

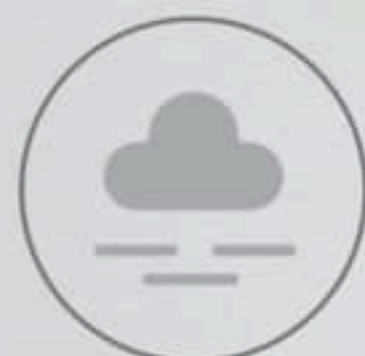


PURE OXYGEN ENJOY THE BREATHING



OC5B (*Nebulization function*)
OXYGEN CONCENTRATOR

OC5B (Nebulization function) OXYGEN CONCENTRATOR



Nebulization



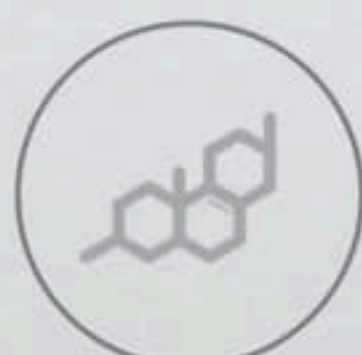
SpO₂ and
Pulse rate



Medical air
intake filter



Overload
protection



High-quality
molecular sieve



Humanization
design



OC5B Oxygen Concentrator consisted of air compressor, adsorption tower of molecular sieve, sensor and flow meter. With the molecular sieve to be absorbent, the machine adopts PSA (pressure swing absorbers) method to directly concentrate medical oxygen with high concentration from the air.

It is small and portable. The machine takes the advantages of small in volume, light in weight, convenient in moving (as it has turning truckle), stable in performance, high in safety, easy in operating, low in noise, safe in working, which complies with requirements of medical device. The machine can also realizes the measurement and display of SpO₂ and pulse rate, medication atomization by connecting accessories.

The machine has a wide application, including family, clinic, hospital, oxygen bar, plateau outpost, gym center, etc.

Function

- ◆ With working indicator
- ◆ Built-in filters to pure the gas
- ◆ Oxygen concentration status indicator
- ◆ Function of accumulating time
- ◆ Function of timing shutdown
- ◆ Alarm for power failure
- ◆ Alarm for high/low pressure protection
- ◆ Alarm for low flowrate
- ◆ Alarm for high temperature
- ◆ Measure SpO₂ and pulse rate
- ◆ Function of nebulization

Accessories

- ◆ Humidifier bottle
- ◆ User manual
- ◆ Power cord
- ◆ Nasal cannula
- ◆ SpO₂ probe
- ◆ Atomization accessories

Physical characteristic

- ◆ Dimension: 508(L) × 260(W) × 530(H)mm
- ◆ Weigh: 21Kg

Operating Environment:

- a) Temperature: 10°C~40°C
- b) Relative humidity: ≤80%
- c) Atmospheric pressure: 860hPa~1060hPa

Performance

- ◆ Maximum flowrate recommended: 5L/min
- ◆ Oxygen Output Concentration Levels: (reach the stated oxygen concentration level within 30 minutes after turning on the machine): 93% ±3% at the flowrate of 0.5~5L/min
- ◆ Flowrate range: 0.5~5L/min
- ◆ Flowrate change at maximum recommended flowrate with 7 kPa back pressure: <0.5L/min.
- ◆ Outlet pressure: 20kPa~50kPa
- ◆ Nebulization rate: >0.15 ml/min
- ◆ Input Power Consumption: 400VA
- ◆ Electrical Requirements: AC220V ±10%, 50Hz ±1Hz
- ◆ Operating noise: ≤55dB(A)
- ◆ SpO₂ Measurement
 - Range: 0%~100%
 - Resolution: 1%
 - Accuracy: ±2% when SpO₂ is in range of 70%~100%; unspecified when less than 70% .
- ◆ Pulse rate Measurement
 - Range: 30bpm ~ 250bpm
 - Resolution: 1bpm
 - Accuracy: ±2bpm or ±2%, whichever is greater
- ◆ Safety characteristics
 - Type of protection against electroshock: class II equipment
 - Degree of protection against electroshock: Type BF applied part
 - Degree of protection against ingress of water: IP21