



***X-Ray***

Disinfection Guide  
for Radiographic System



Part of the COVID-19  
Support Package

## 10.5 Checking the Vertical Bucky Stand

- (1) Checks before turning OFF the power

Set the height of the radiographic unit to the appropriate position for subsequent use.

- (2) Checks after turning OFF the power

- (a) Remove the image receptor (used or unused) from the cassette tray.
- (b) Be sure to insert the cassette tray into the radiographic unit.
- (c) Confirm that there is no damage such as cracks in the Bucky stand support column section or radiographic unit.
- (d) Confirm that the cables are not damaged or excessively bent.

## 10.6 Cleaning

If cleaning is to be performed by cleaning staff, be sure that they are aware of the warnings and precautions below.

After operating the system, clean the system and the units used in combination. According to the Spaulding classification, this system is a Non-Critical medical device. It is not intended to be used in direct contact with a patient, and therefore does not require disinfection or sterilization.

Sections that can be cleaned

Tabletop, X-ray beam limiting device, radiographic unit of the vertical Bucky stand, and the areas surrounding them

<p><b>⚠WARNING:</b></p> <ol style="list-style-type: none"><li>1. If disinfection is required due to the presence of blood etc., be sure to perform thorough disinfection referring to subsection 10.7 "Disinfection".</li><li>2. Turn OFF the power supply of the unit before cleaning. If the power is ON, malfunction or an accident may occur.  If liquids such as water or detergent enter the unit, there is a danger of electric shock.</li><li>3. Do not pour or spray liquids such as water or detergent on the unit. If liquid enters the unit, a malfunction or an accident may occur.</li><li>4. Do not pour liquids such as water or detergent on the floor. If liquid enters the cable pit, a malfunction or an accident may occur.</li><li>5. To prevent infection, always wear new protective gloves when performing cleaning and disinfection.</li><li>6. Clean and disinfect the system using the specified medical agents according to the procedures specified in this manual. Otherwise, the system may be cleaned or disinfected inadequately or may malfunction.</li></ol>
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**⚠WARNING:** 7. Canon Medical Systems cannot guarantee the effectiveness of the specified medical agents for cleaning and disinfection. For questions concerning these products, please contact the manufacturer.

*NOTICE:* 1. Do not clean the unit with organic solvents (such as paint thinner) or abrasive cleansers, because they may cause damage or discoloration.

2. Performing cleaning or disinfection repeatedly may gradually lead to deterioration in system performance. Do not clean or disinfect the system more than is required for preventing infection.

(1) Cleaning the system

Wipe off stains with a soft cloth moistened with mild detergent.

- Dilute the mild detergent to the concentration specified by the manufacturer.
- Moisten a soft cloth with the diluted detergent, and then wring the cloth out firmly so that the detergent does not drip from the cloth.
- Wipe off the stains, then wipe the system again using a dry soft cloth.

(2) Cleaning of the room

Remove dust from the room using a vacuum cleaner. When scrubbing the floor, use a tightly wrung-out mop or cloth so that water does not drip.

(3) Cleaning the tabletop mat cover

Turn the cover inside out and clean it. Observe the following precautions.

- When the cover is washed, the water temperature used for washing should be 95°C or less.
- The cover should not be chlorine-bleached, dry cleaned, or ironed.
- When the cover is dried in a dryer, the temperature should be set to low.
- The tabletop mat cannot be washed. Clean it according to the procedure in step (1) "Cleaning the system".

## 10.7 Disinfection

Ensure that appropriate procedures are followed to disinfect the system, accessories, and units used in combination according to instructions from personnel with expertise in disinfection.

According to the Spaulding classification, this system is a Non-Critical medical device. It is not intended to be used in direct contact with a patient, and therefore does not require disinfection or sterilization.

However, it is possible to disinfect parts of the system such as the covers. If there is blood or other organic substances on parts such as covers, disinfect the part appropriately according to the procedures described in this subsection.

Sections that can be disinfected

Tabletop, X-ray beam limiting device, radiographic unit of the vertical Bucky stand, and the areas surrounding them

- ⚠WARNING:**
- 1. Observe the precaution below to prevent infection.**
    - If blood etc. has been spilled on the system, perform thorough disinfection.**
  - 2. Do not pour or spray disinfectant on the unit. If disinfectant enters the unit, a malfunction or an accident may occur.**
  - 3. Be sure to turn OFF the power supply of the unit before disinfection. If power is supplied, an accident may occur due to unexpected operation of the unit when the operating switches are touched. If flammable gases or liquids enter the unit, a fire, explosion, or electric shock may occur.**
  - 4. After disinfection, ventilate the room thoroughly before turning ON the power supply. If any flammable gas remains in the room, there is a danger of fire or explosion when the power supply is turned ON.**
  - 5. To prevent infection, always wear new protective gloves when performing cleaning and disinfection.**
  - 6. Clean and disinfect the system using the specified medical agents according to the procedures specified in this manual. Otherwise, the system may be cleaned or disinfected inadequately or may malfunction.**
  - 7. Canon Medical Systems cannot guarantee the effectiveness of the specified medical agents for cleaning and disinfection. For questions concerning these products, please contact the manufacturer.**

**NOTICE:**

1. Do not use the disinfectants listed below. They will damage the system. The performance and safety of the unit cannot be guaranteed if it has been damaged by use of an unsuitable disinfectant.
  - Disinfectants that are excessively corrosive to metal or rubber, such as chlorine-based disinfectants.
  - Disinfectants that warn against use on metal, plastic, rubber, or coatings.
  - Disinfectants that may enter the unit, such as formalin gas or spray-type agents.
2. Disinfect the equipment only when necessary. Performing disinfection repeatedly for a long period may result in cracking of the surface finish or discoloration or damage to rubber or plastic parts. If the equipment appears to have been harmed by a disinfectant, immediately stop using the equipment and contact your Canon Medical Systems representative for repair.

(1) Disinfectants

The disinfectants listed below can be used on this system. Read the handling instructions for the chosen disinfectant, and fully understand the precautions required and its characteristics before using it.

Disinfectant	Concentration rate
Glutaraldehyde	2.0%
Ethanol for disinfection	76.9% to 81.4%
Benzalkonium chloride	0.2%

(Do not use these disinfectants on the control panel, covers, or other parts made of synthetic rubber or synthetic resin.)

(2) Disinfection procedures

Wipe off the surface of the system with a cloth moistened with the disinfectant and tightly wrung out. Be careful not to allow disinfectant to enter the system.

(3) Drying

After disinfection, wipe the system with a dry soft cloth or let the system dry naturally.

## 10.8 Sterilization

This system cannot be sterilized. If sterilization is required, use a sterile cap or sheet.