

# DR Cleaning Guide

**EXPERIENCE**  
A New Healthcare  
Solution

**SAMSUNG**

## Care and Handling – Appearance & cover Cleaning Guide (X-ray system)

### ◆ Warning

- Wear a face mask and gloves when cleaning or disinfecting the product.
- Turn off the product and unplug the power cord before cleaning or disinfecting the product.  
If not, it can cause an electric shock or a fire.
- Do not clean any electrical connectors.

### ◆ Caution

- Use only cleaning agents and disinfectants included in the list.
- ※ Use of detergents and disinfectants not included in the list may cause discoloration or appearance problems.
- Follow the disinfectant manufacturer's instructions for using the disinfectant.
- Do not spray directly on the product but use a cloth or tissue.
- Rub the product carefully with a soft cloth when using a disinfectant
- If any liquid remains on the product surface after disinfection, wipe it off with a dry cloth.



[No direct spray on products]



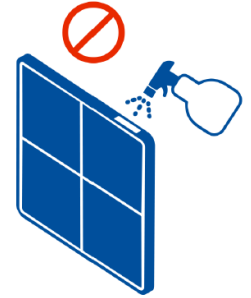
[Wash after spraying in cloth or tissue]



## Care and Handling – Detector Cleaning Guide (Gen1 Detector)

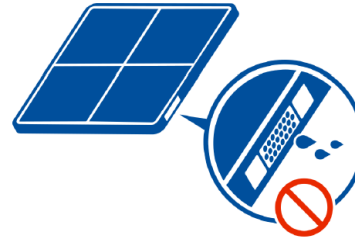
### ◆ Cleaning

- Always turn off the equipment completely before cleaning
- Do not insert liquids into the system
- When cleaning the exterior of the system, use a soft cleaning cloth dampened with tepid Water and soap



### ◆ Liquid intrusion

- Do not spill liquid or chemicals onto the instrument or, in cases where the patient is injured, do not allow it to become wet with blood or other body fluids, as doing so may result in fire or electric shock. In such situation, protect the instrument with disposable covering as necessary



## Care and Handling – Detector Cleaning Guide (Gen2 Detector)

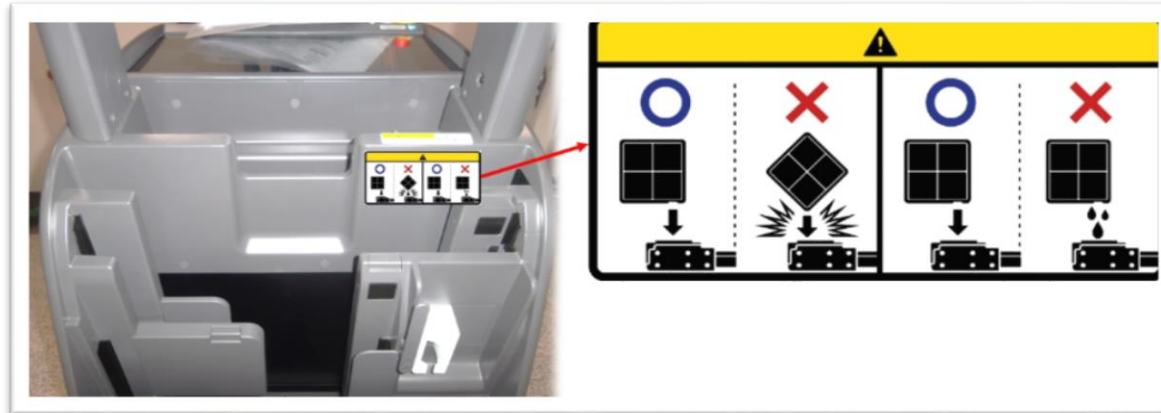
- ◆ Gen2 Detector
  - Recommended using a commercial plastic brush when cleaning non-slip pads
  - If need, non-slip pad can be exchanged or detached



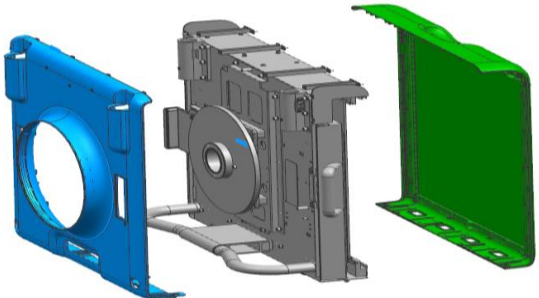
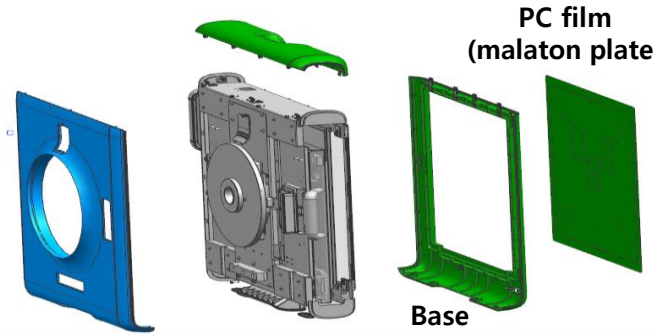
## Care and Handling – Detector storage guide

