

CAREvent[®] ALS

Handheld Automatic Transport Resuscitator



CAREvent[®] ALS
Part #: 01CV3000



"INNOVATION IN RESUSCITATION"

CAREvent[®] ALS

The **CAREvent[®] ALS Handheld Resuscitator** provides trained individuals with a safe and effective means of providing artificial ventilation during respiratory and/or cardiac arrest.

The **CAREvent[®] ALS Handheld Resuscitator** is a pneumatically powered, time/volume cycled resuscitator with the added feature of a **Manually Actuated, Automatic Ventilation Override Button** (Manual Button). No electrical supply or batteries are required to operate the device.

The single slider control for the simultaneous adjustment of ventilation frequency and tidal volume has six, preset, automatic and manual override settings for a range of patients from 20 kg. body weight to large adults.

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 recommended by the current guidelines for resuscitation without the ventilator attempting to provide the next breath.

If the Manual Button is not depressed again the automatic cycling will re-start at the selected rate and volume without any intervention by the operator being necessary.

An **OFF** position is provided so that the **CAREvent[®] ALS** can be left attached to the gas supply with the supply turned on ready for immediate use.

The patient is protected from barotrauma due to over inflation by the audible, Pressure Relief System. This warns the operator of airway obstruction or airway restrictions. The excess delivered volume is discharged to atmosphere.

The **CAREvent[®] ALS Handheld Resuscitator** also offers a **"Demand Breathing"** feature. This allows breathing patients to spontaneously breathe through the resuscitator on 100% oxygen, at their own desired rate and volume.

In addition, their inspiratory efforts will cause the automatic cycling to cease. Should the patient stop breathing again, the ventilator will restart cycling automatically at the selected rate and volume, without any intervention by the operator being required.

NOTE: *To ensure proper ventilation of the patient in a weakened respiratory state, the automatic cycling shut off will only activate if the patient's inspiratory efforts are adequate.*

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

Accessories available for the **CAREvent[®] ALS Handheld Resuscitator** include the Deluxe Transport Ventilator circuit with PEEP port and the Gurney Clip (supplied with each unit), which allows the device to be attached to the hand rail of the gurney.

SPECIFICATIONS

Tidal Volume:	150 - 600 ml	Audible Pressure Relief Valve:	60 cm H ₂ O
Breaths Per Minute:	20 - 10	Operating Temperature:	-18°C to +50°C (0°F to 122°F)
I:E Ratio:	1 : 2	Storage Temperature:	-40°C to +60°C (-40°F to 140°F)
Automatic Flow Rate Range:	9 - 18 L/min	Relative Humidity for Storage	
Manual Flow Rate Range:	As per Vt/BPM Control Setting	and Operating Use:	15 to 95%
Manual Override Delay Time:	20 (+/-15%) Seconds	Input Connection:	9/16" DISS
Demand Breathing Flow Rate:	0 - 120 L/min	Patient Valve Dead Space:	8 ml.
Demand Breathing Triggering Pressure:	-6cm H ₂ O@60 L/min	Dimensions (inches):	5.5 x 2.5 x 2.9 (approx)
Auto Shut Off Delay Time: 5 - 8 Seconds		(millimeters):	140 x 63 x 73 (approx)
Input Pressure:	45 - 70 PSI (3.1 - 4.8 Bar)	Weight:	16 oz. / 450 gms (approx)

Ordering information: 01CV3000 **CAREvent[®] ALS Handheld Resuscitator**
c/w 6 Foot Supply Hose and Universal Resuscitation Facemask