Oxylog® 1000
Emergency & Transport Ventilation

The Oxylog® has been the natural choice of emergency care ventilator for more than 25 years. The Oxylog® 1000 is the most compact ventilator in the Oxylog® range.
Benefits

**A system for a safer work environment**

The Oxylog 1000 offers first aid ventilation of patients in emergency situations. Designed to be used outdoors, its intuitive operation, robustness and transportability make the Oxylog 1000 complete in its class. The ventilator has integrated audible and visual alarms that monitor both the airway pressure and supply pressure to aid in patient safety.

All functions are pneumatically operated, so the ventilator does not depend on any electrical power source. Thanks to its fundamental design, the Oxylog 1000 also stands for great reliability, ready to meet rough conditions during your mission.

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Accessories

**Caddy & Compact Caddy**

Order Number 57 03 300

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**Carrying System 1000**

Order Number 2M86001
Accessories

**Allround wallholder**
Order Number 57 04 216

**Alduk IV O₂ Compact Pressure Reducer**
Order Number 57 04 500

Related Products

**Dräger Oxylog® 3000 plus**
Offering high ventilation performance with features such as AutoFlow® integrated capnography and non-invasive Ventilation, the compact and robust Oxylog® 3000 plus helps you transport your patients safely and provides feedback on correctness of intubation and ventilation effectiveness. The Oxylog® 3000 plus gives you confidence to master even the most demanding situations.
Oxylog® 2000 plus

Step up your performance with Oxylog® 2000 plus. The Oxylog® 2000 plus supports you in your daily challenge of saving peoples lives, no matter where the call takes you. Invasive or non-invasive, Oxylog® 2000 plus can meet this challenge by putting essential ventilation tools at your fingertips. The Oxylog® 2000 plus can make all the difference.
### Technical Data

**Oxylog® 1000** – a time-cycled, volume controlled and pressure limited emergency ventilator for the controlled ventilation of patients who require a minute volume of at least 3 L/min.

<table>
<thead>
<tr>
<th>Dimensions (W x H x D)</th>
<th>215 x 90 x 215 mm / 8.5 x 3.5 x 8.5 inches (excl. handle)</th>
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</thead>
<tbody>
<tr>
<td>Weight</td>
<td>3.15 kg / 7.3 lbs</td>
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**Drive Gas**

- Medical grade O₂ or in exceptional cases compressed air
- Supply pressure: 2.7 to 6 bar / 40 to 88 psi at 60 L/min

**Performance Data**

- **Ventilation mode**: IPPV/CMV
- **PEEP ventilation**: with optional PEEP valve
- **Principle of operation**: Flow chopper
- **Control**: Time-cycled, volume-constant
- **Ventilation frequency, smoothly variable**: 4 to 54 1/min
- **Minute volume, smoothly variable**: 3 to 20 L/min
- **I:E ratio (fixed)**: 1:1.5
- **Max. airway pressure (Pmax), smoothly variable**: 25 to 60 mbar / cm H₂O

**O₂ concentration of Ventilation Gas when O₂ driven**

- Switch to "Air Mix": approx 60% by vol. O₂
- Switch to "No Air Mix": 100% by vol. O₂
- Gas consumption of control: approx 1.0 L/min
- Dead space volume: approx 12 mL
- Device compliance: approx 1 mL/mbar / cm H₂O
- Safety valve opening pressure: 80 mbar / cm H₂O
- Pressure gauge display: -10 to +80 mbar / cm H₂O

**Alarm Functions**

- **Supply pressure low (Psupply)**: Supply pressure drops below 2.7 bar / 40 psi
- **Airway pressure high (Paw high)**: Actual value exceeds set value (Pmax)
- **Airway pressure low (Paw low)**: A pressure of 10 mbar/cm H₂O is not exceeded during inspiration
- **The alarms are both visual and audible.**
- **They are provided by purely pneumatic components and do not require any power supply.**

**Conditions for Operation**

- **Temperature range**: −18 °C to +50 °C / 0 to 122 °F
- **Relative humidity**: 15% to 95% rel humidity
- **Ambient pressure**: 700 to 1100 hPa
- **Vibration tested**: in acc. with MIL STD 810 F, method 514.5
- **Airworthiness**: in acc. with RTCA DO-160 D, section 8
- **Classification acc. to EC Directive 93/42/EEC**: Class IIb
- **UMDNS Code**: 18-098

**Typical operating time MV = 10 L/min**

- 2.5 L cylinder / 200 bar: approx. 90 min for “Air Mix”, approx. 45 min for “No Air Mix”
- E-type O₂ cylinder: approx. 112 min for “Air Mix”, approx. 56 min for “No Air Mix”
- D-type O₂ cylinder: approx. 64 min for “Air Mix”, approx. 32 min for “No Air Mix”