

6.1.3 Disinfection of the DR Detector

IMPORTANT

- Bleach and hypochlorite are corrosive, so wash the bleach off well to avoid corrosion.
 - Be careful not to apply any chemical for disinfection onto the wired connection connectors and the LEDs.
 - If you directly apply or spray chemical for disinfection on the DR Detector, the solution will enter the instrument through exterior gaps, causing a failure.
 - Please note that if you use other chemical than instructed, it may affect the quality, performance, and safety of the DR Detector.
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- If bodily fluid or blood from a patient has contaminated the surface of the DR Detector, disinfect with a soft lint-free cloth dampened with a small quantity of the following disinfectant and wrung well.
 - Ethanol for disinfection
 - Isopropanol for disinfection
 - Commercial chlorine bleach, or 1 % hypochlorite (5-fold dilution of household bleach)

6.1.4 Consumables

IMPORTANT

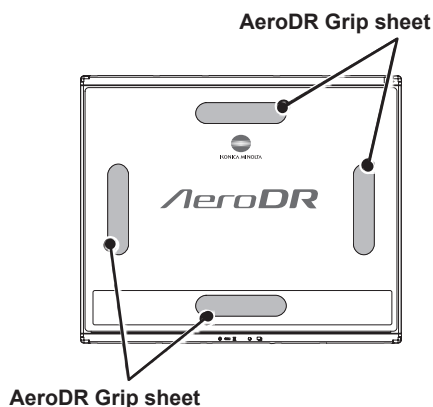
- Refer to each device's manual for information about periodic replacement parts and consumables for the image processing controller, etc.
 - In particular, continued use of the battery may result in degradation and wear, and it may no longer exhibit proper functioning capabilities. For extended, safe use, it is necessary to replace parts which have become worn or degraded.
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6.1.5 AeroDR Grip sheet affixing and replacement

Application locations

IMPORTANT

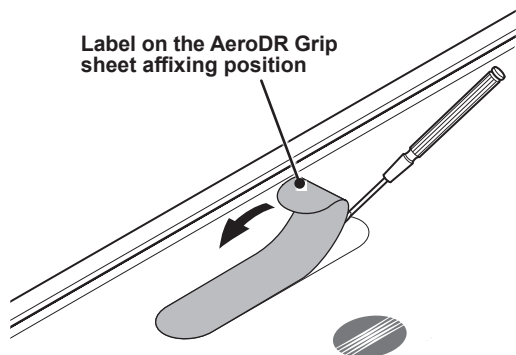
- When using a tool to affix the AeroDR Grip sheet or perform replacement, be careful not to get injured by a tip or edge of the tool.
 - For AeroDR Grip sheet affixing or replacement, it is recommended to ask Konica Minolta technical representative.
 - The AeroDR 1012HQ and AeroDR 3 Detector do not use the AeroDR Grip sheet.
 - Be careful not to scratch the DR Detector.
 - Be sure to peel off the label or used AeroDR Grip sheet because it may come off.
 - After removing the label or used AeroDR Grip sheet, clean off any adhesive residue on the surface using a soft cloth moistened with anhydrous ethanol.
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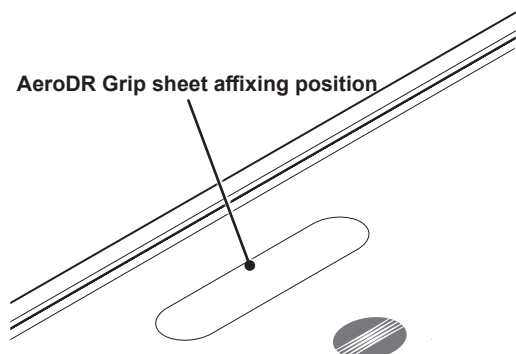
Installation procedure

1 Remove the label from the AeroDR Grip sheet affixing position.

- Insert a precision flat-blade screwdriver, etc. into the step at the AeroDR Grip sheet affixing position to slightly turn the label over, and then remove it completely.

