

INHALATION SYSTEM OXYLATOR EMXBT

MANUFACTURER: LIFESAVING SYSTEMS

Manufacturer Model# CPR-EMXBT

Manufacturer's PHONE: (770) 552-8696 FAX: (770) 552-8644

Manufacturer's Website: <<http://www.lifesavingsystemsinc.com>>

Item Web Link:

<<http://www.lifesavingsystemsinc.com/military.htm>>

AAC 'D' ITEM NSN 6515-01-518-3892

UAs: 268B, 506A

USAMMA POC: Customer Relationship Management 301-619-1288/4301 - DSN 343-1288/4301

UNIT PRICE: \$875.00

System Description: The Oxylator EMX is a positive pressure resuscitation and inhalation system that uses a patented, patient responsive technology. It requires no power source other than a 50 psi (pounds per square inch) supply of compressed oxygen or air. It will operate with either the mask or ET (extension) tubes. The Oxylator EMX is not demand valves or vents, but is a new technology, pressure-limited/flow-triggered ventilation device designed to replace the BVM (bag valve mask) during CPR, resuscitation, and transport. It is very small, light-weight, rugged, easy to use, and easy to decontaminate. The Oxylator EMX is ideal for confined space or toxic environment rescue. It offers hands-free patient ventilation that also operates in-sync with chest compressions during CPR. Additionally, the Oxylator EMX can be supplied with butyl rubber components for use in HAZMAT (hazardous materials) and MCI (mass casualty incident) environments.

Features:

- Alerts to airway obstruction – “stuttering” sound
- Positive pressure ventilation – CPR / HAZMAT
- Closed ventilation – HAZMAT / MCI environments
- Option of butyl rubber components – HAZMAT / MCI
- Alerts to mask or ET-tube leak – no cycling occurs
- Easily used by heavily gloved hand – HAZMAT / MCI
- Adaptable to SCBA (self contained breathing apparatus) tank with SCBA regulator – MCI / USAR (urban search and rescue)
- Reduces gastric insufflations – flow < 36 liters/min. / < 30 liters/min.
- Reduces caregiver’s fatigue – hands free ventilation
- Built-in inhalator delivers enriched oxygen / air mix
- BPM (beats per minute) rate changes = lung compliance changes
- Keeps the airway open – maintains 2 to 4 cm H₂O PEEP (positive end-expiratory pressure)
- Patient does not “buck” ventilation as with vents
- Adapts to I:E (Inspiratory to Expiratory) Ratios – patient sets natural BPM
- Certified for fixed and rotary wing aircraft



**INHALATION SYSTEM OXYLATOR EMXBT, 2 - ONE WITH MASK AND ONE WITH TUBE
PART # CPR-EMXBT
NSN 651501518392**



**HOSE
PART # CPR-3F
NSN 6515014821580**



**EXTENSION
PART # CPR-29
NSN 6515015373162**



**FILTERS, SINGLE USE, DISPOSABLE
PART # CPR-7A
NSN 6515014773259**

**INHALATION SYSTEM OXYLATOR EMXBT
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

Item Dimensions	Height (Inches)	2.75
	Width (Inches)	9.75
	Length (Inches)	4.25
	Cube (Cubic Feet)	0.0659
	Weight	0.55 lb
Ship Dimensions	Height (Inches)	
	Width (Inches)	
	Length (Inches)	
	Cube (Cubic Feet)	
	Weight	
Storage Temp		-40 to 158 °F
Operating Temp		-22 to 140 °F
Storage Humidity		
Operating Humidity		
Amps		
Watts		
Power Requirements	N/A	
Notes	<p>Required Source Pressure: 45 - 80 psig (pounds per square inch, gauge), 3.0 - 5.5 bar Required Flow (Source): min. 40 Lpm (liters per minute) Dead Space: 22 mL (milliliters) Inspiratory Flow Rate: 30 Lpm Minute Volume Delivered: 10 to 12 Lpm Minimum Time of Oxygen Supply: cylinder volume divided by 121 / min Inhalation / Exhalation Ratio: 1:1 to 1:2 PEEP: 2 to 4 cm H2O Ventilatory Frequency: auto-adjusting to lung capacity Range of Pressure Relief: 20 – 45 cm H2O, 15 – 34 mmHg (millimeters of mercury) Expiratory Resistance: approximately 5 cm H2O Suitable Body Mass Range: 22 lbs + Inhalator, Oxygen / Air Mixture: 100% O2 at 14 to 15 liters flow Oxygen Concentration: 100% during auto resuscitation mode Viral / Bacterial Filter: single use, disposable Mask / Airway Connections: 15 mm internal / 22 mm external Obstructed Airway Warning: rapid cycling, audible and visual</p>	

**INHALATION SYSTEM OXYLATOR EMXBT
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Lifesaving Systems	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6515015183892		Inhalation System Oxylator EMXBT	CPR- EMXBT		1	EA	\$875.00	\$875.00	N/A
6515014773259		Filter Particle Viral	CPR-7A		1	5/BG	Incl w/NSN 3892	Incl w/NSN 3892	N/A
6515014821580		Hose	CPR-3F		1	EA	Incl w/NSN 3892	Incl w/NSN 3892	N/A
6515015373166		Extension w/Filter	CPR-29A		1	EA	Incl w/NSN 3892	Incl w/NSN 3892	N/A
7610015437003		Literature, Operation			1	EA	Incl w/NSN 3892	Incl w/NSN 3892	N/A
NSN Not Required		Test Sheet			1	EA	Incl w/NSN 3892	Incl w/NSN 3892	N/A