (HFNC) has greater advantages over conventional O2 therapy.

Simple and practical

- Ultra-Large touch screen: HF11 is equipped with a 4.3 inch touchscreen, which allows easy and quick operation by touch and navigation knob.
- Electronic Air- O2 mixer system: easy to set up flow rate and O2 concentration.
- Intuitive UI design: large font, easy for caregiver to operate and observe.

Safe and comfortable

- ulti- position temp monitoring: HF11 is equipped with 3 temp sensors, which enable real-time temp monitoring, synchronized closed- loop feedback, joint high temp alarm, smart water level management and over- temp protection function to ensure safer heating.
- High- performance nasal cannula: ergonomic design, soft and comfortable, free of constriction

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SpO₂ monitoring

Optional Comen, Masimo or Nellcor SpO2 monitoring function real- time monitoring of the patient's O2 concentration, ease evaluation of the effectiveness of high- flow O2 therapy, so that doctors can optimize the treatment plan in real time.

Wide range of application

- The 2- 80L/min wide range flow control can effectively flush the dead space (physiology), avoid CO2 retention, meet the treatment requirement of both infants and adults, clinically suitable for patients at different ages

Ultra- quiet design: The ultra-quiet turbine significantly reduces noise, provides a quiet O2 therapy environment reduces irritability.

Intra- hospital transport

- High performance turbine, no need for compressed air supply
- Integrated battery for transportation
- Light and compact medical trolley ease intra- hospital transport

Wide range of application

The 2- 80L/min wide range flow control can effectively flush the dead space (physiology), avoid CO_2 retention, meet the treatment requirement of both infants and adults, clinically suitable for patients at different ages.

Efficient and precise

One-touch O2 flush

Rapidly increase the O_2 concentration, increase the patient's O_2 reserve, and facilitate sputum suction, bronchoscopy, intubation and other nursing cares.

High precision O2 concentration control

Adopts high-precision electronic air-O_2 mixer system and precise O_2 concentration monitoring module. Realizes accurate control and real-time monitoring of O_2 concentration
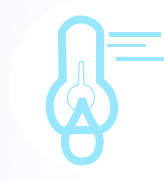
Smart temp and humidity control

Through smart temp and humidity monitoring and closed-loop feedback mechanism, NF5 provides patients with accurate high-flow O_2 therapy close to the natural body temp (37) and 100% relative humidity (44mg/L), optimizes mucus and cilia function.

herapeutic range for infants and children: 2∼30L/min

Based on extensive clinical research, the conventional 25L/min is inadequate for comprehensive pediatric care

Therapeutic range for adults: 10∼80L/min

Comply with the" Expert Consensus on Clinical Standardized Application of HFNC in Adults", where the latest requirement of respiratory flow is 8∼80L/min.