

As a leading supplier to the aerospace and defence industries since 1947, Essex Industries manufactures platform controls, aircraft components, emergency breathing equipment, and liquid oxygen systems.



## Ground Support Equipment

ESSEX<sup>TM</sup>  
INDUSTRIES

We are proud to be Essex Industries' in-country partner, further complementing our quality and service standards.

### 50 Gallon Lox Cart

The 50 Gallon LOX Cart is a mobile liquid oxygen storage tank assembly that allows for maximum reliability and portability with minimal maintenance. It can be used with all Essex LOX Converters, BMOS, BMOS-FS, MMOS, NPTLOX and PTLOX.

- Meets and / or exceeds functional and environmental requirements of MIL-PRF-38170
- Tested to MIL-STD-810
- Conforms to mobility requirements of SAE-A58090 (MIL-M-8090, Type II, Group A equipment)
- Modular construction
- Lift / tie down rings



### 500 Gallon Lox Trailer

The 500 Gallon LOX Trailer is a mobile liquid oxygen storage tank assembly and can be used with all Essex LOX Converters, BMOS, BMOS-FS, MMOS, NPTLOX, PTLOX and 50 Gallon LOX Carts.

A 500 Gallon LIN Trailer for the transport and storage of liquid nitrogen is also available.

- ASME certified tank builder
- Trailer Mounted and Forklift Compatible
- Tested to MIL-STD-810



### Backpack Medical Oxygen System (BMOS)

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

- Requires no external power and uses six AA batteries for the quantity indicator
- Low pressure
- Portable & lightweight
- 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



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## Backpack Medical Oxygen System Filling Station (BMOS-FS)

The BMOS Filling Station (BMOS-FS) is a low pressure, portable 20 litre liquid oxygen storage device designed to fill multiple BMOS or MMOS systems prior to use. Average filling time is approximately three minutes to fill either system. Requires no external power and uses two 9-Volt batteries for the quantity indicator. The BMOS-FS Hose Kit is used to connect the MMOS for refilling.

- Low pressure
- Portable & lightweight
- Rugged
- User friendly
- Built-in flow control valve
- Tested to MIL-STD-810



## Mounted Medical Oxygen System (MMOS)

The Mounted Medical Oxygen System (MMOS) is a low pressure, portable 4 litre liquid oxygen storage and gaseous delivery system.

- Requires no external power and uses one 9-Volt Battery for the quantity indicator
- Two DISS 1240 Ports & two Flow Control Valves with 1/8" Barb Ports
- Low pressure
- Portable & 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)
- BMOS-FS Hose Kit connects the MMOS to the BMOS-FS for refilling
- CRU-50/A Fill Valve
- Tested to MIL-STD-810



## Emergency Passenger Oxygen System (EPOS)

The Emergency Passenger Oxygen System (EPOS) is a self-contained protective breathing device intended for trained individuals in military aircraft emergencies including decompression, fire, evacuation, rescue, smoke-filled cabins, toxic fumes or hazardous cargo spills.

The EPOS utilises compressed aviator grade oxygen and CO2 scrubbers to furnish up to 60 minutes for someone at rest. The patented hood provides 360° visibility and dons in less than 15 seconds.

Used by USAF and other air forces around the world.

- Up to 60 minutes of protection
- Lightweight & portable
- 360° visibility
- 10+ year shelf life



For more information, please contact:



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