

Filter CareStar™



Airway filter



Filter CareStar™

Dräger stands for modern anesthesia and ventilation treatment of high quality and safety when it comes to the care and treatment of patients. Dräger anesthesia and ventilation systems and their Dräger consumables comprise a tested complete system, whose functionality is convincing.

The CareStar™ airway filter significantly contributes to infection prophylaxis in anesthesia and ventilation treatment through high retention rates.

- High-performance electrostatic airway filter
- Sampling connector with tethered cap
- Sampling port in convenient 45° angle
- Transparent housing for visual control
- Standardized connectors for safe connection to other components
- Clear labeling and red color-coding for quick identification

Safety, quality, and economy

As a preventive measure for infection prophylaxis and avoiding the risk of cross-infection in anesthesia, various expert committees^{1, 2, 3, 4} recommend the use of a bacteria/virus filter, to be attached to the Y-piece and replaced after every patient.

The CareStar airway filter from Dräger Medical provides excellent protection from infection. When used on the patient side, CareStar supports protection of the patient from potentially present microorganisms in the inspired air as well as safeguarding the ventilator and the ventilator breathing system from germs that the patient breathes out. This also helps to reduce the risk of cross-infection. In addition, nosocomial infections considerably increase costs by extending the length of hospitalization by several days on average.⁵

For gas sampling, CareStar is equipped with a Luer-Lock connector with a tethered cap for safety reasons. CareStar's transparent housing allows for visual inspection at any time while in use. CareStar is easily and quickly identifiable as a filter by its red color-code.

Standardized connectors provide proper and easy connection with other components of the ventilation circuit. CareStar must be replaced every 24 hours. Unopened, CareStar has a shelf life of three years. CareStar is made exclusively from materials for environmentally safe disposal after use.

Dräger anesthesia and ventilation systems and Dräger accessories comprise a tested complete system.

1. Infection Control in Anaesthesia; published by The Association of Anaesthetists of Great Britain and Ireland, 21 Portland Place, London W1B 1PY, November 2002
2. Groupe de travail sur l'hygiène en anesthésie: Recommendations concernant l'hygiène en anesthésie; Annales Françaises d'Anesthésie et de Réanimation, no° 10, volume 17, 1998
3. Comité technique national des infections nosocomiales, Groupe permanent de réflexion et vigilance sur la désinfection, Sous-groupe désinfection en Anesthésie Réanimation: <<Désinfection des dispositifs médicaux en anesthésie et en réanimation>>, Ministère de la santé, de la famille, et des personnes handicapées, Juin 2002
4. Kommission für Krankenhaushygiene und Infektionsprävention beim Robert Koch-Institut: Prävention der nosokomialen Pneumonie; Bundesgesundheitsblatt – Gesundheitsforschung – Gesundheitsschutz 2000; Springer-Verlag 2000; 43:302–309
5. Exner M: Kosten senkend: Sinnvolle Hygiene realisieren; Hygiene; 07/2005; page 15

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

Specifications

Compressible volume (ml)	30
Recommended tidal volume (ml)	> 100
Bacterial retention* (%)	99.999
Viral retention* (%)	99.99
Filtration method	electrostatic
Resistance at 30 l/min (mbar)	0.7
Weight (g)	23
ISO connectors	22M/15F – 22F/15M
Sampling	Luer-Lock with tethered cap
Housing	Polypropylene
Maximum duration of use	24 hours
Shelf life in undamaged packaging	3 years
Product	PVC-free Latex-free
Cleanroom manufactured according to EN ISO 14644-1:1999	

*According to Nelson Laboratories, Inc., Salt Lake City, USA.

Order information

Description	Filter CareStar 30
Part no.	MP01770
Packaging unit (pcs.)	50

Not all items are available worldwide.