

*saros*TM

MODEL 3000

PORTABLE OXYGEN CONCENTRATOR

CAIRE[®]



SPECIFICALLY DESIGNED FOR THE MILITARY

PROVEN CLINICAL EFFECTIVENESS



Up to 3000 ml per minute with proprietary clinical features including autoSAT®; Body, Temperature and Pressure (BTP) flow compensation and Adjustable Pulse Sensitivity to ensure your patients get the oxygen they need when they need it.

ROBUST & RELIABLE



Designed for the unique needs of the military to store and operate in extreme temperatures and harsh conditions (sand, dust, etc.).

STATE-OF-THE-ART TECHNOLOGY



Utilizes Vacuum Pressure Swing Adsorption (VPSA), the most efficient way to desorb nitrogen from sieve material while delivering the highest purity of oxygen. VPSA ensures each sieve bed is perfectly rejuvenated every cycle for improved life of the device.



SAROS Model 3000 Specifications

CLINICAL SPECIFICATIONS

- **Continuous Flow:** 1, 2, 3 LPM
- **Pulse Flow:** 16, 32, 48, 64, 80, 96 ml bolus
- **Oxygen Concentration:** 93% +/- 3% for all flow settings
- **Sound Level:** <59 dB(A) at 3LPM
- **autoSAT Technology:** Servo-control to maintain consistent SpO2 (oxygen saturation)
- **Pulse trigger sensitivity adjustment:** Adjustable settings (1-most sensitive to 3-least sensitive)
- **Trigger Sensitivity:** 0.15 – 0.45 cm H2O
- **autoDOSE:** switches to Continuous Mode if no inspiration has been detected for 60 seconds with an audible alarm

SAFETY SPECIFICATIONS

- **Maximum System Pressure:** 15 psig (204.7 kPa)
- **Oxygen Output Pressure:** 4.0 psig (128.9 kPa) nominal

GENERAL

- **Dimensions:** 26.80" (68.1 cm) long x 4.375" (11.1 cm) diameter with battery / 23.25" (59.1 cm) long x 4.375" (11.1 cm) diameter without battery
- **Weight:** 12.25 pounds (5.56 kg) with battery, 10.0 pounds (4.54 kg) without battery

ENVIRONMENTAL

- **Operating Voltages:**
 - **AC Power Supply**
 - **Input Voltage:** 100- 240 VAC, 50 – 60 Hz, 115V at 400Hz
 - **Output Voltage:** 24 VDC
 - **Output Power:** 200 W
 - **24 VDC Cable**
 - **Input Voltage:** 20 – 28 VDC; 24VDC (Nominal)
 - **Input Current:** 10 A
- **Battery Life:**
 - 45 minutes at 2LPM Continuous Flow
 - 1.1 hours at 32ML Pulse Flow
- **Operating Environment:**
 - **Temperature:** 32° F to 109° F (0° to 43° C)
 - **Humidity:** 10% to 95%, Non-condensing, 82.4°F (28°C) Maximum Dew point
 - **Ambient Pressure Range:** 506 hPa to 1060 hPa
 - **Altitude:** 0 - 18,000 feet (0-5,486 meters)
- **Storage Environment:**
 - **Temperature:** -4° F to 140° F (-20° to 60° C)
 - **Humidity:** Up to 95% Non-condensing
- **Tactical Mode:** Enable or disable LED indicators and audio indicator sound is reduced during use



CAIRE Contact Information:

Providers Toll Free
1.800.482.2473
Patients Toll Free
1.877.704.0878
www.caireinc.com

SEE PRODUCT WARRANTY STATEMENT FOR COMPLETE INFORMATION. Please consult the applicable product instructions for use for product indications, contraindications, warnings, precautions, and detailed safety information.