

VentStar® Oxylog® Breathing Systems Consumables and Accessories

Reliable, practical and tested for safety. The VentStar® Oxylog® disposable breathing circuits provide an ideal connection between patient and the emergency transport ventilator, and therefore forming an important component of the medical system.



Oxylog® 3000 plus disposable ventilation system, VentStar® Oxylog® 2000 plus / 3000 Family

Benefits

Ideal connection between the patient and the emergency transport ventilator

The Dräger VentStar disposable breathing systems are compatible with the Oxylog Family of emergency transport ventilators and can be used for ventilation during transport within the hospital. In addition to the hose system for adults, Dräger also offers paediatric hoses with lower compliance and smaller dead space volumes. This enables patients with a tidal volume of 50 ml to 250 ml to be optimally supplied when using the Oxylog 3000 plus emergency transport ventilator. The paediatric breathing circuit can also be used on the Oxylog 3000 ventilator (software version ≥ 1.20) and Oxylog VE300 (software version ≥ 2.0); in this case, please observe the information given in the user manual for the device.

Dräger original

The VentStar breathing circuits have been carefully designed and rigorously tested to work as part of a complete solution together with the relevant devices. The breathing systems are fitted with expiration valves and flow sensors designed and tested for use with the devices concerned. The VentStar Oxylog 2000 and VentStar Oxylog 2000 plus / 3000 Family disposable breathing circuits have a connector block which ensures a quick and safe connection to both lines of the flow sensor at the device.

Hygienic

The use of disposable ventilation hoses not only helps prevent costly cross-infections, but also helps optimise work processes. The disposable breathing circuits are packed ready to use. In order to make storage easier, the VentStar Oxylog 2000 plus / 3000 Family breathing circuits are matched to the Oxylog 2000 plus, Oxylog 3000 plus, Oxylog 3000 and Oxylog VE300 plus ventilators.

Tested materials

Dräger disposable breathing circuits are made from biocompatible materials. In order to prevent any possible complications right from the outset, all components that carry breathing gas are made from PVC-free materials. Components made from PVC do not carry breathing gas and do not contain plasticisers such as DEHP.

Details



D-2912-2018

Flow sensor and expiratory valve



D-9325-2014

VentStar® Oxylog® 1000 circuit



D-5882-2016

VentStar® Oxylog® 2000 circuit



D-2908-2018

VentStar® Oxylog® 3000 Family circuit



D-9328-2014

VentStar® Oxylog® 3000 / 3000 plus / VE300 (paediatric)



D-10515-2016

VentStar® Oxylog® VE300

Technical Data

Material	5703041/ MP00335	MP01370/ MP01371	2M86837	5704964	2M86841
Hose	PE	PE	EVA	EVA	PE
Expiration valve	PP, VMQ, TPE	PP, VMQ, TPE	PP, VMQ, PC	PP, VMQ	PP, VMQ, TPE
Flow sensor	MABS, PVC, PET, Silicon			MABS, PVC, Polyester	PMMA, PVC, Polyester
Red protective cap	PE	PE	PE	PE	PE
Connectors	PP, PVC	PP, PVC	PP	PP, PVC	PP, PVC

Size

Connectors	Device side				
	Patient side				
Hose lengths	1.5 m			MP01370	
	1.8 m			2M86837/2M86841/5703041	
	1.9 m (0.75 in)			5704964	
	3.0 m (9.8 ft)			MP00335, MP01371	

Ambient air conditions (when in use)

Temperature	-20 to 50 °C (-4 to 122 °F)
Ambient humidity	5% to 95% (non-condensing)
Ambient pressure	570 to 1,200 hPa (8.3 to 17.4 psi)

Storage	2M86841/5703041/MP01370/ MP01371/MP00335/5704964	2M86837
Temperature	-20 to 50 °C (-4 to 122 °F)	-20 to 70 °C (-4 to 158 °F)
Ambient humidity	5% to 95% (non-condensing)	15% to 95% (non-condensing)
Ambient pressure	570 to 1,200 hPa (8.3 to 17.4 psi)	700 to 1,100 hPa (10.1 to 16 psi)

