

# medITECH

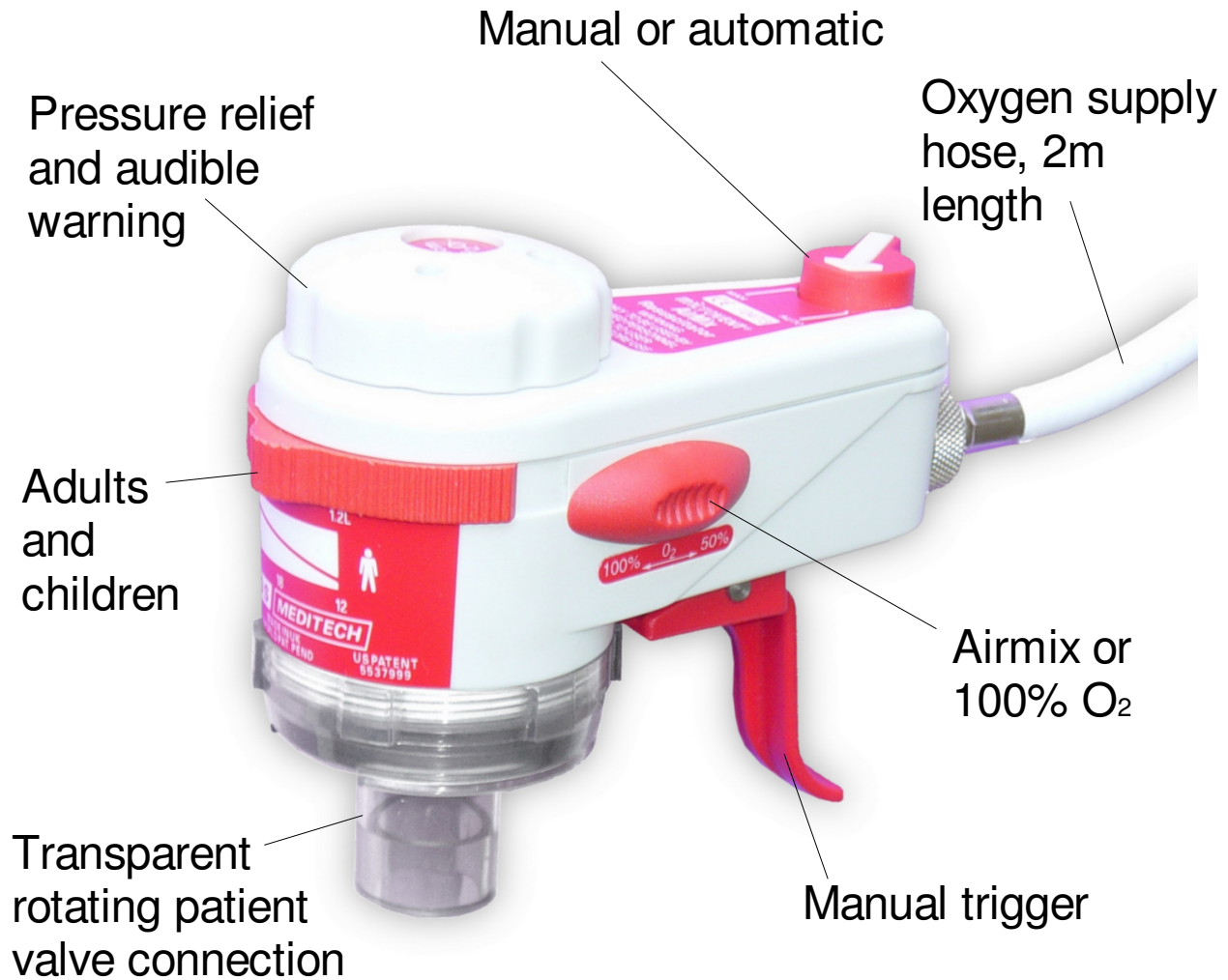
EMERGENCY RESUSCITATION SYSTEMS

## Meditech microVENT resuscitator

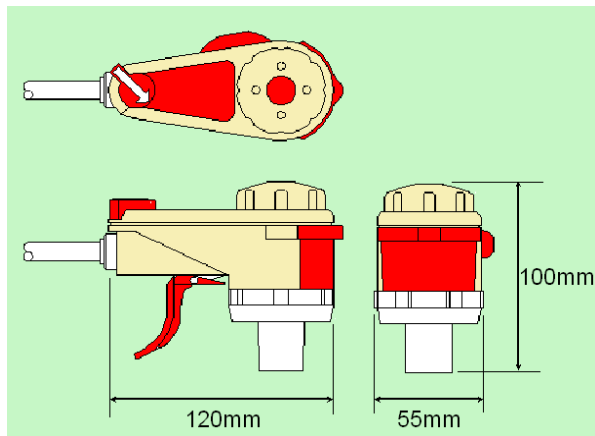


- Pneumatic oxygen powered resuscitator.
- Automatic (time cycled) and manual trigger.
- Suitable for adults and children.
- Easy to use.
- Lightweight.
- Compact.

# Meditech microVENT

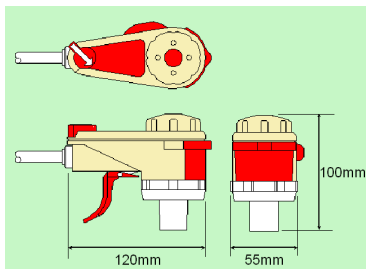


- Handheld resuscitator with compact dimensions and light weight.
- Ergonomic styling gives easy operation with controls in natural position.
- Constructed within a tough reinforced plastic casing the Meditech microVENT is designed to withstand use in difficult situations.
- microVENT patient valve features 22/15 mm connections to take standard airway devices and facemasks.
- The oxygen supply hose is two metres long and made of resilient reinforced plastics to retain its flexibility in cold conditions.
- A BS medical oxygen supply probe enables use with all standard portable and piped medical oxygen supplies. (Other types available for export)
- Excellent visibility of patient and resuscitator controls.



Parameter	microVENT Classic Airmix Adult/Child	microVENT Classic Adult/Child	microVENT European Adult/child	microVENT European Adult only	microVENT Responder
Patient population range	Adult / child above 20 kg	Adult / child above 20kg	Adult / child above 20 kg	Adult only	Adult / child above 20 kg
