

Carbon Dioxide Absorbents

The complete choice



CO₂ Absorbents The choice is yours

Our range of medical grade absorbents and standard soda lime are available in a number of configurations to suit your requirements. These include loose fill, pre-filled absorbent cartridges and disposable absorbers for specific equipment.

Spherasorb® A unique medical grade soda lime designed specifically for clinical use. Spherasorb's chemical formulation has been developed specifically to address the potential problems of use within the medical environment.

LoFloSorb® A unique medical grade CO₂ absorbent that contains no Alkali Hydroxide. LoFloSorb eliminates the risk associated with reactions with volatile anesthetics.

Intersorb Plus® A conventional soda lime Carbon Dioxide absorbent comprised of short porous 3mm diameter strands.

Intersorb Plus is only available in loose fill jericans.



What is Spherasorb®?

A unique medical grade soda lime designed specifically for clinical use.

Spherasorb's chemical formulation has been developed specifically to address the potential problems of use within the medical environment.

Features and Benefits

Only 1.5 % Sodium Hydroxide. Less than standard Soda Lime

Zeolite to reduce the risk of drying out. No other absorbents contain a zeolite.

Spherasorb is made of 3-4mm spheres processed to minimize potential dusting. Its uniform shape allows consistent bed packing, resulting in a more even flow of gases through the absorber and therefore, a very efficient absorption of CO₂.



LoFloSorb® is a zero-caustic absorbent, totally eliminating the risk of degradation products such as Carbon Monoxide and Compound A. The unique color change of LoFloSorb from green to violet remains visible for a very long time. This provides a safeguard against color regeneration leading to the potential for exhausted product being mistaken for fresh product. These unique features allow for complete product usage without premature changes of the absorbent due to concerns about color regeneration or anesthetic degradation.

Intersorb Plus® is a conventional carbon dioxide absorbent, addressing the need for a low-cost product.

The Drum®

1kg. pre-filled absorbent cartridge

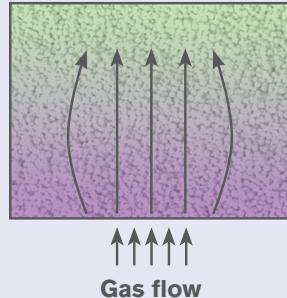
The Drum is an easy to use, pre-filled 1kg. absorbent cartridge that has been developed specifically for clinical use during anesthesia. Its shape and dimensions follow an established conventional design. However The Drum's unique central baffle and dispersion channels allow for greater utilization of the soda lime.

The Drum can be used on all anesthetic machines with single or double absorbers that have been designed to take a conventional pre-filled cartridge.

The Drum cartridge must be used in conjunction with inspiratory CO₂ monitoring.

Standard cartridge

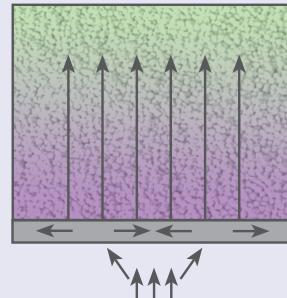
Coring



Gas flow

The Drum

Improved gas flow



Gas flow

Unique design with central baffle and dispersion channels

Reduced channelling and coring

With The Drum, optimum flow and dispersion is achieved resulting in a better utilization of the soda lime granules and a more visible color change from the outside.

Quick and convenient exchange of absorbent

The Drum eliminates the time-consuming task of pouring loose granules into the absorber and removing when exhausted.



Choice of two Intersurgical absorbents

The Drum is available filled with LoFloSorb and Spherisorb.

The Pyramid®

1kg. pre-filled disposable carbon dioxide absorber

The Pyramid is an easy to use disposable absorber specifically developed for clinical use during anesthesia to absorb CO₂ within an anesthetic breathing system.

The Pyramid is compatible with the following Draeger® anesthetic workstations: Cicero EM® Cato edition® Fabius CE® Fabius GS® Julian® Primus® Zeus® Perseus® Fabius Tiro® Apollo® and Spacelabs ARKON™

The Pyramid can only be used on the above Draeger® workstations if they have been fitted with the Draeger® CLIC® adaptor.

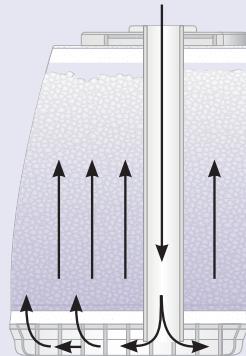
It is essential that the user:

- Follows the Instructions For Use of the Draeger® anesthetic workstation concerned.
- Refers to the Instructions For Use supplied with each box of Intersurgical Pyramid absorbers.

The Pyramid cartridge must be used in conjunction with inspiratory CO₂ monitoring.

Gas dispersion chamber

Provides optimum flow and dispersion, resulting in a better utilization of the soda lime granules and a more visible color change.



Compatible with the Draeger® CLIC® adaptor

Enables fast exchange of absorbent with minimal interruption of absorption. Eliminates the need to pour loose granules and significantly reduces dust emission.

An air-tight seal for storage

The Pyramid is fitted with an air-tight cap to protect the absorbent from moisture and carbon dioxide within the air.



Clip to indicate the correct location in the CLIC® adaptor

See Instructions For Use

Efficient CO₂ absorption

A gas dispersion chamber at the base of the Pyramid provides optimum flow and dispersion resulting in a better utilization of the soda lime granules and a more visible color change from the outside.

