



Cleaning Guide

Improve your patient safety

MOBILETT Elara Max

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reddot design award
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Cleaning Guide – improve infection control

Healthcare-associated infections are a life-threatening risk to your patients.

You can unintentionally keep that risk alive every time you wheel your mobile imaging unit through the ER, ICU, NICU, OR, or patient rooms. With every move or touch, there are more chances to contaminate your unit with microorganisms that breed infectious diseases.

Reduce the risk of healthcare-associated infections with MOBILETT Elara Max.

With its unique antimicrobial coating and easy-to-clean design, this mobile X-ray system is ideally designed for simplified cleaning and disinfection, helping you enhance both patient and occupational safety.



On average, one in every ten patients worldwide is affected by HAIs.¹

Cleaning and disinfecting agents compatible with the system

Cleaning

Wipe down the system with a diluted, lukewarm solution of dishwashing liquid and water. Use a damp cloth or cotton pad to clean the equipment parts.

Monitor

Remove stubborn stains with a mixture of 2/3 water and 1/3 alcohol.

Disinfection

Base unit, monitor and detector

- Guanidine derivatives
- Peroxide compounds
- Quaternary compounds
- Chlorine derivatives (detector needs to be completely dry before charging)

Additionally, base unit and monitor are compatible with:

- Pyridine derivatives
- Alkylamine
- Organic acids (not suited for bumper in front of the foot cover)

Piece of advice:

- We categorically discourage the use of aldehyde, as it poses a health risk.
 - We categorically discourage the use of petroleum ether and phenolic derivatives, as they can lead to material damage.
 - Other than for the monitor, we do not recommend the use of alcohol, because it can corrode surfaces.
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¹WHO (2016): Health care without avoidable infections: The critical role of infection prevention and control.

This Cleaning Guide is a nonbinding recommendation and is intended for optimizing both intermediate and terminal cleaning. Adaptations due to hospital-specific, application-specific or region-specific requirements need to be considered.

There are two types of cleaning procedures

Simple steps to a clean system

~ 1–2 min

Intermediate disinfection

After every patient exam



1. Before storing the detector in the tray: make sure the contamination risk of the detector was minimized (either by protecting it with a single-use bag or disinfecting it first).

When performing an terminal disinfection, don't store the detector in the tray before also having disinfected the storage compartment!



2. Preparation: remove MOBILETT Elara Max from immediate contamination risk area/patient proximity and move it into a "cleaning position" where all areas of interest are comfortably reached.

Before terminal cleaning, switch off MOBILETT Elara Max and disconnect it from the mains power prior to cleaning or disinfecting.

Intermediate disinfection

~ 4–5 min

Terminal disinfection

After examining infectious patients and according to your hospital's individual disinfection schedule



Tube head

Round handlebar, collimator knob, light button, tape measure, top of tube



Arm area

Arm handle, Micro Inch Mover buttons, hand switch, top area of arm



Monitor area

Monitor screen, number field, key pad, drive handle



If necessary: the body

Front and side proximal to the patient

Terminal disinfection



Tube head

All surfaces



Arm area

All surfaces



Monitor area

Monitor screen, number field, key pad, drive handle



All surfaces of the MOBILETT Elara Max body

Wipe from top to base



Detector storage compartment

All sides, if required also inside detector holder

Cleaning and disinfecting things that matter



Remove

microorganisms effectively thanks to the easy-to-clean design

Prevent

infection transmission with the antimicrobial coating

Manage

system cleaning in the most efficient way

Contamination protection:

- Do not touch the monitor with gloves that have touched the patient.
- Adjust examination settings before patient interaction.
- Use different pairs of gloves for preparing the patient and cleaning the system.
- Use a single-use bag for protecting the detector from any contact with body fluid or treatment residues (iodine treatment usually causes permanent coloring of the flat detector).

Workforce protection:

- While cleaning and disinfecting, wear gloves with sufficient chemical resistance.

Thorough cleaning hints:

- Before conducting the disinfecting, If the system is contaminated with blood or treatment residues, ...
 - Wipe away blood using cold water.
 - Wipe away skin cream and other fatty substances using soapsuds.
 - Discard the wet wipe or mop and use a new one to continue cleaning.

- Generally, use mops and wipes only as long as they leave a consistent moist film on the surface.
- Apply the cleaning or disinfecting agent with firm pressure.
- Always work from top to bottom and from clean to dirty areas.

System damage protection:

- Use only recommended materials and ingredients for cleaning and disinfection.
- Do not use dripping wet wipes, but “moist/dampish” ones.
- Do not let cleaning liquids seep into the openings of the system, e.g. air openings, gaps between covers.
- Make sure the charging contacts of the detector are completely dry before stowing it (risk: impaired charging process, corrosion).
- Do not use paper towels for wiping down the monitor (risk: scratches).
- Do not spray cleaning and disinfecting agents directly onto the system or the monitor.

MOBILETT Elara Max is not commercially available in all countries. Due to regulatory reasons its future availability cannot be guaranteed. Please contact your local Siemens Healthineers organization for further details.

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