Single-use Filter Sets
For insufflation and smoke evacuation
Sterile insufflation tubing sets with single-use filter for safe gas insufflation

Protecting hospital patients from infection is a recurrent issue in times of bacterial multidrug resistance and the increasing ineffectiveness of antibiotics. Numerous viral infections may be transmitted as well, some of which are incurable and are therefore life-threatening for affected patients.

Eliminating known risks is therefore essential. For instance, gas insufflation for generating the pneumoperitoneum in laparoscopy poses such a risk. Between the gas insufflation unit and the patient, a sterile single-use filter must be installed to prevent potential cross-contamination between two patients through the unit. Such cross-contamination may occur due to sudden gas backflow from the patient to the unit, for instance if pressure is applied on the abdomen.

Requirements for the correct filter/unit combination to ensure patient safety

To effectively protect the patient from potential cross-contamination, a sterile insufflation tubing set with single-use gas filter must be used every time. Ultimately, this means that each insufflation tubing set with gas filter must be used only once on a single patient for one procedure.

The product must be approved and certified for insufflation purposes according to the Medical Device Directive 93/42/EEC. Furthermore, it must be compatible with the insufflation units.

Using KARL STORZ insufflation tubing sets with gas filter in combination with KARL STORZ insufflators meets all criteria for patient protection and full performance of the units.

Summary of the quality features of KARL STORZ insufflation sets with gas filter

- Sterile insufflation tubing sets with gas filter for single use
- Approved and certified for insufflation
- Proven compatibility with KARL STORZ insufflation units
- Guaranteed compatibility with the high-flow capacities of KARL STORZ units
- Filter membrane hydrophobic on both sides
- Highest filter efficiency for bacteria and viruses
Insufflation tubing set with gas filter, heatable, for single use

- Preheated gas for a better view and patient comfort
- Gas heating: 37 °C +/- 10 %
- 3 m long
- Maximum gas flow of 50 l/min
- Approved for the insufflator ENDOFLATOR® 50
- Package of 10, 031210-01

031210-10 **Insufflation Tubing Set with Gas Filter**, length 300 cm, heatable, hydrophobic on both sides, sterile, for single use, package of 10, for use with ENDOFLATOR® 50
Insufflation tubing set with gas filter, for single use

- 3 m long
- For use with insufflation devices with a maximum gas flow of 50 l/min
- Compatible and recommended for the insufflaters ENDOFLATOR® 40 and ENDOFLATOR® 50
- Package of 10, 031200-01

031200-10 Insufflation Tubing Set with Gas Filter, length 300 cm, hydrophobic on both sides, sterile, for single use, package of 10, for use with insufflation units with a maximum gas flow of 50 l/min (Electronic ENDOFLATOR®, THERMOFLATOR®, ENDOFLATOR® 40, ENDOFLATOR® 50)
Insufflation set with gas filter, for single use

- 3.20 m long
- For use with insufflation devices with a maximum gas flow of 30 l/min
- Compatible with and recommended for the insufflators THERMOFLATOR® and Electronic ENDOFLATOR®
- Package of 10, 031222-01

031222-10 **Insufflation Set with Gas Filter**, length 320 cm, hydrophobic on both sides, sterile, for single use, package of 10 including:

- 10x **Gas Filter with Insufflation Tube**, sterile
- **Adaptor with Tube**, unsterile
- **Adaptor**, unsterile, for use with insufflation units with a maximum gas flow of 30 l/min (Electronic ENDOFLATOR®, THERMOFLATOR®)
Insufflation tubing set with gas filter, for single use

- Two patient-side Luer-Lock tubing connectors for two trocars
- Maximum gas flow even when using standard trocars with standard Luer-Lock connectors
- 4 m long
- For use with insufflation devices with a maximum gas flow of 30 l/min
- Compatible with and recommended for the insufflators THERMOFLATOR® and Electronic ENDOFLATOR®
- Package of 10, 031622-01

031622-10 Insufflation Tubing Set with Gas Filter, length 400 cm, two patient-side tube connections, hydrophobic on both sides, sterile, for single use, package of 10, for use with insufflation units with a maximum gas flow of 30 l/min (Electronic ENDOFLATOR®, THERMOFLATOR®, ENDOFLATOR® 40, ENDOFLATOR® 50)
Gas filters for single use

- Luer-Lock connector
- For use with insufflation devices with a maximum gas flow of 1 l/min
- Compatible and recommended for the insufflator MICRO-HYSTEROFLATOR
- Package of 10, 031123-01

031123-10  **Gas Filter**, with male and female Luer-Locks, sterile, for single use, package of 10, for use with insufflation units with a maximum gas flow of 1 l/min (HAMOU® MICRO-HYSTEROFLATOR SCB)
Smoke evacuation filter set, for single use

The smoke evacuation filter set is used to remove smoke vapor generated in laparoscopic procedures in order to protect the patient and OR personnel.

- Length 50 cm
- Male LUER-Lock connector
- Flow rate up to 8 l/min at 15 mmHg
- Roller clamp for controlling the flow rate
- No additional equipment required to use the smoke evacuation filter set
- Package of 10, 031110-10

031110-10  Smoke Evacuation Filter Set, with 50 cm tube, with male LUER-Lock, sterile, for single use, package of 10, for use with trocars with LUER-Lock connector
Please note that the described products in this medium may not be available yet in all countries due to different regulatory requirements.

It is recommended to check the suitability of the product for the intended procedure prior to use.