



# The SmartCan™

Disposable CO<sub>2</sub> absorber



Anesthesia ▪ CO<sub>2</sub> Absorbents

## The SmartCan™

The SmartCan™ is Intersurgical's 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 SmartCan is compatible with the GE Healthcare® anesthesia 600 series Carestation®; Carestation® 650™, Carestation® 620™, Carestation® 650c Pendant™ Carestation® 650c Wall Mount™ and Carestation 750™.

It is essential that the user follows both the Instructions For Use of the appropriate GE Carestation and also the Instructions For Use supplied with each box of Intersurgical SmartCan absorbers.

For full details of how to attach and use the SmartCan, please refer to Instructions For Use.



### Fast and easy exchange

The SmartCan enables fast exchange of absorbent without the need for time consuming pouring of loose granules, or the risk of contamination

### Medical grade absorbents

For extra safety with volatile anesthetics

### Air-tight seal for storage

### No dust emission

Low resistance scrim membranes ensure that any fine particles or dust are retained within the SmartCan and not allowed to escape into the breathing system or into the atmosphere during handling

### Efficient CO<sub>2</sub> absorption

A gas dispersion chamber at the base of the SmartCan allows for optimum flow up through the absorbent





## Intersurgical absorbents contained within the SmartCan™

### Spherasorb™

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

Spherasorb has a long history of use within anesthesia and meets all the requirements of the United States and British Pharmacopoeias (USP). Spherasorb's chemical formulation has been developed specifically to address the potential problems of use within the medical environment, while maintaining the highest possible CO<sub>2</sub> capacity.

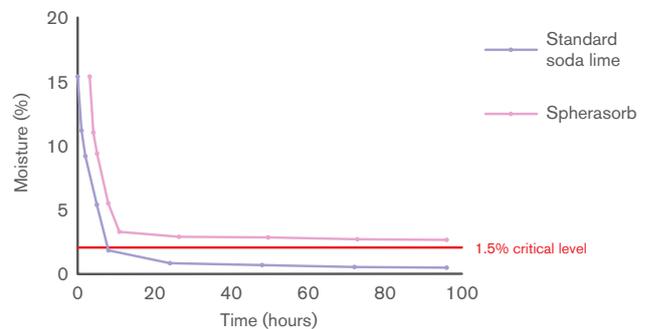


#### Features and benefits:

- Only 1.5% sodium hydroxide. Less than standard soda lime.
- Contains zeolite to reduce the risk of drying out and offer pH buffering. No other absorbent contains zeolite.
- Spherasorb is made of 3-4mm spheres, to allow hexagonal close packing, for efficient gas flow and absorption and minimize potential dust.

Independent tests have shown that Spherasorb's unique formulation significantly reduces the risk of drying out and reaction as well as heat generation with volatile anesthetic agents. Spherasorb exceeds the requirements of the United States Pharmacopoeia (USP).

Drying curve. 400g of absorbent. 8 L/min oxygen flow (0% RH). Spherasorb vs Standard soda lime.



### LoFloSorb™

#### A unique medical grade CO<sub>2</sub> absorbent that contains no alkali hydroxide

LoFloSorb has a long history of use within anesthesia and meets all the requirements of the United States and British Pharmacopoeias (USP). LoFloSorb eliminates the risk associated with reactions with volatile anesthetics.



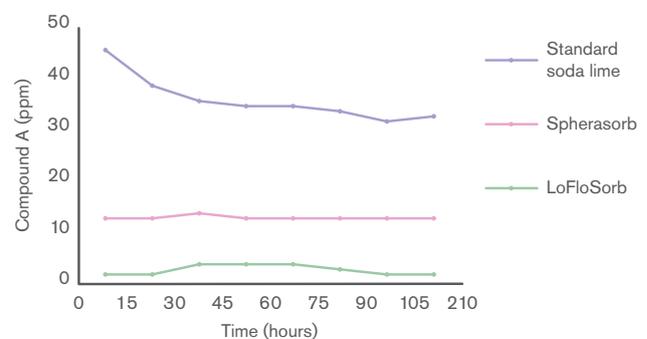
#### Features and benefits:

- LoFloSorb contains no potassium hydroxide and no sodium hydroxide. Therefore LoFloSorb contains no aggressive chemicals that can react with the volatile anesthetics
- LoFloSorb is made of 3-4 mm spheres, to allow hexagonal close packing, for efficient gas flow and absorption and minimize potential dust
- LoFloSorb offers a very stable green to violet color change. This eliminates the potential for exhausted product being mistaken for fresh

Due to the absence of any alkali hydroxide LoFloSorb does not last as long as standard soda limes or Spherasorb. LoFloSorb meets all the requirements of the United States Pharmacopoeia (USP).

Compound A is a breakdown product of sevoflurane with dry absorbents. Independent tests have demonstrated that LoFloSorb eliminates the risk of reaction with sevoflurane and other volatile anesthetics.

LoFloSorb eliminates the risk of reaction with Sevoflurane



*The degree of color change at exhaustion depends on the conditions of use and is an indication only. Color change must be used in conjunction with monitoring of inspired CO<sub>2</sub>.*

## Safety information

All Intersurgical carbon dioxide absorbents are classified as irritant under regulation (EC) No. 1272/2008 [CLP]

They all contain less than 4% sodium hydroxide and are not subject to transport restrictions

They are exempt from both, (ADR) under special provision 62; and IATA under special provision A16

H315: Causes skin irritation

H318: Causes serious eye damage

P280: Wear protective gloves/protective clothing/eye protection/face protection

P302/P352: If on skin: Wash with plenty of soap and water

P305/351/338: if in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing

P332/313: If skin irritation occurs: Get medical advice/attention



## Committed to lowering our environmental impact

Intersurgical is committed to lowering our environmental impact of both products and services and have implemented an Environmental Management System which has been certified to the international standard ISO 14001:2015. We follow this framework to establish and ensure a sustainable approach across the business and throughout the lifecycle of our products. Spherasorb design and production follows this with waste recycled back into usable Soda Lime, reducing factory waste to minimal levels. In addition Spherasorb's specific design ensures maximum capacity and longevity of use reducing the amount required to be used and further reducing costs and the environmental impact of waste.



2169001



2169003

Code	Description	Size	Qty.
2169001	SmartCan™ Spherasorb™ disposable CO <sub>2</sub> absorber, white to violet color change	1.6L	6
2169003	SmartCan™ LoFloSorb™ disposable CO <sub>2</sub> absorber, green to violet color change	1.6L	6

[Make an inquiry](#)

[Watch the video](#)

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Carestation is a registered trademark of Datex-Ohmeda, Inc. Datex-Ohmeda, Inc. is a General Electric Company

620, 650, 650c Pendant and 650c Wall Mount are trademarks of General Electric Company

US Lit No. 2671 • 03.23