

BACKPACK MEDICAL OXYGEN SYSTEM (BMOS)

P/N 50C-0089-4 | NSN 3655-01-628-1034

The Backpack Medical Oxygen System (BMOS) is a low pressure, portable 2 liter liquid oxygen storage and gaseous delivery system.

- FDA Life Support device 510(k) 071581
- Requires no external power and uses six (6) AA Batteries for the quantity indicator
- Low pressure
- Portable and lightweight
- Rugged
- User friendly
- Built-in flow control valve, 0 to 15 LPM with 11 settings (0.5, 1, 2, 3, 4, 5, 6, 8, 10, 12, 15 LPM)
- CRU-50/A Fill Fitting
- Tested to MIL-STD-810

Applications

Can be carried or worn by parachutists and ground support personnel.



CAPACITY	2 Liters
DIMENSIONS (W" x L" x H")	7.5 x 17.5 x 6.5
FULL WEIGHT	19 lbs
EMPTY WEIGHT	14 lbs
TOTAL GASEOUS VOLUME	1,720 Liters
SYSTEM INTERNAL PRESSURE	45-65 PSIG
LOX DELIVERY/OUTLET PRESSURE	50 ± 5 PSIG
MAX FLOW RATE	15 LPM
OPERATING TEMPERATURE	32° F to 120° F
INDICATOR POWER	Six (6) AA Batteries
OUTLET PORTS	One (1) DISS 1240 Port & One (1) Flow Control Valve with 1/8" Barb Port
BUILT IN FLOW CONTROL VALVES	0 to 15 LPM with 11 Settings (0.5, 1, 2, 3, 4, 5, 6, 8, 10, 12, 15 LPM)
FILL CONNECTION	CRU-50/A Fill Fitting

