

## OXYGEN GENERATOR AND LIQUEFIER (OGL)

P/N 50C-0103-5 (tan) | NSN 3655-01-631-2889

P/N 50C-0103-7 (dark green)



The Oxygen Generator and Liquefier (OGL) liquefies and stores for transfer of liquid oxygen (LOX) to portable devices.

- FDA Life Support device 510(k) number K131990
- Generates 1 liquid liter of 93% USP oxygen per hour
- Onboard LOX storage vessel
- Portable – designed for forklift or pallet transport
- Able to fill other Essex FDA cleared Life Support devices such as the BMOS, BMOS-FS, MMOS, MODS, NPTLOX & PTLOX
- System performance data logging and fault output capability
- PC Boards with on-board watchdog timer
- User-friendly to allow for easier operator interface – plug in, turn on and forget
- Run on standard 240 VAC single-phase power, electrical grid or generator
- Tie-down provision for all military transport, cargo and medical aircraft
- Designed for reliability in harsh conditions (10° - 120° F)
- Zero Loss Feature – will re-liquefy any oxygen gas that boils off when in standby mode
- Systems automatically start and stop based on liquid level in a 40 (OGL) liter tank
- Provide 11 L/min 93% USP gas for filling HP cylinders
- Washable/Reusable Filters

### Applications

Medevac (fixed & rotary wing) and ground transport, parachutist and ground evacuation.

<b>CAPACITY</b>	40 Liters
<b>DIMENSIONS (W" x L" x H")</b>	33 x 35 x 57
<b>FULL WEIGHT</b>	880 lbs
<b>EMPTY WEIGHT</b>	780 lbs
<b>TOTAL GASEOUS VOLUME</b>	34,400 Liters
<b>SYSTEM INTERNAL PRESSURE</b>	0-40 PSIG
<b>LOX DELIVERY/OUTLET PRESSURE</b>	20-40 PSIG
<b>O2 GAS DELIVERY RATE &amp; PRESSURE</b>	11 LPM at 7 PSIG
<b>OPERATING TEMPERATURE</b>	0° F to 120° F
<b>OPERATING POWER</b>	200-240 Volt ac, 50-60 hz, single phase
<b>OUTLET PORTS</b>	CRU-59/E type fill valve on 8' hose
<b>TRANSPORTING</b>	Two (2) forklift tube and Four (4) retractable locking casters

