

SOLR[®] 3000

122 CU. IN. Bailout Bottle



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WHERE TECHNOLOGY **»** TAKES FLIGHT

SOLR[®] 3000

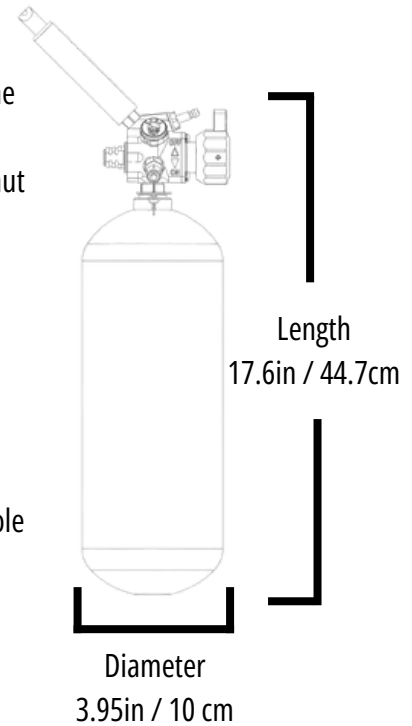
122 CU. IN BAILOUT BOTTLE

The SOLR 3000 is the latest parachutist oxygen system designed by Airborne Systems. When used with a parachutist oxygen mask, it is suitable for the most extreme HAHO/HALO missions.

The manifold size has been reduced to lower the equipment footprint and weight on the jumpers, the new design can be stored full for extended periods without pressure loss. The double action rotating oxygen toggle switch eliminates unintentional oxygen flow shut off for increased safety. The manifold maintenance intervals have been significantly increased (inspection every 30 months, service every 60 months.)

Performance and Features

- Brass pressure reducer, oxygen safe up to 4,500 psig (tested @ 5395 psig)
- Low profile oxygen gauge, easily visible
- Easy maintenance (30 months inspection cycles, 60 months service cycles)
- Console interface includes automatic shutoff feature when connected to the console
- Compatible with legacy PHAOS and US Army POM masks



Specifications

Part Number	603828-0	
Medium	100% Oxygen	
Cylinder Fill Pressure (Max)	3,000 psi	207 bar
Outlet Pressure	40 - 50 psi	2.8 - 3.4 bar
Weight Empty	5.5 lb	2.5 kg
Expanded Gas Volume	14.6 cu ft at 3,000 psig	414 liters at 207 bars
Cylinder Water Volume	122 cu in	2 liters
Cylinder Type	DOT, Carbon fiber wrapped with aluminum lined composite	
Operating Environment		
Tested	Per MIL-STD-810G	
Temperature	-65° to 160°F	-54°C to 71°C
Humidity	0 to 100%, non-condensing	
Altitude (ceiling)	35,000 ft	10 668 m
Product Interfaces		
Fill port	IAW AN800	
Outlet fitting	Quick Disconnect Socket (mates with 1/8 inch plug)	
Charging System (optional)	SOLR Oxygen Booster Pump	