Automatic operation	Time cycled. Gas powered. (Patient assist synchronisation fitted on "Advanced" models).	Time cycled. Gas powered. (Patient assist synchronisation fitted on "Advanced" models).	Time cycled. Gas powered. (Patient assist synchronisation fitted on "Advanced" models).	Time cycled. Gas powered. (Patient assist synchronisation fitted on "Advanced" models).	No automatic function
Automatic flow rate (L/min)	43.2 to 21.6	43.2 to 21.6	21.5 to 15.5	21.5	Not applicable
Automatic tidal volume (L)	1.2 to 0.3	1.2 to 0.3	0.6 to 0.2	0.6	Not applicable
Automatic oxygen concentration V/V	100% or 50%	100%	100%	100%	Not applicable
Automatic I:E ratio	1:2	1:2	1:2	1:2	Not applicable
Automatic frequency (per minute)	12 to 24	12 to 24	12 to 25	12	Not applicable
Manual flow rate (L/min)	40	40	40	40	40 or 20 (user selectable)
Pressure relief valve with audible warning limits maximum attainable delivery pressure (kPa)	4.5	4.5	4.5	4.5	4.5
Expiratory resistance (kPa)	<0.5	<0.5	<0.5	<0.5	<0.5
Inspiratory resistance without anti-air-entrainment diaphragm fitted (kPa)	<0.5	<0.5	<0.5	<0.5	<0.5
Patient assist trigger pressure on "Advanced" models only. (kPa)	<-0.5	<-0.5	<-0.5	<-0.5	Not applicable
Resuscitator weight - excluding supply hose (g)	295	275	275	275	250
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	120 x 55 x 100

Time cycled NOT pressure cycled.



