

Press Release

No. 54e / November 20, 2009

Page 1 / 2

In a class of its own: the new Dräger transport ventilator

Be well equipped for emergencies with the new Oxylog 3000 plus

Lübeck – With the new Dräger Oxylog 3000 plus intensive care quality ventilation can reach every patient, be it in intra hospital transport, in emergency situations and during air rescue operations. The most important new options are volume controlled ventilation with AutoFlow and integrated capnography in the main stream procedure. Non-invasive ventilation is possible by default.

Dräger has continued to be a one of the leading companies in emergency ventilation for about 120 years, with the Dräger Oxylog product family being firmly established on the market for more than 30 years. With the Oxylog 3000 plus, the newest emergency and transport ventilator, Dräger offers an extended solution for the critical care transport and emergency care. Although the device replaces the existing Oxylog 3000 device, the current portfolio of accessories can continued to be used on the new unit.

"Breathing space" with AutoFlow

The Oxylog 3000 plus provides pressure and volume controlled ventilation modes. All ventilation modes such as VC-CMV, VC-AC, VC-SIMV, SpnCPAP, PC-BIPAP* offer physicians, emergency doctors and paramedics ventilation with intensive care quality.

What has been, up until now, only possible in intensive care and anesthetics is now also possible outside of the hospital: the application of AutoFlow – an addition to all volume controlled modes. This means that the patient can still breathe spontaneously (similar to BIPAP*) with the lowest pressure for the breath volume, taking the individual lung mechanics into account. This is a benefit to physician and patient alike. Additionally, less sedation is required and alarms can be reduced.

Contact

Corporate Communications:
Burkard Dillig
Tel. +49 451 882-2185
burkard.dillig@draeger.com

Trade press:
Markus Henkel
Tel. +49 451 882-4598
markus.henkel@draeger.com

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Page 2 / 2

Capnography integrated in the ventilator

Preparation from the very beginning: the CO₂ measurement in the main stream procedure is integrated in the device. When the customer purchases the device, the capnography function can be activated anytime by buying the sensor and software. An additional benefit of this option: With this type of capnography the user can view the CO₂ values (value and curve display) without time delay and as a result optimize the ventilation settings. Thanks to the utilized main stream procedure, the ventilation system stays closed and no sample gas has to be routed into the device.

Capnography especially supports users during intubation in unclear emergency situations. It is a recognized procedure to proof a successful intubation. Thanks to the electro-luminescence display (with high contrast ensuring it is clearly legible even in bright ambient lighting conditions and from different angles of view) the rescue personnel can identify the parameters in critical ambient conditions and maintain a good overview.

Capnography monitors the CO₂ concentration for each breath and therefore offers additional information regarding the circulation functions. It makes it possible to monitor the metabolism and increases the diagnostic and therapeutic possibilities – which is especially beneficial in situations with limited monitoring possibilities, e.g. air rescue.

The device was developed by Dräger Medical b.v., a subsidiary of Drägerwerk AG & Co. KGaA.

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Investor Relations, Vanina Herbst, Tel: +49 451 882 2685. E-Mail: vanina.herbst@draeger.com

Contact

Corporate Communications:
Burkard Dillig
Tel. +49 451 882-2185
burkard.dillig@draeger.com

Trade press:
Markus Henkel
Tel. +49 451 882-4598
markus.henkel@draeger.com

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23542 Lübeck, Deutschland
www.draeger.com