

# medITECH

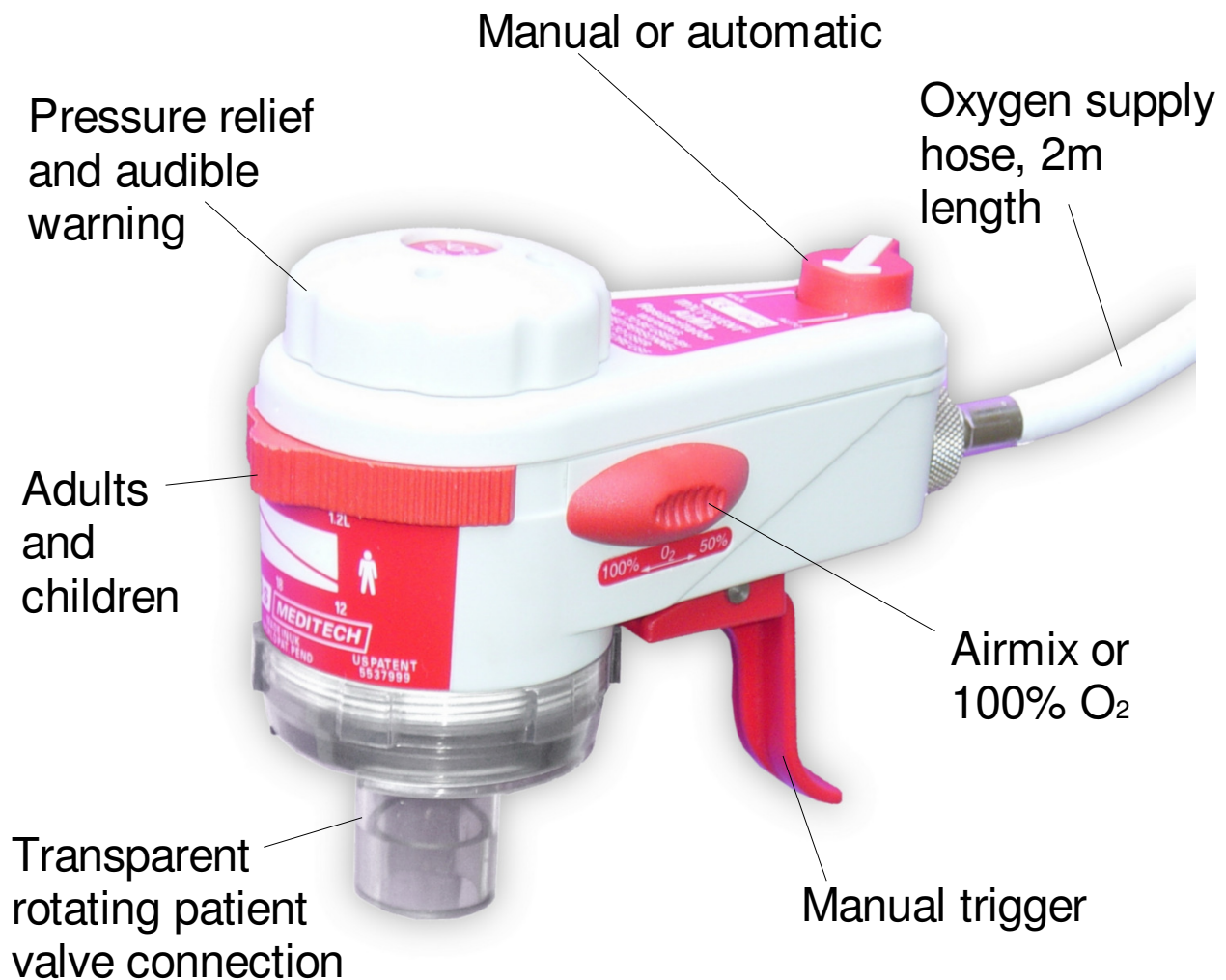
EMERGENCY RESUSCITATION SYSTEMS

## Meditech microVENT resuscitator

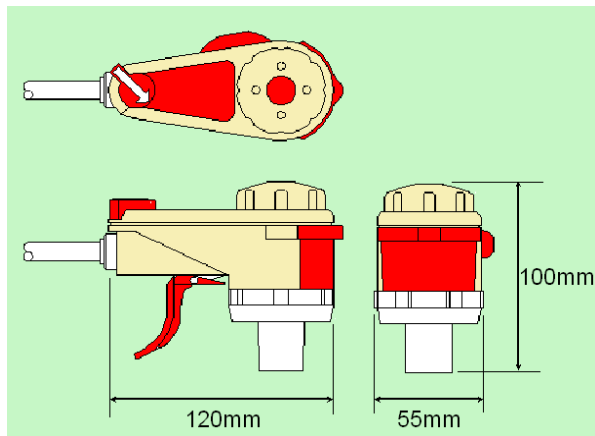


- Pneumatic oxygen powered resuscitator.
- Automatic (time cycled) and manual trigger.
- Suitable for adults and children.
- Easy to use.
- Lightweight.
- Compact.

# Meditech microVENT

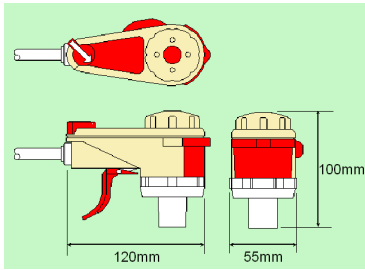


- Handheld resuscitator with compact dimensions and light weight.
- Ergonomic styling gives easy operation with controls in natural position.
- Constructed within a tough reinforced plastic casing the Meditech microVENT is designed to withstand use in difficult situations.
- microVENT patient valve features 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                                                                          | 1:02                                                                                    | 1:02                                                                                    | 1:02                                                                                    | 1:02                                                                                    | 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

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**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 and one air intake hose assembly (with filter attachment terminal)  
 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 | 670-0137-01 |
| 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:**

Resuscitation kits are supplied with:  
 Resuscitator fitted with the 2 m oxygen supply hose and one air intake hose assembly (with filter attachment terminal)  
 Instructions for use.  
 Kit bag.

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, 15, MAX (approx. 25) litres per minute. Also a BS 5682:1992 standard quick release connector to attach and power the resuscitator.

Oxygen cylinder key "T" style with retaining lanyard.

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.

**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 |

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.