

EMT Resuscitator



L576-020

The LSP EMT Resuscitator is today's most advanced design in oxygen powered manually triggered breathing devices. Designed to deliver 100% oxygen to a breathing or non-breathing patient, the EMT Resuscitator provides emergency care professionals with greater versatility, increased safety and improved performance over existing hand-held devices.

Designed to operate with a regulated oxygen supply of 50 ± 5 psig (344 ± 34 kPa), the EMT Resuscitator immediately terminates both pressure and flow at $60 \text{ cm H}_2\text{O}$. As a secondary pressure safeguard, if the primary pressure limit is exceeded for any reason, the secondary spring-loaded relief valve is designed to prevent pressure from exceeding $80 \text{ cm H}_2\text{O}$. The EMT Resuscitator may be attached to a portable pressure-regulated oxygen cylinder or a central oxygen source. It may be used with a mask, endotracheal tube or tracheotomy tube.

Advanced pneumatic technology limits and regulates gas flow to 40 lpm during the manually-triggered breath, but will allow flow rates of up to 115 lpm during a spontaneous breath. Addressing AHA guidelines, the EMT Resuscitator delivers a constant pre-set flow of 40 lpm, reducing the possibility of gastric insufflation during mask ventilation and improving the distribution of gas throughout the lung when ventilating through an endotracheal or tracheotomy tube.

The EMT Resuscitator features built-in anti-asphyxiation ports that allow the patient to breathe outside ambient air in the event of source gas failure. In addition, a 360° swivel oxygen inlet attachment eliminates the problem of line twisting and tangling.

Key Features

- Easy to clean and service ... disassembles into three basic components for cold chemical disinfecting and reassembly
- Versatile ... provides administration of low flow oxygen and/or oxygen powered resuscitation.
- Durable, compact and lightweight for years of continual cost-effective performance



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SPECIFICATIONS

Supply Pressure: 50±5 psig (344±34 kPa)
Pressure to Initiate a Breath: 0 to -2.5 cm H₂O
Manually Triggered Flow: 40±5 lpm @ 50 psig (344 kPa) supply
Demand Flow: 100 lpm @ 0 to -5 cm H₂O pressure
Peak Demand Flow: 115±10 lpm @ 50 psig (344 kPa) inlet; -5 cm H₂O or less to obtain 100 lpm
Pressure Limit: 60±5 cm H₂O
Secondary Pressure Relief: 65-80 cm H₂O maximum
Expiratory Resistance: less than 2.5 in. (6.35 cm) H₂O @ 160 lpm flow
Anti-Asphyxiation Entrainment: 55 lpm minimum @ -5 cm H₂O pressure
Storage Temperature: -40° F to 160° F (-40 C to 71.1 C)
Operating Temperature: -30° F to 125° F (-34.4 C to 51.7 C)
Inlet Fitting: standard male oxygen DISS (swivel)
Filter: 25 micron wire mesh
Outlet: 22 mm outside diameter x 15 mm inside diameter
Materials: Body, cap & button - liquid crystal polymer; outlet - polysulfone; inlet fitting - plated brass

ORDERING INFORMATION

L576	EMT Resuscitator
L576-010	EMT Resuscitator with 6' (1.8 m) oxygen hose
L576-020	EMT Resuscitator with 6' (1.8 m) oxygen hose, adult cuffed mask
L099-004	Adult Cuffed Mask, reusable, size 4
L099-005	Adult Cuffed Mask, large, reusable, size 5
L535026	Oxygen Hose, 6' (1.9 m), with DISS fittings

For information on international configurations,
contact an Allied Healthcare international sales or customer service representative.



L576-020 EMT Resuscitator with L535026 oxygen hose and
L099-004 adult cuffed mask



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