HFNC Applicable Departments

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

Neurosurgery | Geriatrics | Cardiology | Pediatrics | Rehabilitation

Clinical application

- Mild respiratory distress (respiratory rate >24 bpm)
- ARDS and other Type I Respiratory Failure
  (100 mmHg ≤ PaO_2/FiO_2 < 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 respiratory support 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 O_2 therapy (HFNC) has greater advantages over conventional O_2 therapy.

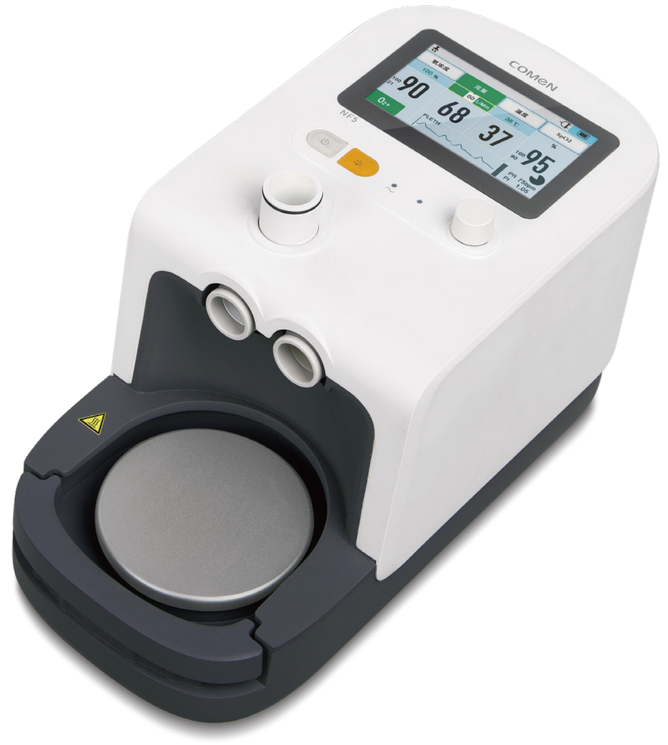
Shenzhen Comen Medical Instruments Co., Ltd. P/N：EN-NF5-4P-20200818-V1.0

Add: No.2 of FIYTA Timepiece Building, Nanhuan Avenue, Matian Sub-district, Guangming District, Shenzhen, 518106, Guangdong, China.
Tel:+86-755-2640 8879 400-700-9488 Fax:+86-755-2643 1232 Website: en.comen.com E-mail: info@szcomen.com

COMEN

NOVAGEN Africa

MEDICAL INTERDEPENDENCE



NF5

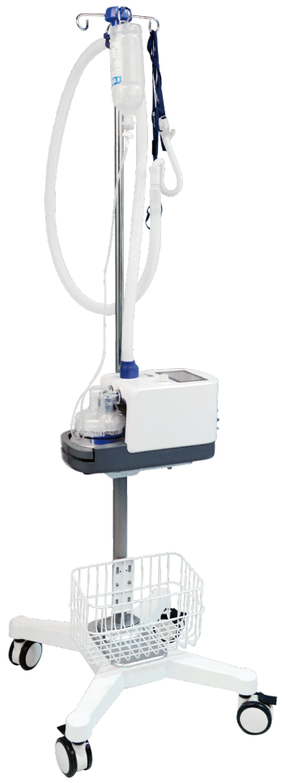
High Flow Heated Respiratory Humidifier

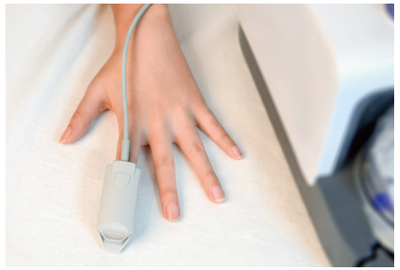
Simple and practical

- Ultra-Large touch screen: NF5 is equipped with a 4.3-inch touch screen, which allows easy and quick operation by touch and navigation knob.
- Electronic Air-O_2 mixer system: easy to set up flow rate and O_2 concentration.
- Intuitive UI design: large font, easy for caregiver to operate and observe.

NOVAGEN Africa

MEDICAL INTERDEPENDENCE





SpO_2 monitoring

- Optional Comen, Masimo or Nellcor SpO_2 monitoring function, real-time monitoring of the patient's O_2 concentration, ease evaluation of the effectiveness of high-flow O_2 therapy, so that doctors can optimize the treatment plan in real time.

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

Safe and comfortable

- Multi-position temp monitoring: NF5 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.
- Ultra-quiet design: The ultra-quiet turbine significantly reduces noise, provides a quiet O_2 therapy environment, reduces irritability.

Efficient and precise

One-touch O_2 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 O_2 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°C) and 100% relative humidity (44mg/L), optimizes mucus and cilia function.

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.

Therapeutic 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.