



MicroVENT™ CPR RESUSCITATOR

- **TEN breaths per minute.**
- **ONE second inspiratory time.**
- **Pneumatic Oxygen powered resuscitator.**
- **Automatic (time cycled) and manual trigger.**
- **Suitable for adults & children.**
- **Easy to use.**
- **Lightweight.**
- **Compact.**

A hand-held, lightweight resuscitator with compact dimensions, the Microvent CPR Resuscitator has ergonomic styling to give easy operation with controls in a natural position. It is constructed with a tough reinforced plastic casing to withstand use in difficult situations.

The Microvent patient valve features 22/15mm connections to take standard airway devices and face masks. The oxygen supply hose is 2 metres long and made of resilient reinforced plastics to retain flexibility in cold conditions. A British Standard (BS) medical oxygen supply probe enables use with all BS standard portable and piped oxygen supplies. Other international hose fittings are also available.

CPR Techniques and Devices:*

For the adult cardiac arrest patient who does not have an advanced airway in place, the ATV may be useful if tidal volumes are delivered by a flow-controlled, time-cycled ventilator without positive end expiratory pressure (PEEP). If the ATV has adjustable output control valves, tidal volume should be adjusted to make the chest rise (approx. 6-7 ML/kg or 500 to 600 ML), with breaths delivered over 1 second. Until an advanced airway is in place, an additional rescuer should provide cricoid pressure to reduce the risk of gastric inflation. Once an advanced airway is in place, the ventilation rate should be 8-10 breaths per minute during CPR.

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SPECIFICATION

Patient population range:	Adult / child above 10kg
Automatic operation:	Time cycled. Gas powered.
Automatic flow rate (L/min):	36 to 9
Automatic tidal volume (L):	0.6 to 0.15
Automatic oxygen concentration V/V:.....	100%
Automatic I:E ratio:.....	1:5
Automatic frequency (per minute):	10
Manual flow rate (L/MIN):	40
Pressure relief valve with audible warning limits maximum attainable delivery pressure (KrPa):.....	4.5 (6.0 on request)
Expiratory resistance (KrPa):.....	<0.5
Inspiratory resistance (KrPa):.....	<0.5
Resuscitator weight excluding supply hose (g):.....	275
Maximum resuscitator dimensions excluding supply hose (mm):.....	120 x 55 x 100

TO PURCHASE OR FOR FURTHER DETAILS:

Contact us by email or telephone for more details, including specific part numbers, prices, etc.

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Meditech microVENTs are CE marked in accordance with the Medical Devices Directive in the EU and UKCA to the Medical Devices Regulations 2002. All items in this range are sold with a return to manufacturer warranty against manufacturing defects. These products are part of a series of medical gas and resuscitation products available from B.N.O.S. Meditech. If the product you require is not shown here, or if you require more information, please contact your distributor or contact us directly. Specifications may be subject to change without notice. B.N.O.S. Meditech Ltd Terms and Conditions of sale apply, available on application or from our website.

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