

Highlights

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MTP Single-Use Products

STORZ
KARL STORZ – ENDOSKOPE



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**, heatable, 3 m, hydrophobic on both sides, sterile, for single use, package of 10, for use with KARL STORZ 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 insufflators ENDOFLATOR® 40 and ENDOFLATOR® 50
- Package of 10, 031200-01

031200-10 **Insufflation Tubing Set with Gas Filter**, 3 m, 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 (KARL STORZ 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**, 3.2 m, hydrophobic on both sides, sterile, for single use, package of 10 including:
10x **Gas Filter with Insufflation Tube**, sterile
Adaptor with Tube, non-sterile
Adaptor, non-sterile, for use with insufflation units with a maximum gas flow of 30 l/min (KARL STORZ 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**, 4 m, 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 (KARL STORZ 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 (KARL STORZ MICRO HYSTEROFLATOR®)

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



THE DIAMOND STANDARD

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