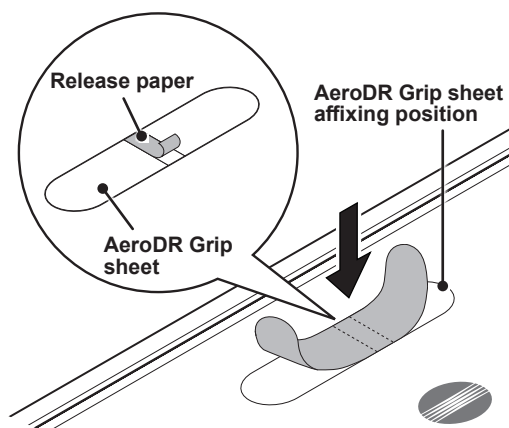


2 Remove dust and contamination from the AeroDR Grip sheet affixing position.



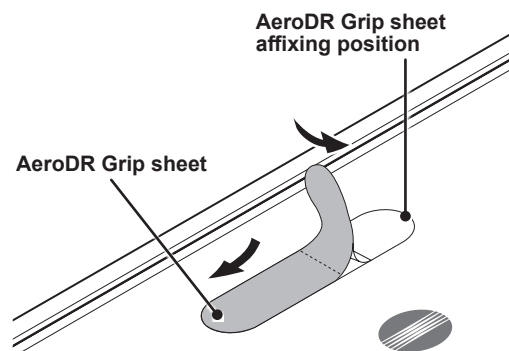
3 Peel off the center piece of the release paper from the AeroDR Grip sheet, and temporarily affix the sheet to the required position on the DR Detector.

- Place the AeroDR Grip sheet in the correct position so that it does not overlap the DR Detector label.



4 Peel off the left and right pieces of the release paper from the AeroDR Grip sheet and affix the sheet to the required position on the DR Detector.

- Affix the sheet slowly from the center to the right and left sides to attach it tightly to the DR Detector.
- Confirm that the AeroDR Grip sheet has been securely placed.



5 Repeat the same steps to affix the other three sheets.

Chapter 7

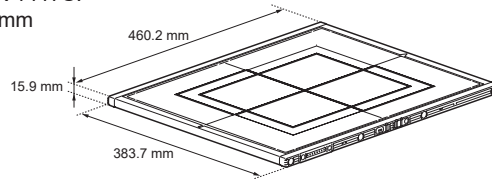
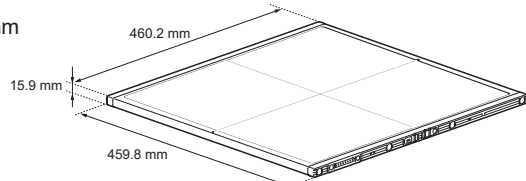
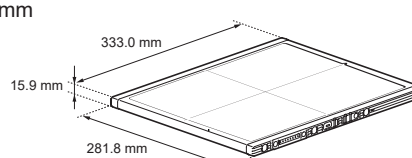
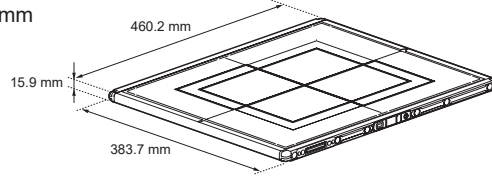
Specifications

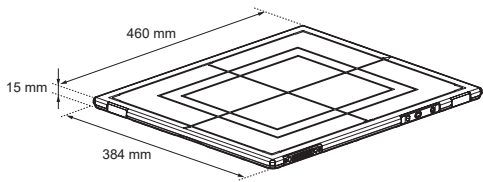
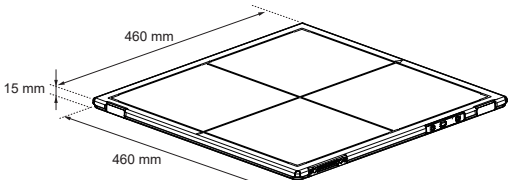
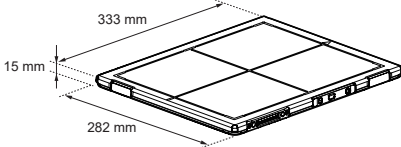
7.1 Specifications

IMPORTANT

- The following specifications described below are nominal values which may be different from actual values and may vary depending on environment and frequency of use. (These are not to provide any guarantees.)
- All specification regarding battery is for a fully-charged battery.

