

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



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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