



Advanced
Non-Airmix
model

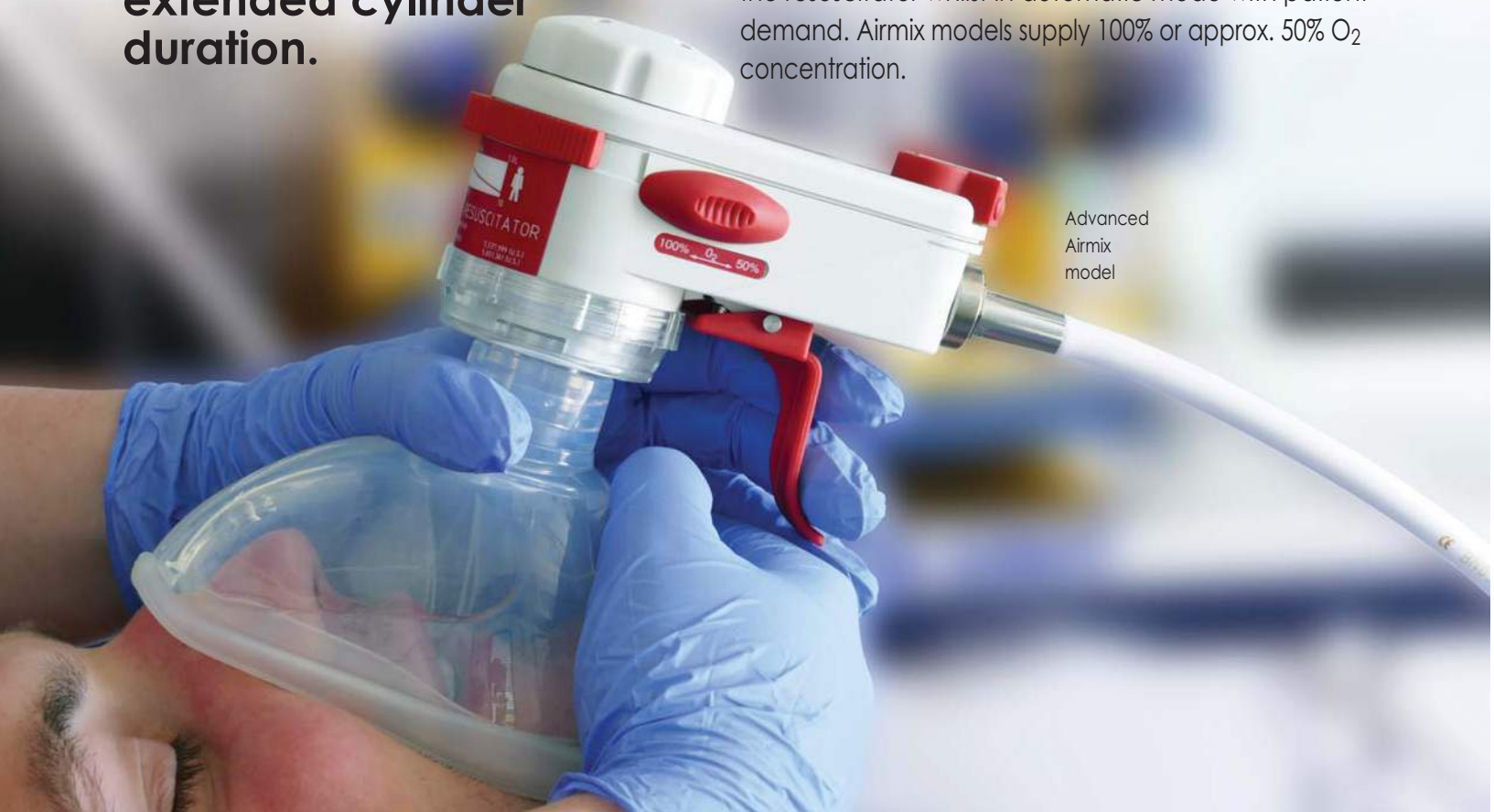
microVENT™ WORLD RESUSCITATOR

- **Pneumatic Oxygen powered resuscitator**
- **Automatic (time cycled) and manual trigger**
- **Suitable for adults and children over 10kg**
- **Easy to use, lightweight and compact**
- **Airmix option for 100% or 50% Oxygen and extended cylinder duration.**

A hand held, light weight resuscitator with compact dimensions, the Microvent World has ergonomic styling to give easy operation with controls in a natural position. It is constructed within 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.

The patient assist valve on advanced models synchronises the resuscitator whilst in automatic mode with patient demand. Airmix models supply 100% or approx. 50% O₂ concentration.



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MICROVENT WORLD SPECIFICATION

Part Number	ADVANCED AIRMIX 670-0531-00	STANDARD AIRMIX 670-0539-00	ADVANCED 670-0506-00	STANDARD 670-0511-00
Patient Population Range	Adult/Child above 10kg	Adult/Child above 10kg	Adult/Child above 10kg	Adult/Child above 10kg
Automatic Operation	Time cycled. Gas Powered.	Time cycled. Gas Powered.	Time cycled. Gas Powered.	Time cycled. Gas Powered.
Patient Assist	Yes	No	Yes	No
Automatic flow rate (L/min)	36 to 11.25	36 to 11.25	36 to 11.25	36 to 11.25
Automatic tidal volume (L)	1.0 to 0.15	1.0 to 0.15	1.0 to 0.15	1.0 to 0.15
Automatic oxygen concentration V/V	100% or approximately 50% with Airmix	100% or approximately 50% with Airmix	100%	100%
Automatic I:E ratio	1:2	1:2	1:2	1:2
Automatic frequency (per minute)	10 to 25	10 to 25	10 to 25	10 to 25
Manual flow rate (L/min)	40	40	40	40
Pressure relief with audible warning limits maximum attainable delivery pressure (kPa)	4.5 (6 on request)	4.5 (6 on request)	4.5 (6 on request)	4.5 (6 on request)
Expiratory resistance (kPa)	<0.5	<0.5	<0.5	<0.5
Patient assist trigger pressure on advanced models (kPa)	<-0.5	NA	<-0.5	NA
Inspiratory resistance without the anti-air-entrainment diaphragm (kPa)	<0.5	<0.5	<0.5	<0.5
Resuscitator weight – excluding supply hose (g)	262	250	214	202
Maximum resuscitator dimensions – excluding supply hose (mm)	120 x 55 x 100	120 x 55 x 100	120 x 55 x 100	120 x 55 x 100

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Each Microvent can be sold as part of a kit. Please call Meditech to discuss your Oxygen Resuscitation Kit requirements.

Meditech can supply Medical Gas Regulators, Oxygen Therapy Oxygen Cylinders, Kit Bags and consumables.

Please see our brochure for our full range of products.

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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