



Drägersorb Free – Soda Lime Consumables and Accessories

Keeping your patients and staff safe is at the heart of every anaesthesia procedure. Drägersorb Free is designed to offer reliability without the risk of decomposition products, making it safe for all common anaesthetic agents. Additionally, its hemispherical pellet shape prevents channel formation, which gives you an even and efficient use of the cartridge, resulting in long-term cost savings. Always an essential part of your acute care – for optimal, safe, and efficient use in every anaesthetic intervention.

Benefits

Drägersorb Free

Maintaining patient and staff safety and comfort is crucial when administering any volatile anaesthetic agent. You need a solution that ensures reliable CO₂ absorption while minimising risks when inducing patients during surgical procedures.

To optimise both safety and performance, we are the only manufacturer of anaesthesia machines that also develops and produces our own soda lime. That's why in Dräger systems, our soda lime formula is specifically designed to meet the latest requirements of anaesthesia equipment.

With Drägersorb Free, we provide you with a product that has been tested and tried to enhance workflows and reduce costs — all essential parts of your acute care — keeping your staff and patients safe during life-saving procedures.

Drägersorb Free delivers you:

- Significant less formation of compound A or carbon monoxide.
- Compatibility with all commercially available anaesthetic gases.
- Odour-free performance for a more comfortable working environment.
- User-friendly design, thanks to the CLIC cartridge system.
- A 5 L canister that can be used with reusable containers on third-party devices.

Generates significant less Compound A

Preventing the formation of harmful by-products, such as compound A from volatile agents like sevoflurane, is essential for ensuring patient safety during surgical procedures.

Clinical research has shown that using conventional soda lime with sevoflurane presents a significant risk, as this combination produces compound A, a toxin found to have nephrotoxic effects in animals². For anaesthesiologists and clinicians who require a soda lime that avoids harmful decomposition products, Drägersorb Free offers a safe solution with all common anaesthetic agents.

Thanks to its chemical composition, Drägersorb Free reduces the generation of compound A to a minimum. Additionally, its optimised formula delivers you high CO₂ absorption capacity while prioritising safety throughout its use.

Generates no carbon monoxide: under any clinical condition

An additional important consideration for patient and staff safety is the potential formation of carbon monoxide, a toxic, colourless, and odourless gas. When volatile anaesthetics are used with conventional dry soda lime, carbon monoxide can be produced. Since anaesthesia machines do not measure carbon monoxide, it remains undetectable by clinical staff, posing a hidden risk to your induced patients.

Drägersorb Free is formulated to reduce this concern by limiting the risk of carbon monoxide generation^{1,2}. Regardless of the soda lime's humidity, you can be confident that your patients are fully protected throughout the induction process.

Benefits

High CO₂ absorption capacity

Safety you can see, results you can rely on. When working with patients in a critical environment, you need to count on equipment and the accessories that complement them – 100% of the time.

Our unique soda lime pellet design took us years of dedicated research and engineering. The result is an optimal shape that gives you even and effective absorption of CO₂. Its hemispherical pellet shape allows for more compact packing, making channeling less likely. Moreover, thanks to its clear colour change, you have an indication of the level of absorption and exhaustion.

Practical packaging

To save time and help manage costs, Drägersorb Free is available in our disposable Drägersorb CLIC cartridge, compatible with all modern Dräger anaesthesia workstations. This fast, clean, and simple single-use solution provides you with flexibility while delivering high-quality performance.

You and patient are protected by:

- Zero-contact with the soda lime.
- No exposure to dust.
- The flexibility to replace the absorber filling at any time, even during surgery, thanks to its non-return valve.

Drägersorb Free is offered in both the disposable Drägersorb CLIC Free cartridge and a 5 L refillable canister. For machines with blower technology, such as the Dräger Zeus Infinity Empowered or Perseus A500, using a dust filter is recommended when refillable soda lime absorbers are in use.

Driving innovation with sustainability in mind

As the only manufacturer in the world developing both high-performance devices and high-quality soda lime, Dräger is committed to ensuring high quality while prioritising sustainability. With over 130 years in medical technology, we take responsibility in shaping a more sustainable future.

Drägersorb products combine patient safety with an eco-conscious design. They are free from natural latex, PVC, and phthalates like DEHP (a possible human carcinogen⁴). To reduce environmental impact, production is based in Germany with local European sourcing. We've also implemented a soda lime recycling programme in Germany, saving 41 tons of CO₂ emissions in 2024.

This is our commitment to a healthier planet and a more sustainable future.

Details

D-9970-2024



MX50050 Drägersorb Free 5-L canister



MX50100 CLIC Absorber Free

D-566-2009



MX50090 Drägersorb CLIC Adapter

D-6626-2022



MX50120 Infinity ID CLIC Absorber Free



MX10209 Canister opener, for canisters MX00001 and MX50050

D-27640-2017



MX50115 Dust filter

Technical Data

Drägersorb free

Material:	
Housing CLIC	Polypropylene (PP)
Red cap CLIC, Canister and plug	Polyethylene (PE)
Soda Lime Drägersorb FREE	Calcium hydroxide, calcium chloride, sodium hydroxide, ethyl violet, water

Dust filter

MX50115

Material:	
Housing	PP polypropylene
Fleece	Polyolefin

Ordering Information

Description	Order no.
Drägersorb Free 5-L canister	MX50050
CLIC Absorber Free (6 absorbers per box)	MX50100
Drägersorb CLIC adapter	MX50090
Infinity ID CLIC Absorber Free, disposable, 1.2 l, 6 pcs.	MX50120
Canister opener, for canisters MX00001 and MX50050, 5 pcs.	MX10209
Dust filter, 5 pcs.	MX50115

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