

6 Functional checks/Cleaning

2 Cleaning, disinfection, sterilization

2.1 Cleaning and disinfection

CAUTION

Use of harsh cleaning agents, liquids or sprays.

Risk of electrical hazard or damage to the system

- ◆ Use only substances for cleaning and disinfection, which are recommended.
- ◆ Do not let cleaning liquids seep into the openings of the system (e.g. air openings, gaps between covers).
- ◆ Observe the cleaning and disinfection instructions.

CAUTION

Inadequate cleaning and disinfection

Risk of infection

- ◆ Clean and disinfect all contaminated surfaces and all parts which may come (or have come) into contact with patient after each examination.
- ◆ For cleaning, use water or a lukewarm diluted household cleaning agent solution.
- ◆ For disinfection, use common surface disinfectants (such as quaternary compounds and/or guanidine derivatives).
- ◆ For disinfection of the wireless detector, use a hospital grade, EPA (Environmental Protection) registered low to intermediate-level product for hard, non-porous surfaces and equipment, such as Sani-Cloth® PLUS.

Recommendation:

- ◆ Protect the portable detector with a single use plastic bag (for the system which contains the detector).

CAUTION

Wrong fluids for cleaning and disinfection can damage the surface of the control console

Damaged surface can host biological organisms

- ◆ Take account of notes in the manual

2.1.1 Cleaning

- ◆ Before cleaning the system, shut down the system properly.

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When cleaning and disinfecting, use suitable gloves for your own protection.

- ◆ Clean all contaminated parts and all parts that may or have come into contact with the patient directly or indirectly.

Equipment

- ◆ Only use water or a lukewarm diluted household cleaning agent solution.



The use of other than the recommended cleaning agents can result in damage to the equipment.

- ◆ Wipe system parts with a damp cloth (squeeze out wet cloth before using it) until all contaminations are removed.
- ◆ Remove any watery residues immediately.

Ventilation slots

- ◆ Keep the ventilation slots of all components unobstructed.

Touch User Interface (TUI)

You must clean the TUI regularly because it becomes dirty with fingerprints:

- ◆ Do not spray the TUI directly.
- ◆ Wipe the TUI only with a clean, damp cloth

Monitors and keyboard

When cleaning the monitor screens or displays use only a moist cloth without any cleaning agents.

- ◆ Wipe the screen.
- ◆ Dry it with a soft cotton cloth.
- ◆ Remove any contamination (such as contrast medium stains) immediately.



Liquid-crystal displays (LCD) are very sensitive to mechanical damage.

- ◆ Avoid scratches and shocks.

Remove drops of water immediately, because longer contact with water discolors the surface.

Generator

CAUTION

When cleaning the generator cover, liquids can seep into the generator and cause electric shock, short circuits, or corrosion of electrical parts

Risk of serious injury or damage to electronic components!

- ◆ Before cleaning the generator, shut down the system properly.
- ◆ Do not spray the generator cover.

Accessory parts

Please note that for some accessory parts special instructions on cleaning are given in the corresponding chapters.

→ See Register 7: [Accessories and Auxiliary Devices](#).

Unless special instructions are given there, the equipment cleaning instructions are valid.

Parts mounted above the patient

- ◆ Remove dust on parts mounted above the patient regularly.

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2.1.2 Disinfection

- ◆ Disinfect all parts that may or have come into contact with the patient directly or indirectly.
- ◆ In addition, observe the hygiene plan of your hospital.
- ◆ Disinfection the system by wiping only.

For the disinfection of surfaces, we recommend the following active ingredients:

- Quaternary compounds
- Guanidine derivatives



Follow the instructions for use of the manufacturer for these disinfectants.

The use of disinfectants other than those recommended can cause health impairments to the user and damage to the system.

2.1.3 Sterilization

The system does not require sterilization.