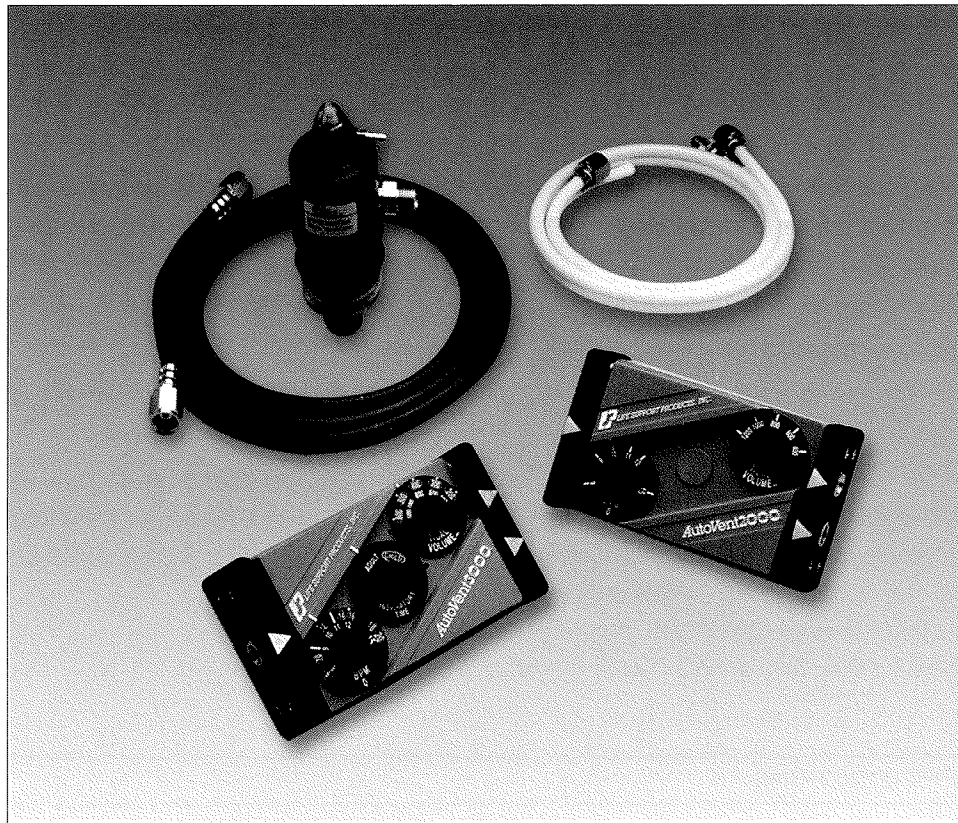


# LSP AUTOVENT 2000/3000 AUTOMATIC VENTILATOR

OXYGEN  
RESUSCITATION  
PRODUCTS



The AutoVent 2000 is designed expressly for the EMS professional with independent controls for Tidal Volume and BPM. The AutoVent 3000 with additional inspiratory time settings offers an even wider range of patient applications to meet most critical emergency care situations. Both AutoVent 2000 and 3000 are designed to meet ventilatory needs in a variety of applications from intra and inter hospital transports to sophisticated air rescue.

The AV 2000 and AV 3000 use state of the art pneumatics to assure reliable, time-cycled, constant flow ventilation powered by a minimum of source gas.

Each AutoVent is accompanied by the proven LSP Patient Valve with its bright green visual breath indicator, built-in pressure limit alarm and Intermittent Mandatory Ventilation providing gas flow for spontaneous breathing patients. The patient valve is available with an anti-inhalation valve for use in toxic environments.

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## ORDERING INFORMATION

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### AutoVent 2000

**Model L460:** Control Module, Patient Valve, Supply Tubing, 6' O<sub>2</sub> Hose and Non-Rebreathing Valve with Hose.  
Inspiratory time 2.0 seconds.

**Model L460-150:** Same as L460; inspiratory time 1.5 seconds.

**Model L520:** AV 2000 portable system for D or Jumbo D size cylinders (cylinder not included); L460 AutoVent 2000, L270-220 Regulator, Adult & Child Cuffed Masks, Disposable Oxygen Mask, Handwheel, and L040124 Soft-Pack Carry Case

### AutoVent 3000

**Model L461:** Control Module, Patient Valve, Supply Tubing, 6' O<sub>2</sub> Hose, and Non-Rebreathing Valve with Hose.  
Inspiratory time: 2.0 seconds

**Model L461-150:** Same as L461; inspiratory time .75 and 1.5 seconds.

**Model L523:** AV 3000 portable system for D or Jumbo D size cylinders (cylinder not included): L461 AutoVent 3000, L270-220 Regulator, Adult & Child Cuffed Masks, Handwheel, and L040124 Soft-Pack Carry Case.

