ESNLF-200A
BCPAP machine
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Features

7" TFT LCD screen displays the ventilation parameters, alarm information and oscillographs. Integrated breathing circuit design, ensure easy operating and keep hygiene. Multiple parameters monitoring interface ensures every parameter is clear. Real time pressure-time oscillographs and high precision oxygen concentration detection function. Built-in air and oxygen blender, ensure stable oxygen concentration. Stable and low noise air compressor, able to support 2-3 C-Pap machine at the same time. Three levels alarm system, visual and audible alarm information. Built-in backup battery provides the emergency power supply to the unit.

Specifications

Ventilator parameter ranges

- Oxygen concentration: Adjusting range:21%-100%
  Monitoring range: 15% - 100%
- CPAP: Adjusting range:0cmH2O-15cmH2O
  Monitoring range:0cmH2O-60cmH2O
- Continuous flow: Adjusting range:2L/min-20L/min
  Monitoring range:2L/min-20L/min
- Air compressor: Continuous output flow:≥25L/min
  Peak output flow: ≥120L/min
- Oscillograph display: P-T (pressure - time)

Alarm and protection

- The AC power failure alarm Power failure or no connection
- Internal battery backup low voltage alarm: <11.3±0.3V
- High oxygen concentration alarm: 19%-100%
- Low oxygen concentration alarm: 15%-99%
- High Airway pressure alarm: 1.5kPa-6kPa
- Low air input pressure alarm: <200kPa
- Low oxygen input pressure alarm: <200kPa
- Air and oxygen blender alarm: When any gas source lack or When differential pressure> 0.1mPa
- Compression pump alarm: Excess temperature

Working conditions

- Gas source: O2,AIR
- Pressure: 280kPa-600kPa
- Voltage: 110-240V
- Power frequency: 50Hz±1Hz
- Input power: Main engine ≤25W and Air compressor ≤675W