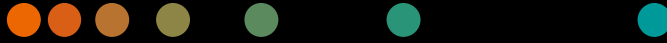


Cleaning and Disinfection Guide

XP Radiography and Fluoroscopy and XP Mobile Systems



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.

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.

Cleaning

- ◆ Before cleaning the system, shut down the system properly. When cleaning and disinfecting, use suitable gloves for your own protection.
- ◆ Clean all contaminated parts and all parts that can, directly or indirectly, come or have come into contact with the patient.

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

Tube base rails

- ◆ We recommend cleaning the tube base rails once a month.
- ◆ Remove the dust that has collected inside of the tube base rails.
- ◆ Only use a lint-free cleaning cloth with alcohol.
- ◆ For hygienic reasons, wear rubber gloves while cleaning.

Plastics

- ◆ Use only special plexiglass cleaning agents, dishwashing detergent, soapy water or laundry detergent.
- ◆ Harsh cleaning agents, such as TCE, acetone, alcohol, and cleaning agents containing any of these agents may cause hairline cracks and eventually breakage even under a small load.

Ventilation slots

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
- ◆ 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, touchscreen 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 immediately any contamination, for example, contrast medium stains.

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.

Mobile detector

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

- ◆ It is recommended to clean the back of the detector first so that it has more Time to dry while the front is being cleaned.

Accessory parts

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

- ◆ 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.

Disinfection

To disinfect surfaces, we recommend solutions of common surface disinfectants based on aldehyde and/or amphoteric surfactants. Some substances contained in disinfectants are known to be hazardous to health.

The following active ingredient classes can be used:

- ◆ Guanidine derivatives
- ◆ Peroxide compounds
- ◆ Organic acids

The following products should not be used:

- ◆ Virex TB
- ◆ Terralin
- ◆ All alcohol-based products
- ◆ All phenol-based products
- ◆ All chlorine-releasing products

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

Disinfecting

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

Sterilization

The system does not require sterilization.

Reference: Siemens Multix Impact, Multix Select, Luminos dRF and Mobilett Miramax Operator Manuals.

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