

Chapter 7 - Maintenance Inspections

Daily Inspections



WARNING:

- Removing covers and touching the inside of the equipment could result in electric shock or injury caused by touching the drive parts. Therefore, do not remove any covers that are secured in place with screws.
- This equipment is not waterproof. When cleaning this equipment or the room in which it is located, do not allow water or any other fluids to get inside the unit.
- In order to prevent exposure to X-rays, do not enter the room where the scanner gantry unit is located while scanning is in progress. If you must enter the room at that time, take sufficient precautions against exposure to X-rays, such as wearing protective clothing.

Inspections Before Starting Daily Work

1. Inspecting the operation panels.

Inspection: Inspect the operation of push buttons and indicators as well as abnormalities in appearance.

Treatment: If any abnormalities are found, contact Hitachi Medical Corporation or one of our certified dealers to schedule repair.

2. Inspecting the operating space of the equipment.

Inspection: Inspect for objects such as chairs and baskets that impede the operational range of the scanner gantry unit and table.

Treatment: Move all objects out of the operational range of the equipment.

3. Inspect the wiring.

Inspection: Inspect for disconnections, abnormal twisting, and bends in the wiring between devices.

Treatment: If any abnormalities are found, contact Hitachi Medical Corporation or one of our certified dealers to schedule repair.

Inspection After Daily Work

1. Inspecting the operation panels.

Inspection: Inspect the operation of push buttons and indicators for abnormalities in appearance and soiling.

Treatment: If any abnormalities are found, contact Hitachi Medical Corporation or one of our certified dealers to schedule repair. Clean any equipment that has become soiled. For more details, see *Cleaning the Equipment*.

2. Inspecting the scanner gantry unit and table.

Inspection: Inspect the equipment for abnormalities, such as scratches and dents, as well as soiling.

Treatment: If any abnormalities are found, contact Hitachi Medical Corporation or one of our certified dealers to schedule repair. Clean any equipment that has become soiled. For more details, see *Cleaning the Equipment*.

Cleaning the Equipment



CAUTION:

- While cleaning the equipment, make sure that no liquids get inside. Be particularly careful to avoid allowing fluids to enter the gaps between the keys and operation buttons on the keyboard and operation panel.
 - Do not use thinner, benzene, or other solvents when cleaning. Doing so could damage the paint/coating.
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Cleaning the Operator Console

To clean the Operator Console, dampen a soft cloth with a neutral detergent and gently wipe the areas that have become soiled.

Cleaning the scanner gantry unit and table.

To clean the scanner gantry unit and table, dampen a soft cloth with a neutral detergent and wipe the areas that have become soiled.

When cleaning blood and other bodily fluids or waste from the scanner gantry unit or table, be sure to wear disposable gloves and use ethanol to disinfect and sterilize the surfaces.

Areas 1 through 4 on the following figure indicate locations that are easily soiled. Be sure to inspect these areas and keep them clean.

1. Front cover and opening of the scanner gantry unit.
2. Surface of the tabletop and mat.
3. Table cover.
4. Cover underneath the tabletop (Inspect by moving the tabletop to its farthest point inward)

