

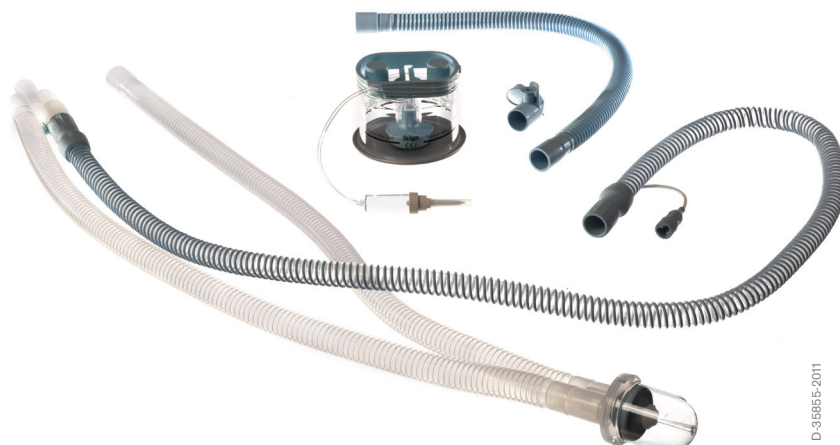
VentStar Helix - Heated Breathing Circuits Consumables and Accessories

Breathing gas humidification with heated hose systems in mechanically ventilated patients is an essential component in today's intensive care. Choosing the right hose system can support the therapy success.

VentStar Helix dual heated



VentStar heated



Benefits

Clinical application

Heated hose systems are used to avoid damage to the lungs and airways of longterm ventilated patients due to dry and cool breathing gases. The patient is adequately hydrated when a breathing gas humidification system is used ^[1]. This maintains the mucociliary clearance and secretions can be transported. The risk of infection is reduced subsequently ^[2].

^[1] Ricard JD, Cook D, Griffith L, Brochard L, Dreyfuss D. Physicians' attitude to use heat and moisture exchangers or heated humidifiers: a Franco-Canadian survey. *Intensive Care Med* 2002; 28: 719-725.

^[2] Williams T. Humidification in intensive care *SAJCC*: July 2005, Vol. 21, No. 1: 26-31

Innovative hose heater design

The innovative double helix ensures a more uniform heating of the breathing gas than conventional hose heaters. It supports the prevention of condensation and provides patients with the optimal level of hydration. No hose heater inside the hose - for optimised resistance values.

Versatile use

Removable Y-adapter for carrying out oxygen therapy in conjunction with the humidifier and the ventilator or to insert a drug nebuliser in the inspiratory branch of the hose system.

High quality standards

Due to the high Dräger quality standards, all respiratory gas-carrying components are tested for biocompatibility and do not contain any potentially hazardous plasticizers such as DEHP.

Wide product range

Dräger offers a wide range of humidification products. VentStar Helix is part of the product range consisting of breathing hose systems and water chambers for active humidification in the ICU. All relevant respiratory gas conditioning accessories come from a single supplier.

Efficient workflows

Designed as a disposable product, the VentStar Helix provides heat for the optimal support of the clinical workflows. No disassembly of components is required to prepare for cleaning and sterilisation. After use with a patient, the entire system can be disposed of in one step. This means the medical staff has more time to focus on the care of the patient.

Technical Data

Length of breathing hose	1,63m (64,20 Inch)
Material	
Breathing hoses	PP (polypropylene)
Connectors	PP (polypropylene)
Y-adapter	PP (polypropylene)
Humidifier chamber	PC, SBC, silicone, aluminium

Ordering Information

AutoFeed water chamber	MP02605
VentStar Helix dual heated	MP02606
VentStar Helix heated	MP02607

Notes

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As of August 2015

Dräger Medical GmbH changes
to Drägerwerk AG & Co. KGaA

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The quality management system at Dräger Medical GmbH is certified according to
ISO 13485, ISO 9001 and Annex II.3 of Directive 93/42/EEC (Medical devices).