
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 (for example, air openings, gaps between covers).
 - ◆ Observe the cleaning and disinfection instructions.
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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.
 - ◆ Use the recommended cleaning agents and disinfectants.
 - ◆ Protect the portable detector with a single-use plastic bag.
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Cleaning

- ◆ Clean all contaminated parts and all parts that can, directly or indirectly, come or have come into contact with the patient.
- ◆ Never use abrasive cleaners or cleaning agents with solvents (e.g. cleaning solutions, alcohol or spot removers), since they may damage housing surfaces.

Cleaning the system

- ◆ Wipe off the system with a cloth moistened in water or a diluted, lukewarm solution of water and dishwashing liquid.
- ◆ Remove any watery residues immediately.
- ◆ Keep the ventilation slots of all components unobstructed.



Caution

Objects on top of the generator cabinet block ventilation

Generator becomes inoperable because it is too warm.

- ◆ Do not store objects on top of the generator cabinet.
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Caution

Cleaning liquids drip into the generator cabinet.

Electrical parts are damaged.

- ◆ Make sure that no liquids are used at the top of the generator cabinet.
 - ◆ Clean the generator cabinet covers very carefully, making sure that no liquid seeps into the cabinet.
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Agents based on quaternary compounds, chlorine derivatives, alcohol and benzene can lead to material damage and are therefore not recommended.

Cleaning the touch user interfaces and monitors

- ◆ Do not spray screen surfaces or displays directly.
- ◆ Clean the screen surfaces or displays with a cotton cloth dampened with water.
- ◆ Remove stubborn stains with a mixture of 2/3 water and 1/3 alcohol.
- ◆ Immediately dry off the screen surfaces or displays with a soft cotton cloth.
- ◆ Wipe off contrast agent spots on the screen surfaces or displays as soon as possible.

Cleaning the mobile detector MAX wi-D

The charge contact plate on the back of the detector must be completely dry before the detector is returned to the docking station. Otherwise, the detector will not charge sufficiently and the charge contact surfaces may corrode.

We recommend to clean the back of the detector first so that it has more time to dry while the front is being cleaned.

Special cleaning instructions for accessory parts

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

See **Register** *Accessories and Auxiliary Devices*

Unless special instructions are given there, the cleaning instructions for the system are valid.

Parts mounted above the patient

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

Disinfection

For surface disinfecting of the system, we recommend using liquid solutions of a commercially available surfactant disinfectant based on the following ingredient classes:

- ☐ Aldehydes
- ☐ Alkylamines
- ☐ Guanidine derivatives
- ☐ Peroxide compounds
- ☐ Pyridine derivatives
- ☐ Organic acids

The safety data sheets of the manufacturer provide detailed information on the composition of the disinfectants.



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As a general rule, disinfectant sprays must not be used since the spray mist may penetrate into the equipment. In this case, the safety of the equipment can no longer be ensured (damage to electronic components, formation of flammable air solvent vapor mixtures).

- ◆ Only use liquid disinfectants.



Some substances contained in disinfectants are known to be hazardous to health. Their concentration in the air must not exceed the legally defined limit.

We recommend that you follow the manufacturer's instructions for use of these products.

Sterilization

The system does not require sterilization.