

SAVe (Simplified Automated Ventilator)

Designed by US Army Medical professionals and the Defense Advanced Research Projects Agency (DARPA) specifically for field care, the SAvE is the ideal solution when size, weight, and simple/rapid use are of extreme importance. The SAvE is the alternative to costly ventilators or to a manual device (Bag Valve Mask) used in the pre-hospital environment to provide positive pressure ventilation to a patient who is not breathing or breathing inadequately. Unlike with a manual device, the SAvE enables EMS operators to be hands free to perform other critical tasks on patients and eliminates the risks of high incidence of gastric insufflation, hyperventilation and increased intra-thoracic pressure associated with the use of a manual device.

The SAvE is a hands free, compact, lightweight and solid ventilator with alarms and safety features, not found elsewhere at its price. It uses a pump to deliver a 600ml tidal volume and fixed respiratory rate of 10BPM, in compliance with the American Heart Association, reducing operator error and eliminating the guesswork associated with bagging a patient. The SAvE accepts supplemental low pressure oxygen but does not require compressed gas to ventilate the patient. Ventilation can be provided through the included mask or the SAvE can be connected directly to an endotracheal tube or other airway adjunct. The SAvE operates up to 5.5 hours on a single battery charge and may be recharged from a standard AC outlet. It's a set flow, time cycled, volume targeted, pressure limited (38 cmH₂O) device. The SAvE is perfect for the needs of field medics, mass casualty incident coordinators and EMS professionals.



FEATURES & BENEFITS

VERSATILE

- Allows spontaneous breathing
- Accepts up to 6LPM supplemental O₂
- Powered by rechargeable battery or electrical outlet

SAFE

- Preset single Tidal Volume & Respiratory Rate reduces operator error
- Detects blockage and disconnects
- Fail-Safe mechanisms and Visual/Audible Alarms
- Preset pressure limit prevents over-inflation
- EtCO₂ detector compatible
- No compressed gas required

PARAMETERS

Ventilation Mode:	Positive Pressure ventilation
Tidal Volume:	600ml
FIO ₂ :	Ambient air (21%) or supplemental oxygen (21 to 62%)
Peak Inspiratory Pressure:	38cmH ₂ O
Inspiratory / Expiratory Time:	2.25 seconds / 3.85 seconds
Breathing Rate:	10BPM (fixed)
Alarms:	Low pressure (disconnect), High pressure (blockage) and Low battery.
Alarm Mute:	Yes (on-off switch)
Operating Time:	5.5 Hours on Lead-Acid rechargeable battery or continuous on AC power.
Dimensions:	16.5 x 16.9 x 6.3cms (Hard Case = 41cm L x 30cm W x 18cm D)
Weight:	1.3kgs (Ventilator) or 4.9kgs (Ventilator, accessories & Hard Case)

STANDARD PACKAGE WITH ACCESSORIES INCLUDED

- SAvE Ventilator (NSN 6515-01-560-7288)
- Patient Breathing Circuit single use (99cm Long)
- Debris Filter (pack of 5)
- Medium Adult Patient Mask
- Power Charger (100-240 / 50/60Hz)
- Oxygen Tubing
- Head Restraint Strap
- User Manual
- 1 year Warranty

EASY TO USE

- Hands free
- Single knob operation
- Low training requirements

USE ANYWHERE

- Rugged, Compact and Light
- Self contained
- Long shelf life and durability

OPTIONAL ACCESSORIES

- Hard waterproof carrying Case
- Soft Ruggedized Carrying Case
- Mounting Plate with Velcro backing

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