A “positive pressure” resuscitation and inhalation system that uses a patented, patient responsive technology. It requires no power source other than a 50 PSI supply of compressed oxygen or air.

The Oxylator EM-100 is not a “demand valve” or a “vent”, but it is a pressure limited / flow triggered ventilation device designed to replace the BVM during CPR and short transport. It is very small, light weight, rugged, and easy to use / clean. The Oxylator EM-100 is ideal for confined space or toxic environment extrication / rescue, and offers a “hands free” ventilation feature that operates “in-sync” with chest compressions.

Unique Operating Features
- Alerts to Airway Obstruction—“Stuttering” Sound
- “Positive Pressure” Ventilation—CPR / HAZMAT
- Delivers More Consistent AHA Required Volumes
- Built-in Inhalator Delivers Enriched Oxygen / Air Mix
- Alerts to Mask or “Tube” Leak—No Cycling Occurs
- “Closed” Ventilation—HAZMAT Environments
- NO “Stacking” Occurs—Adapts to Exhalation Length
- Reduces Gastric Insufflation—Flow Rate < 40L/Min.
- Adaptable to SCBA Tank Through Special Regulator
- Easily Operated by Heavily Gloved Hand—HAZMAT
- Patient Does Not “Buck” Ventilation as on a “Vent”
- Keeps the Airway Open—Maintains 2-4 cmH2O PEEP
- BPM Rate Changes = Lung Compliance Changes
- Reduces Caregiver’s Fatigue—Extra Set of Hands
- Adapts to I : E Ratios—Patient Sets “Natural” BPM

Highest Level of Standards
- Meets American Heart Association Recommendations for “Adjuncts for Oxygenation, Ventilation, and Airway Control” (Part III, Adult Advanced Cardiac Life Support of Guidelines for Cardiopulmonary Resuscitation and Emergency Care, 1992)
- The Oxylator EM-100 is a “Pressure Limited, Flow Triggered” Resuscitation and Inhalation System
- Classified under JAMA Guidelines as a Class 1 (One) Device
- Meets ASTM F920-85 Minimum Performance and Safety Requirements for Resuscitators Intended for Use with Humans
- Meets ISO 8382 Standards for Resuscitators Intended for Use with Humans
- Numerous Hospital and Field Clinical / Scientific Studies Posted at the Web Site: www.cprmedic.com
- FDA 510 (K) Clearance # K944349 Describes the Oxylator EM-100 as a Resuscitation and Inhalation System (March 31, 1995)
- FDA Regulatory Class II (Two) FDA Product Code # 73 BTL
- Military National/NATO Stock Number (NSN #) 6515-01-465-2119

What A Professional Said About The Oxylator EM-100
The Oxylator may be one of the best purchases I’ve ever made. During one of its initial uses, it allowed me to concentrate on starting IV’s while my paramedic partner was doing his job. It was like having a third technician just to manage the airway. We recorded a save from this call, due in part to the excellent airway management of the EM-100 & the ability of both paramedics to do their job.

Gary Whitman, EMT-P
Chief, Dunn Rescue Squad
Dunn, North Carolina