

# CAREvent<sup>®</sup> PAR

## *Public Access Resuscitator*



**“Providing a significant technological advance in first responder CPR performance”.**

# CAREvent® PAR

In the event of a cardiac arrest, rescuers may be unwilling to perform CPR because of panic, fear of doing harm, or fear of cross contamination by performing mouth-to-mouth resuscitation. The **CAREvent® PAR - "Public Access Resuscitator"** has been specifically designed to eliminate these concerns, **"Bridging the gap between FEAR and EFFICACY in CPR"**.

The **CAREvent® PAR** assists the rescuer in providing **"efficient and effective CPR"** by providing them with **audible and visual prompts** for chest compressions, ventilation timing and **automatic ventilations**.

The visual prompts aid the rescuer in their CPR efforts by providing illuminated pictograms of the CPR process timed with the audible voice prompts. These voice and visual prompts help to significantly reduce interruptions in chest compressions.

The **CAREvent® PAR** provides **high quality automatic ventilations with 100% oxygen**, in a safe and effective manner, consistent with the current resuscitation guidelines. Since breaths are provided in line with the resuscitation guidelines, an M4 cylinder with a capacity of 113 Liters of oxygen will provide ~ 30 minutes of resuscitation time.

## Specifications

Tidal volume:	700 ml
Compression:Ventilation Ratio:	30:2
Inspiratory Time:	1 second
Input Pressure Range:	45 - 70 PSI
Automatic Flowrate:	42 L/min
Oxygen Concentration:	100%
Relief Valve pressure Range:	45 cm H <sub>2</sub> O
Operating Temperature Range:	-18°C to +50°C
Storage Temperature Range:	-40°C to +60°C

The controlled flowrate (and subsequent low airway pressures) removes the risks to the patient commonly associated with mouth-to-mouth or bag-mask ventilation of putting air into the stomach and restricting the flow of blood back to the heart.

The audible and visual warning of mask leakage or airway obstruction assists the rescuer in ensuring that adequate tidal volumes are delivered. This is achieved by instructing the rescuer on head tilt and sealing of the mask to the face. Compression time is not sacrificed if the rescuer is unable to get a perfect mask-to-face seal or head tilt, because the design of the device allows for a 40% mask leak and a peak airway pressure of 45 cm H<sub>2</sub>O before the alarm activates.



Designed to provide the links in the **"Chain of Survival"** not provided by any other device, the **CAREvent® PAR** is an invaluable adjunct to the skill and training of both lay, and professional rescuers during CPR.

### The CAREvent® PAR:-

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Airway Pressure Alarms:	Visual & Audible
Dimensions (approx):	9.8" x 9.6" x 3.1" 25 x 24.4 x 8 cms
Weight:	2.7 lbs (1.2 Kg) Insp.
Resistances:	<-5 cm H <sub>2</sub> O@ 60 L/min
Exp. Resistances:	< 6 cm H <sub>2</sub> O@ 60 L/min
Audible Prompts:	Mask Placement, Compression Timing and Hand Placement, Head Tilt/Mask Seal, Mask Leak/Airway Obstruction Ventilation
Visual prompts:	Compression, Ventilation, Mask Leak/Airway Obstruction

### Ordering Information:

01CV0100 CAREvent® PAR	c/w Control module, supply hose, single use patient circuit with cuffed facemask and mask retaining strap
01CV0112 CAREvent® PAR	c/w Control module, carrying frame, supply hose, single use patient circuit with cuffed facemask and head strap, oxygen cylinder and regulator
01CV0120 CAREvent® PAR	c/w Control module, soft pack carrying case, supply hose, single use patient circuit with cuffed facemask and head strap, oxygen cylinder and regulator