### ◆ Detector storage

- Detector has to be equipped properly
- If you equip the detector in the storage rear for charging or moving with too much force or diagonally, pogo pin on the main cable connector may get damaged.
- There shouldn't be any moisture on the detector connector before equipping detector
- If you equip the detector on the storage rear before completely removing moisture after cleansing , the moisture may get on the main cable connector, resulting in the damage of pogo pin



## Appendix-1 GC85A, GC80 Stand cover comparison

Model		GC85A	GC80
Materials	Front cover	NH-1017SG(Lotte) → CX2244ME(Sabic, '18. 8 ~)	VE-0812(Lotte) Longhua PC film
	Back cover	VE-0812(Lotte) →CX2244ME(Sabic, '18. 8 ~)	VE-0812(Lotte)
Cover Structure		 <p style="text-align: center;">Rear cover      Receptor      Front cover</p>	 <p style="text-align: center;">Rear cover      Receptor      Base      Front cover</p> <p style="text-align: right;">PC film (malaton plate)</p>
Comparison Description		<p>GC80 : ABS plastic is used. The outer part and the center part of the cover are separated. Melaton Plate is attached to the center.</p> <p>GC85A : PC + ABS plastic which has superior X-ray permeability and chemical resistance than ABS material is used. And the structure is unibody.</p>	

## Appendix-2 Recommended Cleaner & Disinfectant list for Digital X-ray system

Product	Classification	Name	Disinfectant Level	Type	Manufacture	Active Ingredient
Digital X-Ray Systems (GC85A, GM85, GC80, GC70)	Cleaner	ED Wipes	Cleaner	Wipe	MH healthcare	Quaternary ammonium(N-Alkyl)
	Cleaner	SaFecide + (Sensitive)	Cleaner	Wipe	Liebecos	NA
	Cleaner	Detol	Cleaner	Foam	Reckitt Benckiser	Quaternary ammonium(N-Alkyl)
	Disinfectants	Sani-Cloth HB	Low	Wipe	PDI	Quaternary Ammonium(N-Alkyl)
	Disinfectants	Cleanisept Wipes MAXI	Low	Wipe	Dr.Schumacher GmbH	Quaternary Ammonium(N-Alkyl)
	Disinfectants	Sani-cloth bleach	Low	Wipe	PDI	Sodium Hypochlorite
	Disinfectants	CLOROX Bleach Germicidal	Low	Wipe	The Chlorox Company	Sodium Hypochlorite
	Disinfectants	T-spray	Low	Spray	Pharmaceutical Innovations, Inc.	Quaternary Ammonium(N-Alkyl)
	Disinfectants	Sono Ultrasound Wipes	Low	Wipe	Advanced Ultrasound Solutions Inc.	Quaternary Ammonium(N-Alkyl)
	Disinfectants	Protex Ultra	Low	Wipe	Parker Laboratory Inc.	Quaternary Ammonium(N-Alkyl)
	Disinfectants	Wip Anios Excel	Low	Wipe	Laboratoires Anios	Quaternary Ammonium(N-Alkyl)
	Disinfectants	ANIOS Surfa'Safe	Low	Wipe	ANIOS	Quaternary Ammonium(N-Alkyl)
	Disinfectants	Enzysept PLUS Wipes	Low	Wipe	Wool C&Tech	Quaternary Ammonium(N-Alkyl)
	Disinfectants	ANIOSURF Premium NPC	Low	Liquid	ANIOS	Quaternary Ammonium(N-Alkyl)
	Disinfectants	Sani Cloth Active wipes	Low	Wipe	PDI	Quaternary Ammonium(N-Alkyl)
	Disinfectants	Sani Cloth Universal wipes	Low	Wipe	PDI	Quaternary Ammonium(N-Alkyl)
	Disinfectants	ALI-FLEX RTU	Low	Liquid	Lalema	Sodium hypochlorite
	Disinfectants	Ecolab Actichlor Tablets	Low	Tablet	Ecolab	Troclosene sodium
	Disinfectants	Tristel duo	High	Foam	Tristel Solutions Limited	Chlorine dioxide
	Disinfectants	Sporox	High	Solution	DSHealthcare Inc.	Hydrogen peroxide
	Disinfectants	Metricide-OPA	High	Solution	Metrex	Ortho-phthalaldehyde
	Disinfectants	Perasafe	High	Powder	LANXESS Deutschland GmbH	Citric acid
	Disinfectants	Incidin OxyWipes	High	Wipe	ECOLAB	Hydrogen peroxide
Disinfectants	Tristel Sporicidal Wipe	High	Foam	Tristel Solutions Limited	Chlorine dioxide	
Disinfectants	Sodium hypochlorite	High	Liquid	Yuhan Chlorox	Hypochlorous acid	
Disinfectants	Accel PREvention Wipes	High	Wipe	Diversey Canada, Inc.	Hydrogen peroxide	
Disinfectants	Virkon S	High	Powder	LANXESS	Pentapotassium, Succinic acid	