### Accessories

**Model L003571:** Anti-inhalation Outlet Adapter

**Model L535-010:** 55 cm H<sub>2</sub>O Pressure Limit Alarm (for AutoVent use only)

**Model L535-030:** Anti-inhalation Pressure Limit Alarm

**Model L270-020 or L280-020:** Oxygen Regulator

# LSP AUTOVENT 2000/3000 AUTOMATIC VENTILATOR

**QUALITY BY DESIGN** Small, compact, and transport ready. System assembles quickly. Simplified operating instructions printed on Control Module case.

**DURABILITY** Impact resistant case with shock absorbing bumpers and recessed control settings is designed to perform in harsh and toxic environments.

**RATE & VOLUME** The rate and volume settings are independently operated. The AV 3000 has additional inspiratory time setting which allows a wider range of rate and volume.

**PATIENT VALVE** The easy-to-monitor patient valve assembly features a green inspiration indicator for verification of gas delivery and an audible Pressure Limit Alarm. A special patient valve for toxic atmosphere is also available.

**ADDITIONAL BREATHS** The standard patient valve assembly and toxic atmosphere valve are able to deliver additional breaths on demand by inspiratory effort of the patient.

**SOURCE GAS OPERATION** The AutoVent 2000 and 3000 operate exclusively on standard 50 psi source gas. This single source feature eliminates air entrainment and maintains the integrity of the specified oxygen concentration.

**CLIMATE COMPATIBLE** Operates at extreme temperatures ranging from 0°F to 125°F.

**VERSATILITY** Gas powered, no batteries required. Allows for PEEP attachment. Meets ASTM, ISO, and KKK-1822C standards.

## SPECIFICATIONS

### CONTROL MODULES

**Supply Pressure Range:**  
40-60 psig

**Operating Temperature:**  
0°F to 125°F

**Storage Temperature:**  
-40°F to 160°F

**Frequency (AutoVent 2000):** 8 to 20 BPM

**Frequency (AutoVent 3000):** 8 to 28 BPM

**Tidal Volume (AutoVent 2000):** 400 to 1200 ml.

**Tidal Volume (AutoVent 3000):** 200 to 1200 ml.

**Flow Rate:** 16 to 48 LPM

**Inspiratory Time (AutoVent 2000):** approx. 1.5 or 2.0 seconds

**Inspiratory Time (AutoVent 3000):** Approx. .75, 1.5, or 2.0 seconds

**Expiratory Time:** 1.5 to 6.0 seconds

**I:E Ratio:** 1:1 to 1:4

**Weight:** 24 oz./680 g.

**Case Material:** Polyester

**Input Connection:**  
Plated Brass

**Output Connection:**  
Plated Brass

**Minute Volume:** 0 to 24 LPM

**Gas Consumption Driving Gas:** 0.5 LPM Maximum

### PATIENT VALVE ASSEMBLY

**Flow:** As required in demand mode: 0-48 LPM at 50 psig

**Peak Inspiratory Flow:** 48 LPM at an airway pressure drop of less than 2.5 cm H<sub>2</sub>O

**Delivery Pressure:** 60±5 cm H<sub>2</sub>O

**(Insp.) Crack Pressure:** 0 to -2 cm H<sub>2</sub>O (0 to -.8 in. H<sub>2</sub>O)

**Exhalation Resistance:**

LPM	cm H <sub>2</sub> O (max)
0-10	1.5
11-70	3.8

**Gas Consumption Driving Gas:** 0.5 LPM Maximum

**Dead Space:** 8 ml (excluding mask)

**Supply Pressure:** 40 to 60 psig

**Operating Temperature:** 0°F to 125°F

**Storage Temperature:** -40°F to 160°F

**Inlet Fitting:** Standard male oxygen DISS

**Filter:** 25 micron stainless steel mesh

**Outlet:** 22mm outside diameter x 15mm inside diameter (fits standard medical masks, endotracheal tubes, and tracheostomy tubes)

**Weight:** 16 oz./450 g.

**Materials:**  
Body - Anodized Aluminum  
Cover - Polycarbonate  
Outlet Fitting - Polycarbonate  
Inlet Fitting - Plated Brass



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