

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[™]

- Emergency & Disaster Preparedness
- Tactical Combat Casualty Care
- En route Care
- Reduces the burden of scheduling and transporting oxygen to patients
- Can be carried & used by soldier & medics anytime, anywhere

ROTARY WING AIR WORTHINESS CERTIFIED




CAIRE[®]
SEQUAL[®]

SAROS Oxygen System with autoSAT® consistently maintains an FiO_2 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.

- Lower weight—12 pounds
- Smaller cube—4 3/8" dia. x 26.8" long
- Robust and reliable in extreme temperatures
- Use in harsh conditions (sand & dust)
- High operating altitudes, up to 18,000 feet
- Up to 90 minutes of battery operation

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 of oxygen
- AC, DC and Battery power operation
- Pulse Dose Mode with autoSAT™ Technology
- Adjustable sensitivity triggering
- 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®
SEQUAL

CAIRE, Inc.
2200 Airport Industrial Drive, Suite 500
Ball Ground, GA 30107
Ph 770.721.7759 • Toll Free 1-800-482-2473
Fax 770.721.7758

Chart BioMedical, Ltd.
Unit 6, Ashville Way
Wokingham, Berkshire, RG41 2PL
Ph +44(0) 1189 367060
Fax +44(0) 1189 799245

www.CAIRE-SeQual.com



saros™

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SPECIFICATIONS:

- 1 - 3 LPM Continuous Flow Mode
- 16 - 96 mL bolus in Pulse Dose Mode
- autoSAT Technology
- Pulse trigger sensitivity adjustment
- USP 93% Medical Grade Oxygen
- Tactical Mode
- 12.25 Pounds with Battery
- 10.00 Pounds without Battery
- 26.80" L x 4.375" dia with battery
- 23.25" L x 4.375" dia without battery
- 15 psig Maximum System Pressure
- 5 psig System Output Pressure
- Nominal power 130 watts @ 3 LPM
- AC Power Supply
- 24 VDC Operation
- Rechargeable Battery
- Altitudes up to 18,000 ft
- Operating Temperature: 0° to 43° C
- Operating Humidity: 10%-95% at an 82.4°F (28° C) dew point
- 9V Back Up Alarm
- HEPA, Air Exhaust, Air Intake Filters
- FDA 510K cleared
- AWR Certified

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