Application

Application: Single use

Performance features	2M86837*	2M86841*	5703041*	MP00335*	5704964**	MP01370*	MP01371*
Resistance at 60 l/min	INS/EXP: < 4.5 mbar/ < 4 mbar	INS/EXP: < 5 mbar/ < 4.5 mbar	INS/EXP: < 6.9 mbar/ < 6 mbar	INS/EXP: < 7.4 mbar/ < 6 mbar		INS/EXP: < 4.3 mbar/ < 4 mbar	INS/EXP: < 4.7 mbar/ < 4 mbar
Resistance at 30 l/min	INS/EXP: < 2.5 mbar/ < 2 mbar	INS/EXP: < 2.5 mbar/ < 2.1 mbar	INS/EXP: < 2.8 mbar/ < 2.9 mbar	INS/EXP: < 2.9 mbar/ < 2.9 mbar	INS/EXP: < 6 mbar/ < 5.2 mbar	INS/EXP: < 1.6 mbar/ < 2.1 mbar	INS/EXP: < 1.8 mbar/ < 2.1 mbar
Resistance at 15 l/min	INS/EXP: < 1 mbar/ < 1 mbar	INS/EXP: < 1.2 mbar/ < 1.2 mbar	INS/EXP: < 1.3 mbar/ < 1.7 mbar	INS/EXP: < 1.3 mbar/ < 1.7 mbar	INS/EXP: < 2.8 mbar/ < 3.4 mbar	INS/EXP: < 0.7 mbar/ < 1.5 mbar	INS/EXP: < 0.75 mbar/ < 1.5 mbar
Dead space volume	< 7 ml	< 35 ml	< 35 ml	< 35 ml	< 15 ml	< 30 mL	< 30 mL
Compliance at 30 mbar	< 0.8 ml/mbar	< 0.8 ml/mbar	< 0.74 ml/ mbar	< 0.89 ml/ mbar	< 0.6 ml/ mbar	< 1 mL/mbar	< 1.6 mL/mbar
Compliance at 60 mbar	< 1 ml/mbar	< 1 ml/mbar	< 0.83 ml/ mbar	< 1.15 ml/ mbar	< 0.64 ml/ mbar	< 1.3 mL/mbar	< 1.8 mL/mbar

* Leakage at 60 mbar: < 50 ml/min

** Leakage at 40 mbar: < 100 ml/min

Ordering Information

Description	Order number
VentStar® Oxylog® 1000	2M86837
VentStar® Oxylog® 2000	2M86841
VentStar® Oxylog® 2000 plus / 3000 Family 150 (also for use with Oxylog VE300 plus with Flow-Measurement)	5703041
VentStar® Oxylog® 2000 plus / 3000 Family 300 (also for use with Oxylog VE300 plus with Flow-Measurement)	MP00335
VentStar® Oxylog® 3000/3000 plus, VE300 (P)	5704964
VentStar® Oxylog® VE300 150 (for Oxylog VE300 basic)	MP01370
VentStar® Oxylog® VE300 300 (for Oxylog VE300 basic)	MP01371

Not all products are available worldwide

Notes

Not all products, features, or services are for sale in all countries.
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CORPORATE HEADQUARTERS

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany
www.draeger.com

Manufacturer:

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23542 Lübeck, Germany

REGION DACH

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany
Tel +49 451 882 0
Fax +49 451 882 2080
info@draeger.com

REGION EUROPE

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany
Tel +49 451 882 0
Fax +49 451 882 2080
info@draeger.com

REGION MIDDLE EAST, AFRICA

Drägerwerk AG & Co. KGaA
Branch Office
P.O. Box 505108
Dubai, United Arab Emirates
Tel +971 4 4294 600
Fax +971 4 4294 699
contactuae@draeger.com

REGION ASIA PACIFIC

Draeger Singapore Pte. Ltd.
61 Science Park Road
The Galen #04-01
Singapore 117525
Tel: +65 6872 9288
Fax: +65 6259 0398
asia.pacific@draeger.com

REGION CENTRAL AND SOUTH AMERICA

Draeger Panamá Comercial
S. de R.L.
59 East Street, Nuevo Paitilla,
House 31, San Francisco Town
Panama City, Panama
Tel +507 377-9100 / Fax -9130
servicioalcliente@draeger.com

CANADA

Draeger Medical Canada Inc.
2425 Skymark Avenue, Unit 1
Mississauga, Ontario, L4W 4Y6
Tel +1 905 212 6600
Toll-free +1 866 343 2273
Fax +1 905 212 6601
Canada.support@draeger.com

Locate your Regional Sales
Representative at:
www.draeger.com/contact

