



NSN # 6515-01-588--3083

PORTABLE OXYGEN CONCENTRATOR

Battlefield Oxygen for Combat Casualty Care

SAROS Oxygen System replaces oxygen cylinders and large oxygen generation equipment used in field hospitals, casualty evacuation, en route care and on the battlefield.



SAROS™ Oxygen System with autoSAT®

consistently maintains an FiO2 by adjusting to a patient's respiratory rate. autoSAT enables the system to automatically adjust to increased oxygen demands that often occur as part of a patient's medical treatment.

Generate

Conventional oxygen systems cannot penetrate dangerous battlefield areas due to safety.

- Only 12 pounds
- Robust and reliable in extreme temperatures and harsh conditions (sand, dust, etc.)
- Operates at high altitudes up to 18,000 ft.
- Over 1 hour of battery operation
- Only 15 psi system pressure.

Oxygenate

The use of bottled oxygen on and around the battlefield creates multiple problems—running out of oxygen, air/ground transportation, logistical supply and resupply, bottle exchange and personal endangerment.

- No running out of oxygen
- Produces 3,000 mL/min of oxygen
- Operates on AC, DC, and Rechargeable Battery Power
- Pulse Dose Mode with autoSAT™ Technology
- Adjustable sensitivity triggering
- Unique Tactical Mode

Evacuate

SAROS is safe, simple and sustainable. It can move with the patient on the battlefield, to a field hospital and during en route care air evacuations.

- No more storage and filling tanks
- Not considered hazardous cargo
- Replaces "D" & "H" cylinders
- Conveniently fits into existing cylinder holders
- Moves with the patient



CAIRE Contact Information:

Providers Toll Free
1.800.482.2473
Patients Toll Free
1.877.704.0878

www.cairemedical.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.

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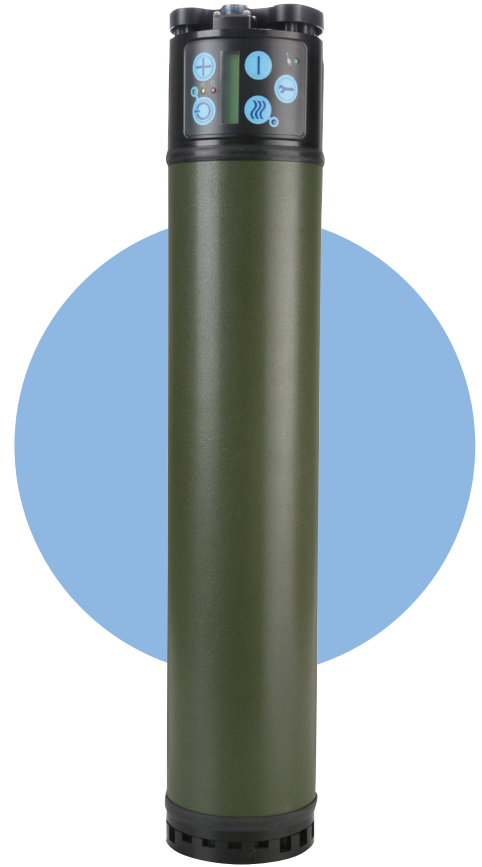


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Product Features

- Emergency and disaster preparedness
- Tactical combat casualty care
- En route care
- Reduces the burden of scheduling and transporting oxygen to patients
- Can be carried and used by soldiers and medics anytime, anywhere
- Rotary Wing Air Worthiness Certified
- Low pressure - not considered hazardous cargo



Specifications

HEIGHT, BATTERY	26.80 in. (681 mm)	OPERATING TEMPERATURE	32°F to 109°F (0°C to 43°C)
HEIGHT, WITHOUT BATTERY	23.25 in. (590.5 mm)	OPERATING HUMIDITY	10% to 95%, Non-condensing, 82.4°F (28°C) Maximum Dew point
WEIGHT, BATTERY	12.25 lb (5,56 kg)	OPERATING TEMPERATURE	-4°F to 140°F (-20°C to 60°C)
WEIGHT, WITHOUT BATTERY	10.0 lb (4,54 kg)	OPERATING HUMIDITY	Up to 95% Non-condensing
DIAMETER	4.375 in. (1,98 kg)	NOMINAL POWER 3 LPM CONTINUOUS FLOW	≤130 Watts
TYPICAL USE TIME AT 32 ML PULSE MODE	1.1 hours	FLOW SETTING PULSE DOSE	off, 16, 32, 48, 64, 80, 96 mL
TYPICAL USE TIME AT 2 LPM CONTINUOUS MODE	45 minutes	FILTERS	Air inlet Filter, HEPA and Exhaust Filter
OPERATING PRESSURE	15 psig (103 kPa)	OPERATING ALTITUDE	Up to 18,000 ft (5,49 km)
OXYGEN CONCENTRATION	USP 93% +/- 3% for all flow setting	FLOW SETTING CONTINUOUS	off, 1, 2, 3 LPM
NOMINAL SOUNDS LEVEL	<59 dB (A)	FLOW SETTING PULSE DOSE	off, 16, 32, 48, 64, 80, 96 mL



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