## Appendix-3 Recommended Cleaner &amp; Disinfectant list for S-Detector™

Product	Classification	Name	Disinfectant Level	Type	Manufacture	Active Ingredient
S-Detector™ (S4343-W, S4335-W, S3025-W) & AccE Detector (S4335-AW, S4343-AW)	Cleaner	ED Wipes	Cleaner	Wipe	MH healthcare	Quaternary ammonium(N-Alkyl)
	Cleaner	SaFecide + (Sensitive)	Cleaner	Wipe	Liebecos	N/A
	Cleaner	CN'F	Cleaner	Liquid	CARROLLASIA Co.,LTD	Alcohol
	Cleaner	Detol	Cleaner	Foam	Reckitt Benckiser	Quaternary ammonium(N-Alkyl)
	Disinfectants	Sani-Cloth HB	Low	Wipe	PDI	Quaternary Ammonium(N-Alkyl)
	Disinfectants	Cleanisept Wipes MAXI	Low	Wipe	Dr.Schumacher GmbH	Quaternary Ammonium(N-Alkyl)
	Disinfectants	Sani-cloth bleach	Low	Wipe	PDI	Sodium Hypochlorite
	Disinfectants	Clinell Universal Wipes	Low	Wipe	GAMA Healthcare Ltd	Quaternary Ammonium(N-Alkyl)
	Disinfectants	T-spray	Low	Spray	Pharmaceutical Innovations, Inc.	Quaternary Ammonium(N-Alkyl)
	Disinfectants	Cleanisept wipe forte	Low	Wipe	Dr.Schumacher GmbH	Quaternary Ammonium(N-Alkyl)
	Disinfectants	Sono Ultrasound Wipes	Low	Wipe	Advanced Ultrasound Solutions Inc.	Quaternary Ammonium(N-Alkyl)
	Disinfectants	Protex Ultra	Low	Wipe	Parker Laboratory Inc.	Quaternary Ammonium(N-Alkyl)
	Disinfectants	ANIOS Surfa'Safe	Low	Wipe	ANIOS	Quaternary Ammonium(N-Alkyl)
	Disinfectants	Mikrobac Tissues	Low	Wipe	BODE Chemie GmbH (HARTMANN)	Quaternary Ammonium(N-Alkyl)
	Disinfectants	Enzysept PLUS Wipes	Low	Wipe	Wooil C&Tech	Quaternary Ammonium(N-Alkyl)
	Disinfectants	ANIOSURF Premium NPC	Low	Liquid	ANIOS	Quaternary Ammonium(N-Alkyl)
	Disinfectants	Cleanisept Wipes	Low	Wipe	Dr.Schumacher GmbH	Quaternary Ammonium(N-Alkyl)
	Disinfectants	ALI-FLEX RTU	Low	Liquid	Lalema	Sodium hypochlorite
	Disinfectants	Azomax	Low	Wipe	Vernacare	5-chloro-2-methyl-2h-isothiazol-3-one
	Disinfectants	Ecolab Actichlor Tablets	Low	Tablet	Ecolab	Troclosene sodium
	Disinfectants	Tristel duo	High	Foam	Tristel Solutions Limited	Chlorine dioxide
	Disinfectants	Sporox	High	Solution	DSHealthcare Inc.	Hydrogen peroxide
	Disinfectants	Metricide-OPA	High	Solution	Metrex	Ortho-phthalaldehyde
	Disinfectants	Perasafe	High	Powder	LANXESS Deutschland GmbH	Citric acid
	Disinfectants	Anioxyde 1000	High	Solution	Laboratoires Anios	Peracetic acid
	Disinfectants	Distel Disinfectant Wipes	High	Wipe	Tristel	Polymeric Biguanide Hydrochloride
Disinfectants	Lysoform	High	Liquid	Lysoform	Formaldehyde	
Disinfectants	Incidin OxyWipes	High	Wipe	ECOLAB	Hydrogen peroxide	
Disinfectants	Tristel Sporidical Wipe	High	Foam	Tristel Solutions Limited	Chlorine dioxide	
Disinfectants	Sodium hypochlorite	High	Liquid	Yuhan Chlorox	Hypochlorous acid	
Disinfectants	Accel PREvention Wipes	High	Wipe	Diversey Canada, Inc.	Hydrogen peroxide	
Disinfectants	Virkon S	High	Powder	LANXESS	Pentapotassium, Succinic acid	