

CONTRafluran™

SENSOfuran^{PLUS} - Fill Level Control Unit

SUPPLEMENTARY INSTRUCTIONS FOR USE



These operating instructions contain information about the SENSOfluran^{PLUS} Fill Level Control Unit.



Please read these Instructions for Use carefully before installing and commissioning the SENSOfluran^{PLUS} Fill Level Control Unit. The Instructions for Use are an integral part of the product and must be kept in the immediate vicinity of the equipment, accessible to the operating personnel at all times.



WARNING:

CONTRAfluran™ Anaesthetic Gas Canister is NOT capable of adsorbing nitrous oxide (N₂O).

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1. What is SENSOfluran^{PLUS}?

SENSOfuran^{PLUS} Fill Level Control Unit is the CONTRAfluranTM canister holder with integrated sensory level control which is to be connected, via the appropriate hose, to the operating room Anaesthetic Gas Scavenging System (AGSS).

As long as this connection is installed correctly, the restriction regarding nitrous oxide (N₂O) that applies to SENSOfluranTM does not apply. SENSOfluran^{PLUS} Fill Level Control Unit indicates when the canister is full and needs to be replaced.

2. Intended Use

The safe and effective use of the CONTRAfluranTM Anaesthetic Gas Canister in combination with SENSOfluran^{PLUS} Fill Level Control Unit is only guaranteed if the information in these Instructions for Use is strictly followed. Only the authorized recommended hoses or other connectors that seal tightly with the inlet to CONTRAfluranTM canister AND the SENSOfluran^{PLUS} outlet connector, may be used.

Claims of any kind against ZeoSys Medical GmbH or its authorized representatives for damage resulting from improper use of the Canister and the Fill Level Control Unit are excluded.

All aspects such as:

- Safety Instructions
- Commissioning

for SENSOfluran^{PLUS} Fill Level Control Unit can be taken from the instructions for Use for CONTRAfluranTM Anaesthetic Gas Canister and SENSOfluranTM Fill Level Control Unit.

3. Installation Instructions for SENSOfluran PLUS Fill Level Control Unit

Before commissioning the SENSOfluran^{PLUS} Fill Level Control Unit, please ensure that all the necessary components required for proper operation are present.

These are:

- The CONTRAfluranTM Anaesthetic Gas Canister
- The SENSOfluran^{PLUS} - Fill level Control Unit
- Accessories: 22 mm corrugated hose and possible adapters for use with different connections

The installation of the SENSOfluran^{PLUS} Fill Level Control Unit must be carried out by trained personnel!

It has to be ensured that the hose connections used on the inlet and outlet side of the CONTRAfluranTM / the SENSOfluran^{PLUS} Fill Level Control Unit close tightly and that, as a matter of principle, the function is only guaranteed when the anaesthesia machine is operated in **passive mode**.

The anaesthesia machines listed below as examples do not allow this **passive mode** or do allow it only by device intervention and are therefore **NOT** for the intended use of the CONTRAfluranTM Anaesthetic Gas Canisters with the SENSOfluran^{PLUS} Fill level Control Unit according to the Instructions for Use:

- Dräger Atlan
- Getinge Flow I

In case of doubt, please consult the manufacturer of the anaesthesia machine.

3.1 SENSOfluran^{PLUS} Example Installation



At the beginning, the **reservoir (1)**, which is interposed between your anaesthesia machine and the AGSS (in or on the machine) must be disconnected from the System. The exhaust gas Output from the anaesthesia machine is directly connected to the **CONTRAfluranTM** Anaesthetic Gas canister inlet. The **CONTRAfluranTM** is inserted in the **SENSOfuran^{PLUS}** Fill Level Control Unit (**2 → 3**).

The **SENSOfuran^{PLUS}** Fill Level Control Unit is connected to the operating room AGSS Connection as shown representatively in figure (**4 → 5**).



In certain anesthesia machine settings, such as a prolonged oxygen flush, there may be a brief escape of oxygen in the area of the **CONTRAfluran/SENSOfuran Filter System** into the environment. Therefore, the attachment to the anesthesia machine or in the vicinity of the anesthesia machine must be carried out in such a way that anesthesia machine functions, such as self-tests/calibrations or electrical components, are not affected at any time. If the anesthesia machine in combination with the **CONTRAfluran/SENSOfuran Filter System** exhibits behavior that deviates from the norm, such as error messages in the self-test or impaired ventilation, which does not occur during operation without this filter system, this combination must not be operated in the corresponding configuration and the cause of this behavior must first be clarified.

4. Transport and Storage

The following points must be observed when transporting the SENSOfluran^{PLUS} Fill Level Control Unit:

- The shipping carton must always stand upright during the entire transport process.
- The carton must not be tilted or turned over.
- Open the carton carefully and from the top to prevent damage to the contents.

For storage instructions of the SENSOfluran^{PLUS} Fill Level Control Unit, please refer to the Instructions for Use of CONTRAfluranTM Anaesthetic Gas Canister with SENSOfluranTM Fill Level Control Unit.

5. Cleaning and Maintenance of the SENSOfluran^{PLUS} Fill Level Control Unit

For surface cleaning, the SENSOfluran^{PLUS} Fill Level Control Unit can be wiped down with cleaning agents containing hydrogen peroxide or detergents.

DO NOT use alcohol-based cleaners, as they will impair the performance of the SENSOfluran Fill Level Control Unit. How often the SENSOfluran^{PLUS} Fill Level Control Unit is wiped down depends on the existing hospital protocol for wiping down the anesthesia cart.

The maintenance intervals correspond to the intervals specified in the CONTRAfluranTM Anesthetic Gas Canister with SENSOfluranTM Fill Level Control Unit Instructions for Use.

CAUTION: During cleaning or disinfection, please avoid wetting the sensor and electronic unit located in the inner part of the SENSOfluran^{PLUS} Fill Level Control Unit with liquid!

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