

Battlefield Oxygen for Combat Casualty Care, CASEVAC & MEDEVAC

Eclipse 3™ with autoSAT®, HT

Emergency Oxygen System



Combat medics and first responders now have an immediate, robust, dependable oxygen delivery system available. The Eclipse High Temperature product supports individual patients far forward on the battlefield and during medical evacuation missions by ground, air, sea and during emergency/disaster situations.

The Eclipse HT Platform is the leading battery-operated, oxygen generating solution for the battlefield, emergency responders and disaster relief teams.

Now they can have the best solution, one system, the Eclipse 3, HT.

The Eclipse 3 HT includes the same unparalleled performance features of our Eclipse 2 HT, plus these additional features:

- Pulse Dose volumes up to 96mL in addition to three new pulse dose volumes of 128mL, 160mL and 192mL
- mL and LPM dose LCD display for more accurate measurement
- Three available rise time options—Fast, Medium and Slow
- Smaller, yet more durable AC and DC power supplies

Generate.

Operate in extreme temperatures and harsh environments

Oxygenate.

Deliver medical grade oxygen efficiently and reliably

Evacuate.

Transport patients safely and eliminate personal endangerment

National Stock Number: 6515-01-582-2738

Airworthiness Certified

Order Information—Item #5900HT

Oxygen for the Battlefield



CAIRE®
SEQUAL®

800.482.2473

2200 Airport Industrial Dr., Ste. 500
Ball Ground, GA 30107



Generate. The Eclipse produces medical-grade oxygen from ambient air and can be powered by **battery** or **AC/DC power sources**. This allows oxygen infiltration to soldiers anytime or anywhere—ground, air or sea.

- Lower weight—18 lbs
- Smaller cube—19.3h x 7.1w inches
- AC/DC and battery operated
- Robust and reliable in extreme temperatures (-7°C to 60°C)
- Operates in harsh conditions (sand & dust) and high altitudes, up to 15,000 feet
- Low maintenance—15,000 hour service interval
- Maneuverable—Grab and Go
- Power specifications:
 - AC Operation 100-240 VAC, 50-60Hz
 - DC Operation 12 V Nominal
- Power consumption:
 - 52 watts at 1.0 LPM continuous flow
 - 145 watts at 3.0 LPM continuous flow



Oxygenate. The Eclipse 3 HT provides 90% ± 3% USP medical grade oxygen to support combat casualty care and medical disaster management. It can eliminate the cumbersome use and resupply of oxygen cylinders needed in field hospitals, ships and evacuation missions.

- Rugged, lightweight continuous oxygen generator
- No more worries about “running out” of oxygen
- Produces 3,000 mLs of oxygen
- Compensates for altitude
- Integral oxygen concentration metrology for continuous flow and purity measurement
- Pulse mode with **autoSAT Technology** and adjustable sensitivity triggering
- Three new pulse dose volumes of 128mL, 160mL and 192mL

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



Evacuate. The Eclipse can move with the patient from a mobile hospital through air evacuation. It reduces the burden of scheduling and transporting oxygen to patients.

- Eliminates personal endangerment
- No more worries about storage and filling cumbersome tanks
- Airworthiness certified for H-60 Black Hawk
- FAA approved for commercial aircraft



THE ECLIPSE 3, HT DOES NOT STORE OXYGEN ONCE IT IS TURNED OFF. UNLIKE HIGH-PRESSURE OXYGEN CYLINDERS, THE ECLIPSE 3, HT IS NOT CONSIDERED HAZARDOUS CARGO.