CE 0473

**Description**

**Order No.**

**Resuscitator part numbers:**

Meditech microVENT Classic Airmix Adult / Child Advanced	670-0060-00
Meditech microVENT Classic Adult / Child Advanced	670-0010-00
Meditech microVENT European Adult / Child Advanced	670-0215-00
Meditech microVENT European Adult only Advanced	670-0261-00
Meditech microVENT Responder	670-0312-00

**Extent of supply:**

Resuscitators are supplied fitted with the 2 m oxygen supply hose.  
Instructions for use.  
Purchasers need to obtain resuscitation face masks and oxygen supply equipment to operate the resuscitator.

**Resuscitation Kit part numbers:**

Meditech microVENT Classic Airmix Adult / Child Advanced	670-0137-91
Meditech microVENT Classic Adult / Child Advanced	670-0130-91
Meditech microVENT European Adult / Child Advanced	670-0302-91
Meditech microVENT European Adult only* Advanced	670-0309-91
Meditech microVENT Responder	670-0311-91

**Extent of supply:**

Resuscitation kits are supplied with:  
Resuscitator fitted with the 2 m oxygen supply hose.  
Instructions for use.  
Kit bag.  
High concentration oxygen therapy mask (Adult).  
High concentration oxygen therapy mask (Child)\*.  
Resuscitation Face mask (Adult).  
Resuscitation Face mask (Small Adult)\*.  
Resuscitation Face mask (Child)\*.  
Set of four oro-pharyngeal airways\*.  
Flexible ET tube mount.  
\* Note. Adult only kits do not include child and small adult resuscitation masks, child therapy masks and smaller airways.  
Oxygen cylinders are available separately.

**Resuscitation Kit part numbers:**

Meditech microVENT Classic Airmix Adult / Child Advanced	670-0137-01
Meditech microVENT Classic Adult / Child Advanced	670-0130-01
Meditech microVENT European Adult / Child Advanced	670-0302-01
Meditech microVENT European Adult only Advanced	670-0309-01
Meditech microVENT Responder	670-0311-01

**Extent of supply:**

As above resuscitation kits but including -  
Oxygen regulator that combines portability and reliability. Equipped with therapy outlet with user selectable flows of 1/2, 1, 2, 3, 4, 6, 8, 10 and 15 litres per minute. Also a BS 5682:1998 standard quick release connector to attach and power the resuscitator.  
Oxygen cylinder key "T" style with retaining lanyard.

**Accessories and spares:**

Resuscitation Face mask 5 (Adult).	673-0452-00
Resuscitation Face mask 4 (Small Adult).	673-0451-00
Resuscitation Face mask 3 (Child).	673-0450-00
Head harness.	673-0445-00
Hook ring.	673-0444-00
Oxygen cylinder 2L 200 bar (supplied filled).	676-0126-00
Oxygen regulator, pin index, therapy, 1BS schraeder outlet.	677-0001-10

**B.N.O.S. Meditech Ltd.**  
9 Fifth Avenue  
Bluebridge Industrial Estate  
Halstead, Essex, CO9 2SZ  
England  
Tel: +44 (0)1787 479475  
Fax: +44 (0)1787 477747  
E-mail: sales@meditech.uk.com  
www.meditech.uk.com

This resuscitator is one of a series of resuscitation products available, if the kit you require is not shown here, or if you require more information please contact your distributor or the manufacturer B.N.O.S. Meditech Ltd. UK Patent No.2270629. USA Patent No. 5537999 & 5351361. Canada Patent No. 2107358. European Patent No. 0578679. Specifications may be subject to change without notice. B.N.O.S. Meditech Ltd. terms and conditions of sale apply.