Oxylog® 2000 plus
Emergency & Transport Ventilation

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.

MT-4300-2007

Dräger. Technology for Life®

Benefits

Built for demanding situations

In the field and in emergency situations, reliability, rugged design and simple operation are vital factors for success. The Dräger Oxylog 2000 plus was designed to provide the caregiver with powerful and flexible ventilation capabilities under the most demanding conditions.

Ventilation essentials at your fingertips

The Oxylog 2000 plus gives you not only a selection of volume-controlled modes but also offers support modes for both invasive and non-invasive ventilation. Pressure Support and Non-Invasive Ventilation are available, enabling support for patients with insufficient breathing and to help prevent intubation at the earliest stage possible.

Intuitive user interface

The large display gives you clear and highly visible information on clinical values, airway pressure and parameter settings, allowing rapid evaluation of the patient's condition during hectic situations. Intuitive controls enable operation within seconds after starting the device.

Rugged, compact and highly portable

Easy to carry and simple to mount, the Oxylog 2000 plus was specifically designed to be taken nearly anywhere. Built from extremely durable, high-impact materials, the unit can stand up to even the most challenging environments. The internal battery provides up to 4 hours of autonomous transport capability.

Standardised equipment

The Oxylog 2000 plus uses the same standardised reusable and disposable hoses as the Oxylog 3000 plus, letting you simplify your inventory and workflow.

Accessories

D-76132-2013

Oxylog Trolley

With the easy-to use functional Oxylog® trolley system intensive care patients can quickly and smoothly be transported throughout the hospital without interrupting therapy.

D-14931-2010

Allround wallholder

(for use with Carrying System) Articlenr. 5704216

D-14937-2010

Alduk III

(configuration)

D-74233-2013

AGSS

Articlenr. 5704500 (configuration)

Accessories

MT-4293-2007

Carrying System

This ergonomically designed Carrying System provides an integrated solution for carrying and transporting an Oxylog® 3000 plus or an Oxylog® 2000 plus and an oxygen cylinder with a minimum of effort. The frame is small and light with rounded corners to prevent any discomfort in carrying.

Related Products

D-9219-2009

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.

MT-8906-2009

Oxylog® 1000

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.

Technical Data

The Oxylog® 2000 plus is a time-cycled, volume controlled emergency and transport ventilator with Pressure Support for patients requiring mandatory or assisted ventilation with a tidal volume from 100 mL upwards.

Dimensions (W x H x D)	285 x 184 x 175 mm / 11.10 x 7.24 x 6.89 inch (excluding handle)
Weight	Approximately 5.4 kg / 11.9 lbs (including internal battery)

Gas supply

Supply gas	Medical Oxygen
Supply pressure	270 - 600 kPa at 100 L/min
Gas consumption for internal control	0.1 to 0.5 L/min

Operating data

Ventilation Modes	VC-CMV, VC-AC, VC-SIMV, SpnCPAP
Options	Pressure Support Ventilation and Non-Invasive (mask) Ventilation
Special Functions	Apnea Ventilation (For switching over automatically to volume-controlled mandatory ventilation, if breathing stops)
Ventilation respiratory rate	2 to 50 /min ±1 /min (VC-SIMV) 5 to 50 /min ±1 /min (VC-CMV, VC-AC) 12 to 50 /min ±1 /min for apnea ventilation
Tidal volume Vt	100 to 2000 mL, BTPS*
Ventilation time ratio I:E (VC-CMV, VC-AC)	1:4 to 3:1
Inspiration time Ti (VC-SIMV, VC-SIMV / PS)	0.2 to 10 seconds
FiO_2 concentration	100% (No-AirMix) or approximately 40% (O_2 AirMix).**
PEEP	0 to 20 mbar / cmH_2O
Trigger sensitivity (flow trigger)	3 to 15 L/min
Pressure support ΔPsupp	0 to 35 mbar (relative to PEEP), slope adjustable in 3 steps
Maximum inspiratory flow	100 L/min (supply pressure > 350 kPa / 51 PSI, 80 L/min (supply pressure < 350 kPa / 51 PSI)
Measured value display	VTe, MVe, MVespon, RR, RRsp, PEEP, Pmean, PIP, Pplat, O_2
Display	Technology: Electro-luminescence, Pixels: 240 x 128, Visible area: 108 x 56 mm / 4.25 x 2.20 inch

Power supply

Input voltage	19 V ±0.5 V DC
AC/DC power pack	Input: 100 to 240 V AC, Output: 19 V DC
DC/DC converter	Input: 12 / 24 / 28 V DC, Output: 19 V DC
Battery type	Lithium ion battery
Operating time (fully charged, “typical” ventilation)	Approximately 4 hours
Battery charging time	Approximately 5 hours

Monitoring

Supply pressure low	Supply pressure < 270 kPa / 39 PSI
Airway pressure (Paw high)	International: Adjustable from 20 to 60 mbar, USA: Adjustable from 20 to 100 cmH_2O
Airway pressure (Paw low)	When pressure difference between inspiration and expiration < 5 mbar / cmH_2O or when the set pressure level is not reached
Apnea alarm time Tapn	Adjustable from 15 to 60 seconds (not active when using NIV)
Leakage	VTe is approximately 40% lower than VTi

Technical Data

High respiratory rate	Patient breaths at a high spontaneous rate

Operating Conditions

Temperature	Temperature -20 to 50 °C / 14 to 122 °F
Atmospheric pressure	570 to 1200 hPa / 17 to 35 inches mmHg
Relative humidity	5 to 95%
Electromagnetic compatibility EMC	In accordance with ICE/EN 60601-1-2:2001 and ISO 10651-3
Airworthiness	In accordance with RTCA DO - 160D, sections 7, 8 & 21
Mechanical strength	In accordance with MIL STD 810F, method 514.5
Classification according to MDD 93/42/EEC	Class IIb
UMDNS-Code	18-098

˙ BTPS: Body Temperature, Pressure, Saturated. Measured values referred to the conditions of the patient's lungs, body, temperature 37 °C / 99 °F, ambient pressure, water-vapor saturated gas.

¨ Indirect measurement of O_2 concentration (calculated from two measured flows).

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