No dust emissions

Foam filters ensure that any fine particles or dust are retained within the Pyramid and not allowed to escape into the breathing system or into the atmosphere during handling, therefore, providing a safe solution for the user.

IS Pac®

0.5kg. pre-filled disposable carbon dioxide absorber

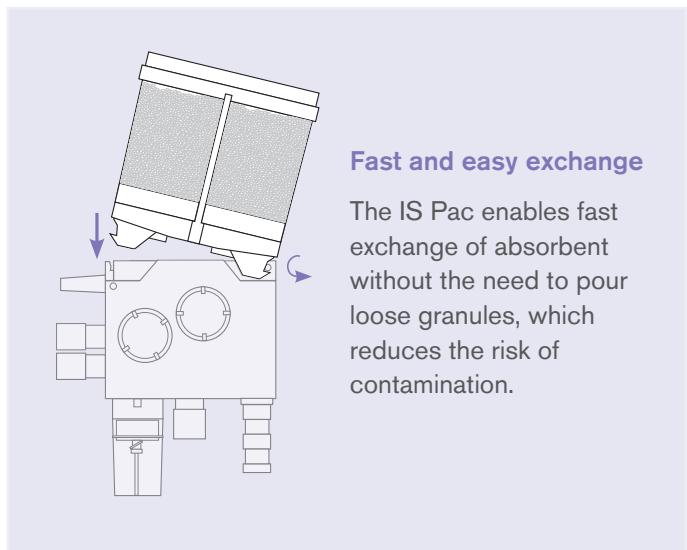
The IS Pac is an easy to use disposable absorber that has been developed specifically for clinical use during anesthesia to absorb carbon dioxide within an anesthetic breathing system.

The IS Pac is designed to be used on both the **Anmedic Q Block®** and **GEH (ADU) Compact Block®**

Before using the IS Pac it is essential to do the following:

- Become familiar with and follow the Instructions For Use of the anesthetic workstation concerned.
- Refer to the Instructions For Use supplied with each box of Intersurgical IS Pac canisters.

The IS Pac cartridge must be used in conjunction with inspiratory CO₂ monitoring.



Fast and easy exchange

The IS Pac enables fast exchange of absorbent without the need to pour loose granules, which reduces the risk of contamination.

Airtight seals for storage

The IS Pac is fitted with airtight caps to protect the absorbent from moisture and carbon dioxide within the air.



No dust emission

Foam filters ensure that any fine particles or dust are retained within the IS Pac and not allowed to escape into the breathing system or into the atmosphere during handling, therefore, providing a safe solution for the user.



IS Can®

1kg. pre-filled disposable carbon dioxide absorber

The IS Can is an easy to use disposable absorber that has been developed specifically for clinical use during anesthesia to absorb carbon dioxide within an anesthetic breathing system.

The IS Can is compatible only with the following GE® anesthetic workstations: *Aespire*®, *Avance*®, *Aisys*®, *ADU*®

Before using the IS Can it is essential to do the following:

- Become familiar with and follow the Instructions For Use of the anesthetic workstation concerned.
- Refer to the Instructions For Use supplied with each box of Intersurgical IS Can cartridges.

The IS Can cartridge must be used in conjunction with inspiratory CO₂ monitoring.

Fast and easy exchange

The IS Can enables fast exchange of absorbent without the need to pour loose granules, which reduces the risk of contamination.

No dust emission

Foam filters ensure that any fine particles or dust are retained within the IS Can and not allowed to escape into the breathing system or into the atmosphere during handling.



Efficient CO₂ absorption

A gas dispersion chamber at the base of the IS Can allows for optimum flow up through the absorbent.

Ordering Information

Loose fill options

1kg. packages or 5 liter jerican



Code	2175000	2173000	2178000	2179000
Box Quantity	2	10	2	2
Absorbent	Spherasorb	Spherasorb	LoFloSorb	Intersorb Plus
Pack type	5L Jericans	1kg Bag	5L Jericans	5L Jericans
Color change	White to Violet	White to Violet	Green to Violet	White to Violet

The Drum®

1kg. pre-filled absorbent cartridge



The Drum is compatible with all anesthetic machines with single or double absorbers that have been designed to use a conventional pre-filled cartridge.

Code	2186000	2188000
Box Quantity	10	10
Absorbent	Spherasorb	LoFloSorb
Color change	White to Violet	Green to Violet

The Pyramid®

1kg. pre-filled disposable carbon dioxide absorber



The Pyramid is compatible with the following Draeger anesthetic workstations if fitted with the Draeger® CLIC® adaptor:

Cicero EM® Cato edition® Fabius CE® Fabius GS® Julian® Primus® Zeus® Perseus®
Fabius Tiro® Apollo® and Spacelabs ARKON™

Code	2191001	2193001
Box Quantity	6	6
Absorbent	Spherasorb	LoFloSorb
Color change	White to Violet	Green to Violet

IS Pac®

0.5kg. pre-filled disposable carbon dioxide absorber

The IS Pac is compatible with **GEH (ADU) Compact Block®**
and **Anmedic Q Block®**



Code	2183003	2183005
Box Quantity	10	10
Absorbent	Spherasorb	LoFloSorb
Color change	White to Violet	Green to Violet

IS Can®

1kg. pre-filled disposable carbon dioxide absorber

The IS Can is compatible only with the following GE® anaesthetic workstations: **Aspire®**, **Avance®**, **Aisys®**, **ADU®**



Code	2196000	2198000
Box Quantity	6	6
Absorbent	Spherasorb	LoFloSorb
Color change	White to Violet	Green to Violet