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.

### TECHNICAL DATA

The Oxylog 3000 plus is a time-cycled, volume-controlled and pressure-controlled emergency and transport ventilator for patients requiring mandatory or assisted ventilation with a tidal volume from 50 mL upwards.

**Dimensions (W x H x D)** 290 x 184 x 175 mm (without handle and protection bracket)

**Weight** Approximately 5.8 kg (including internal battery)

**Gas supply**

<table>
<thead>
<tr>
<th>Supply gas</th>
<th>Medical Oxygen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gas supply</td>
<td>From a pipeline system or from an O₂ cylinder.</td>
</tr>
<tr>
<td>O₂ service pressure</td>
<td>270 kPa to 600 kPa at 100 L/min</td>
</tr>
</tbody>
</table>

**Gas consumption for internal control** Average 0.5 L/min

**Operating data**

**Ventilation Modes**

- VC-CMV, VC-AC, VC-SIMV, SprnCPAP, PC-BIPAP

**Additional settings for ventilation**

- Pressure support: in the ventilation modes VCSIMV, PC-BIPAP* and SprnCPAP
- Apnoea ventilation: in the ventilation mode SprnCPAP
- AutoFlow (optional): in the ventilation modes VC-CMV, VC-AC and VC-SIMV
- NIV: in the ventilation modes: SprnCPAP (/PS), PC-BIPAP (/PS), VC-CMV /AF, VC-AC /AF and VC-SIMV /AF

**Special procedures**

- Inspiration hold
- O₂ inhalation (optional), with an inhalation mask
- 100% O₂

**Options**

- Integrated mainstream CO₂ measurement (**)
- Real time data export via RS232, MEDIBUS protocol (**) 
- AutoFlow: volume targeted - pressure controlled ventilation (**)

**CPR-behavior**

Pressure-limited, non-constant-volume ventilation during inspiration time when Pmax is reached

**Ventilation Respiratory Rate**

- 2 to 60 /min (VC-SIMV, PC-BIPAP)
- 5 to 60 /min (VC-CMV, VC-AC)
- 12 to 60 /min for apnoea ventilation

**Tidal volume VT** 0.05 to 2.0 L; BTPS***

**Ti / I:E** I:E or Ti configurable, for all ventilation modes

**Ventilation time ratio I:E** 1:100 to 50:1
Inspiration time Ti
Inspired pressure Pinsp
O₂ concentration
PEEP / CPAP
Trigger sensitivity (flow trigger)
Pressure support ΔPsupp
Slope (pressure rise time)
Max. inspiratory flow
Displayed measured values
Display type
Curve display
Patient hose types
Power supply
Oxylog 3000 plus input voltage
Input voltage AC/DC power pack
Input voltage DC/DC converter
Battery type
Operating time (fully charged, “typical” ventilation)
Battery charging time
Main alarms
Airway pressure (Paw) high
Airway pressure (Paw) low
Apnea back-up ventilation
Leakage
High Respiratory Rate
etCO₂ high / low
MVe high / low
Incorrect patient hose
Supply pressure low
Operating Conditions
Temperature range
Temperature range for CO₂ sensor
Atmospheric pressure
Relative humidity
Electromagnetic compatibility (EMC)
Airworthiness
Classifications according to MDD 93/42/EEC
UMDNS-Code
* Trademark used under License
** Options can be purchased during the initial ordering process or as future upgrades.
*** BTPS: Body Temperature, Pressure, Saturated. Measured values referred to the conditions of the patient’s lungs, body temperature 37 °C / 99 °F, airway pressure, water-vapour-saturated gas.
**** Indirect measurement of O₂ concentration (calculated from two measured flows).