



GIBECK ISO-GARD® HEPA FILTERS

Gibeck Iso-Gard® HEPA Filters – highly efficient mechanical HEPA filters with HME properties

HEPA stands for High Efficiency Particulate Air and refers to a highly effective, hydrophobic, mechanical filter. Iso-Gard® HEPA bacterial/viral filters with HME properties protect patients, medical personnel, tube systems and ventilation equipment from cross contamination.

The high filtration efficiency (99.99999%) of Iso-Gard® HEPA Filters has been certified by independent institutes.

The filters, available in two versions, as IsoGard® HEPA Light and as Iso-Gard® HEPA Small, comply with all the required quality standards.

Their application in anaesthesia and intensive care can be both patient-oriented as well as machine-oriented.

Iso-Gard® HEPA Light

According to the CEN filter standard the Iso-Gard® HEPA Light has received HEPA classification 13.

In addition, the Iso-Gard® HEPA Light has HME properties. It is available as a patient version with CO₂ port as well as a filter for machine use.

Iso-Gard® HEPA Small

This compact version of the Iso-Gard® HEPA Light filter can be used with adults and children alike.

This hydrophobic filter is as effective with regard to bacteria and viruses as the larger model.

According to the CEN filter standard the Iso-Gard® HEPA Small has received HEPA classification 13 and is ideal for low-flow anaesthesia.



AT A GLANCE

Iso-Gard® HEPA Light, Iso-Gard® HEPA Small

- hydrophobic, mechanical filters
- HME properties
- HEPA classification 13
- 99.99999% filtration efficiency
- round corners for increased patient comfort
- lightweight, small dead space
- ISO standard connectors
- latex-free

IsoGard® HEPA Filters are also available in several options with different Flex tubes.

PRODUCT INFORMATION

	Iso-Gard® HEPA Light			Iso-Gard® HEPA Small	
					
Ref.	CO ₂ port			angled	straight
sterile	28 001			28 051	28 061
clean	28 002	28 012	28 022	28 052	28 062
Dead space	80 ml	80 ml	80 ml	31 ml	29 ml
Weight	37 g	37 g	37 g	23 g	23 g
Connectors	5 M/22F-22M/15F		22 M/15 F-22 M	15 M / 22 F - 15 M	15 M / 22 F - 15 M
Medium	true hydrophobic mechanical glassfibre paper			true hydrophobic mechanical glassfibre paper	
Tidal volume	300 - 1200 ml			150 - 1000 ml	
Resistance to flow	at 60 l/min., 2.0 cm H ₂ O		2.0 cm H ₂ O	1.6 cm H ₂ O	
Moisture loss*	9 mg H ₂ O/l at V _T 500 ml			11 mg H ₂ O/l at V _T 250 ml 17 mg H ₂ O/l at V _T 500 ml	
Moisture output*	27 mg H ₂ O/l at V _T 500 ml			25 mg H ₂ O/l at V _T 250 ml 20 mg H ₂ O/l at V _T 500 ml	
Bacter. efficiency	> 99.99999%			> 99.9999%	
Viral efficiency	> 99.9999%			> 99.9999%	
Mycrobacterium Tuberculosis	> 99.999%			> 99.999%	
HEPA class	13			13	
Qty (box / case)	200 / 20			250 / 25	

* Measured in accordance with ISO 9360.

Tested in accordance to EN 13328-1.