

CONTEC

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PURE OXYGEN ENJOY THE BREATHING



Oxygen Concentrator OC5B(Nebulization function)

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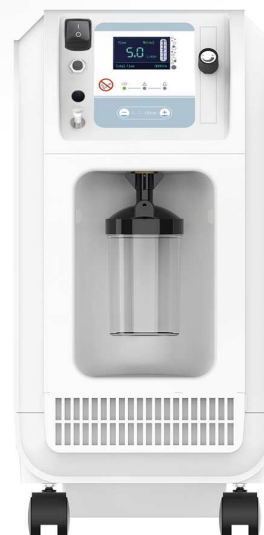
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Oxygen Concentrator

OC5B(Nebulization function)



Medical air intake filter



Humanization design



Overload protection



High-quality molecular sieve



OC5B Oxygen Concentrator consisted of air compressor, adsorption tower of molecular sieve, sensor and flowrate controller. 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 mobile. 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 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
- ◆ Oxygen flow indication
- ◆ 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

Physical characteristic

- ◆ Dimension: 508 mm × 260 mm × 530 mm
- ◆ Weight: 21kg

Operating Environment:

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

Performance

- ◆ Maximum flowrate recommended: 5 L/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 L/min ~ 5 L/min
- ◆ Flowrate range: 0.5 L/min~5 L/min
- ◆ Flowrate change at maximum recommended flowrate with 7 kPa back pressure: <0.5 L/min.
- ◆ Outlet pressure: 20 kPa~50 kPa
- ◆ Input Power Consumption: 450 VA
- ◆ Electrical Requirements: AC220 V ± 10% ~ 50 Hz ± 1 Hz
- ◆ Operating noise: ≤55 dB(A)
- ◆ Safety categories
 - 1) Type of protection against electroshock: class II equipment
 - 2) Degree of protection against electroshock: Type BF applied part
 - 3) Degree of protection against ingress of water: IP21

Accessories

- ◆ Humidifier bottle
- ◆ User manual
- ◆ Power cord
- ◆ Nasal cannula