

CAREvent[®] EMT

Handheld Automatic Transport Resuscitator



CAREvent[®] EMT
Part #: 01CV0500



MEDICAL TECHNOLOGIES INC

"INNOVATION IN RESUSCITATION"

CAREvent[®] EMT

Providing “**TRUE AUTOMATIC VENTILATION**” at an affordable price, the **CAREvent[®] EMT Handheld Resuscitator** provides trained individuals with a safe and effective means of providing artificial ventilation during respiratory and/or cardiac arrest.

Trained individuals now have a safe, effective and inexpensive means of providing artificial ventilation during respiratory and/or cardiac arrest. The micro-pneumatic circuitry of the **CAREvent[®] EMT** requires no batteries or electrical supply to operate. Simply attach to any medical oxygen regulator or hospital wall outlet with a 50 - 70 psi outlet pressure for the **CAREvent[®] EMT** to operate.

The **single slider control** allows for the simultaneous adjustment of ventilation frequency and tidal volume and has six preset automatic and manual override settings for a range of patients from 20 kg. body weight to large adults. An **OFF** position is provided so that the device can be left attached to the gas supply with the supply turned on, ready for immediate use.

This pneumatically powered, time/volume cycled ventilator has the added feature of a **Manually Actuated, Automatic Ventilation Override Button** (Manual Button). During “mask ventilated” CPR the first breath is provided automatically followed by a manually actuated breath.

This inhibits the automatic cycling for 20 seconds, allowing the rescuer to provide the 30 chest compressions required by the current resuscitation guidelines before the resuscitator provides the next breath. If the Manual Button is not depressed again, the automatic cycling will re-start without any intervention by the operator being necessary.

The patient is protected from barotrauma due to over inflation by the **Pressure Relief System** (with audible alarm). This warns the operator of airway obstruction or restriction. The excess delivered volume is discharged to atmosphere when the alarm activates.

Hand-held, lightweight, portable, simple to use and extremely durable, the **CAREvent[®] EMT Handheld Resuscitator** is specifically designed for the demands of the emergency resuscitation and rescue environment.

Accessories available for the **CAREvent[®] EMT** include the Gurney Clip (supplied with the device) which allows the device to be attached to the hand rail of the gurney and the **CAREvent[®] Transport Ventilator** circuit.

WARRANTY: This product has a two year warranty against manufacturers defects.

NOTE: This device is intended for use by persons trained in CPR and in the use of this device.

SPECIFICATIONS

Tidal Volume:	150 - 600 ml	Storage Temperature:	-40°C to +60°C (-40°F to 140°F)
Breaths Per Minute:	20 - 10	Relative Humidity for Storage and Operating Use:	15 to 95%
I:E Ratio:	1 : 2	Input Connection:	Fixed
Automatic Flow Rate Range:	9 - 18 L/min	Hose connection to regulator:	9/16 DISS
Manual Flow Rate Range:	As per Vt/BPM Control Setting	Patient Valve Dead Space:	8 ml.
Input Pressure:	50 PSI (3.4 Bar)	Dimensions (inches):	5.5 x 2.5 x 2.9 (approx)
Audible Pressure Relief Valve:	60 cm H ₂ O	(millimeters):	140 x 63 x 73 (approx)
Operating Temperature:	-18°C to +50°C (0°F to 122°F)	Weight:	15 oz. / 430 gms (approx)

Ordering information: 01CV0500 **CAREvent[®] EMT** Handheld Automatic Resuscitator and Supply Hose,
c/w 5 single use patient valves with Universal Resuscitation Facemasks