

# CAREvent<sup>®</sup> CA

(DGMS Approved vide SA-01/07)

Consistent Automatic Resuscitation Equipment  
Rescue Resuscitator



# Handheld Automatic Mine Rescue Resuscitator

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## Consistent Automatic Resuscitation Equipment Rescue Resuscitator

The rescue of a trapped miner underground has presented new challenges over the last few years. The CAREvent<sup>®</sup> CA (DGMS Approved vide SA-01/07) Automatic Rescue Resuscitator has been developed to meet these challenges complying with the latest European Resuscitation Council (ERC) and American Heart Association (AHA) Guidelines 2000 for Resuscitation.

The CAREvent<sup>®</sup> CA (DGMS Approved vide SA-01/07) Rescue Resuscitator has "a Setting Selector Slider Control" to select the correct rate and volume for the patient being rescued. The underground mining environment is considered to be so hazardous that the less the rescuer has to do to ventilate and transport the patient, the quicker the patient can be resuscitated and the greater chance for the patient's survival.

All the rescuer has to do is secure the patient's airway, turn on the oxygen or air supply and apply the face mask to the patient's face.

The CAREvent<sup>®</sup> CA (DGMS Approved vide SA-01/07) Rescue Resuscitator will provide automatic ventilation to the non-breathing patient at a rate and volume designed to reduce the risk of gastric insufflation.

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

Should the patient start spontaneous breathing, the "Demand Breathing" feature of the CAREvent<sup>®</sup> CA (DGMS Approved vide SA-01/07) Rescue Resuscitator will allow the patient to breath on their own.

During CPR a Manual Override Button is provided to allow for the provisions of 2 breaths followed by 15 chest compressions.

The patient's inspiratory effort (if adequate) will also cause the "Automatic Circuit Shut Off" to stop the automatic cycling of the resuscitator allowing the patient to breathe at their own rate and volume. If the patient stops breathing again, the automatic cycling will restart with no action required on the part of the rescuer.

By combining "simplicity of operation" with technological sophistication, the CAREvent<sup>®</sup> CA (DGMS Approved vide SA-01/07) Rescue Resuscitator provides trained individuals with a safe and effective means of providing artificial ventilation and enhance patient transport during respiratory arrest that may occur during mining operations rescue.

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

### SPECIFICATIONS

Tidal Volume:	200 - 1100 ml	Relief Valve Pressure:	60 cmH <sub>2</sub> O
Breaths per Minute:	12 - 20	Operating / Storage Temperature:	-35° to +60° C
I:E Ratio:	1 : 2	Input Connection:	9/16" DISS
Automatic Flow Rate:	12 – 39.6 Lpm	Patient Connection:	15-22mm
Demand Breathing Flow Rate:	0 - 120 Lpm	Patient Volume Dead Space:	8 ml
Demand Breathing Triggering Pressure:	> - 5.0 cmH <sub>2</sub> O @ 100 Lpm	Dimensions (inches) (millimeters)	5.5 x 2.5 x 2.9 140 x 63 x 73
Minimum Input Pressure:	45 psi	Weight:	16 oz / 0.45 Kg
Maximum Input Pressure:	70 psi		