

## microVENT® world resuscitator



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

# microVENT® world resuscitator

Pressure relief  
and audible  
warning

Manual or  
automatic

Oxygen supply  
hose, 2m length

Adults  
and  
children

Airmix for  
100% oxygen  
or oxygen  
mixed with air

Transparent  
rotating  
patient valve  
connection

Manual trigger



- Hand held resuscitator with compact dimensions and light weight. Ergonomic styling gives easy operation with controls in a 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 face masks.
- The oxygen supply hose is two 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 connections are also available.
- Excellent visibility of patient and resuscitator controls.
- Patient assist valve (on advanced models) synchronizes resuscitator (in automatic) with patient demand.
- Airmix models supply 100% or approx. 50% O<sub>2</sub> concentration.

# Specification table

	microVENT world, Advanced Airmix, Adult/Child	microVENT world, Standard, Airmix, Adult/Child	microVENT world, Advanced, Adult/Child	microVENT world, Standard, Adult/Child
Part Number	670-0531-00	670-0539-00	670-0506-00	670-0511-00
Patient population range	Adult / child above 10 kg	Adult / child above 10 kg	Adult / child above 10 kg	Adult / child above 10 kg
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)	30 to 11.25	30 to 11.25	30 to 11.25	30 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 valve 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	N/A	<-0.5	N/A
Inspiratory resistance without 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


**Product:**

microVENT World calibration resuscitator, Advanced, Airmix, Adult / Child

670-0531-00



microVENT World calibration resuscitator, Standard, Airmix, Adult / Child

670-0539-00

microVENT World calibration resuscitator, Advanced, Adult / Child

670-0506-00

microVENT World calibration resuscitator, Standard, Adult / Child

670-0511-00

**Extent of supply:**

microVENT resuscitator including 2m supply hose and BS Schrader probe (other international fittings available)  
Instructions for Use / User Guide (English language)

131-0069-20

**Build-a-kit**

Add the accessories to make your microVENT resuscitator into a resuscitation kit:


**Fabric case and accessories (Pro – Adult and child)**

131-0069-20

Twin carrying handles, Clip on shoulder strap, Double pull zip Marked "OXYGEN KIT", Retro-reflective detailing, Wipe clean material, Reinforced and padded end panels, Rubberised material covering base, Internal pockets for kit contents and accessories, Internal pocket for instructions for use, Clear pocket for abbreviated user guide, Padded sleeve to contain and support cylinder, Twin cylinder restraint straps, Padded pocket to contain the microVENT resuscitator. Approximate case dimensions : 280 mm diameter and 580 mm long.  
High concentration oxygen therapy mask (adult)  
High concentration oxygen therapy mask (child)  
Resuscitation face mask, silicone (adult)  
Resuscitation face mask, silicone (small adult)  
Resuscitation face mask, silicone (child)  
Set of four oro-pharyngeal airways  
Flexible ET tube mount


**Meditech 55B Oxygen regulator, Pin Index, 1x Schrader, Therapy.**

670-0506-00

Robust design for emergency use. Medical oxygen pin index input. Equipped with therapy outlet with user selectable flows of ½, 1, 2, 3, 4, 6, 8, 10 and 15 liters per minute. Also a BS 5682:1998 standard female quick release connector to attach and power the microVENT resuscitator. (Other national standard fittings available, see regulator brochure and price list for details).

Oxygen cylinders are not included with the kit and should be ordered additionally. (See our price list or web site for other oxygen cylinder options)

Oxygen cylinder, 2l alloy, 200 bar, Pin Index valve with thumb wheel – filled with oxygen.

676-0362-00

Oxygen cylinder, 2l alloy, 200 bar, Pin Index valve with thumb wheel – supplied empty, not filled with oxygen.

676-0361-00

# CE 0473

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These products are part 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.

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