

Drägersorb® Free – Soda Lime Consumables and Accessories

Drägersorb® is high-quality soda lime developed by one of the leading manufacturers of anaesthesia equipment.



Benefits

Drägersorb Free

Dräger is the only manufacturer of anaesthesia machines that also develops and produces its own soda lime. That's why in Dräger systems, the soda lime is optimised to meet the latest requirements of anaesthesia equipment.

With Drägersorb Free we've developed a product that has been further optimised in terms of its safety and performance.

In addition to the great characteristics offered by the Drägersorb 800+, Drägersorb Free delivers even more:

- No formation of Compound A or carbon monoxide
- Eliminates decomposition products (e.g., formaldehyde)

No generation of Compound A

There is a very basic drawback to using any conventional soda lime with sevoflurane: the combination produces Compound A, which has been found to have nephrotoxic effects in animals. In Drägersorb Free, Dräger has developed a product which generates no Compound A at all, regardless of the degree of humidity in the soda lime. ²

No generation of carbon monoxide (under any clinical conditions)

If volatile anesthetics are used with any conventional dry soda lime, the combination leads to the formation of carbon monoxide. Since carbon monoxide is not measured by anesthesia machines and cannot be detected by users, this toxic by-product poses a serious hazard to patients. Drägersorb Free eliminates this concern because it does not generate carbon monoxide^{1, 2} when used with volatile anesthetics under clinical conditions, regardless of the degree of humidity in the soda lime.

High CO₂ absorption capacity

Drägersorb Free avoids channel formation thanks to its pellet shape. The soda lime evenly absorbs CO₂ and is utilised effectively. The pellet shape and high porosity of the material create an optimal surface. Drägersorb Free has the highest CO₂ absorption^{1, 2, 3} of all safe absorbents.

Practical packaging

The disposable Drägersorb CLIC absorber for use in all modern Dräger anaesthesia machines represents a fast, clean and simple single-use solution. The advantages for the user:

- Anesthesia personnel have no contact with the soda lime.
- Absolutely no dust exposure.

Benefits

- Better utilisation of the absorber filling, which reduces costs as the absorber can be changed at any time, even during surgery thanks to the non-return valve.

The disposable Drägersorb CLIC absorber for Dräger anaesthesia systems is attached by means of an adapter. Drägersorb Free is also available in 5-L canisters.

¹ Dr. Bito, Hamamatsu Med.University, Japan Journal of Clinical Anesthesia 15:33-37, 2003

² Production of compound A and carbon monoxide in circle systems: an in vitro comparison of two carbon dioxide absorbents M.M.R.F. Struys, et al.; Anaesthesia, 2004, 59, S. 584-589

³ J. Baum, H. J. Woehlck Best Practice & Research Clinical Anaesthesiology, Vol. 17 (2003) S. 63-76

Ordering Information

Description	Order no.
Drägersorb® Free 5-L canister	MX50050
CLIC Absorber Free (6 absorbers per box)	MX50100
Drägersorb CLIC adapter	MX50090

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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 CENTRAL AND SOUTH AMERICA

Dräger Indústria e Comércio Ltda.
Al. Pucurui - 51 - Tamboré
06460-100 - Barueri - São Paulo
Tel. +55 (11) 4689-4900
relacionamento@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 NORTH AMERICA

Draeger, Inc.
3135 Quarry Road
Telford, PA 18969, USA
Tel +1 800 4DRAGER
(+1 800 437 2437)
Fax +1 215 723 5935
info.usa@draeger.com

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