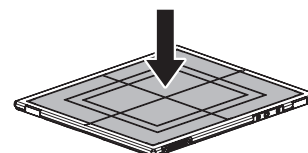
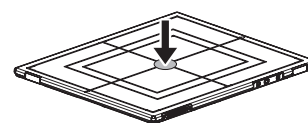
7.1.1 DR Detector

Item	Description
Product name (model name)	AeroDR 1417HQ (AeroDR P-11) AeroDR 1417S (AeroDR P-12) AeroDR 1717HQ (AeroDR P-21) AeroDR 1012HQ (AeroDR P-31) AeroDR 2 1417HQ (AeroDR P-51) AeroDR 2 1417S (AeroDR P-52) P-61 (P-61) P-71 (P-71) P-81 (P-81) P-65 (P-65) P-75 (P-75) P-85 (P-85) P-82 (P-82) P-95 (P-95) P-53 (P-53)
Detection method	Indirect conversion method
Scintillator	CsI (Cesium Iodide)
External dimensions	AeroDR 1417HQ and AeroDR 1417S: 383.7(W)×460.2(D)×15.9(H) mm  AeroDR 1717HQ: 459.8(W)×460.2(D)×15.9(H) mm  AeroDR 1012HQ: 281.8(W)×333.0(D)×15.9(H) mm  AeroDR 2 1417HQ and AeroDR 2 1417S: 383.7(W)×460.2(D)×15.9(H) mm 

Item	Description
External dimensions	AeroDR 3 1417HD, AeroDR 3 1417HD2, AeroDR 3 1417HL, AeroDR 3 1417SL, AeroDR 3 1417S: 384(W)×460(D)×15(H) mm 
	AeroDR 3 1717HD, AeroDR 3 1717HD2, AeroDR 3 1717HL: 460(W)×460(D)×15(H) mm 
	AeroDR 3 1012HQ: 282(W)×333(D)×15(H) mm 
Weight	AeroDR 1417HQ : 2.9 kg AeroDR 1417S : 2.8 kg AeroDR 1717HQ : 3.6 kg AeroDR 1012HQ : 1.7 kg AeroDR 2 1417HQ : 2.6 kg AeroDR 2 1417S : 2.5 kg AeroDR 3 1417HD : 2.6 kg AeroDR 3 1717HD : 3.2 kg AeroDR 3 1012HQ : 1.5 kg AeroDR 3 1417HD2 : 2.6 kg AeroDR 3 1717HD2 : 3.2 kg AeroDR 3 1417HL : 1.9 kg AeroDR 3 1417SL : 1.8 kg AeroDR 3 1717HL : 2.3 kg AeroDR 3 1417S : 2.5 kg
Pixel size	AeroDR 1417HQ : 175 um AeroDR 1417S : 175 um AeroDR 1717HQ : 175 um AeroDR 1012HQ : 175 um AeroDR 2 1417HQ : 175 um AeroDR 2 1417S : 175 um AeroDR 3 1417HD : 100 um/200 um AeroDR 3 1717HD : 100 um/200 um AeroDR 3 1012HQ : 100 um/200 um AeroDR 3 1417HD2 : 100 um/200 um AeroDR 3 1717HD2 : 100 um/200 um AeroDR 3 1417HL : 100 um/200 um AeroDR 3 1417SL : 100 um/200 um AeroDR 3 1717HL : 100 um/200 um AeroDR 3 1417S : 150 um

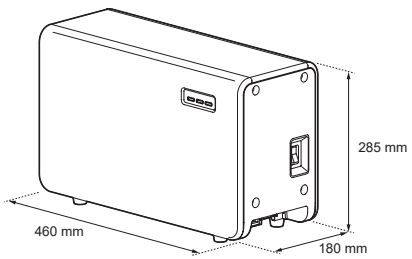
Specifications

Item	Description
Image area size	AeroDR 1417HQ : 348.95×425.25 mm (1,994×2,430 pixels) AeroDR 1417S : 348.95×425.25 mm (1,994×2,430 pixels) AeroDR 1717HQ : 424.9×424.9 mm (2,428×2,428 pixels) AeroDR 1012HQ : 245.7×296.8 mm (1,404×1,696 pixels) AeroDR 2 1417HQ : 348.95×425.25 mm (1,994×2,430 pixels) AeroDR 2 1417S : 348.95×425.25 mm (1,994×2,430 pixels) AeroDR 3 1417HD : 348.8×425.6 mm (3,488×4,256 pixels) AeroDR 3 1717HD : 424.8×424.8 mm (4,248×4,248 pixels) AeroDR 3 1012HQ : 245.6×296.8 mm (2,456×2,968 pixels) AeroDR 3 1417HD2 : 348.8×425.6 mm (3,488×4,256 pixels) AeroDR 3 1717HD2 : 424.8×424.8 mm (4,248×4,248 pixels) AeroDR 3 1417HL : 348.8×425.6 mm (3,488×4,256 pixels) AeroDR 3 1417SL : 348.8×425.6 mm (3,488×4,256 pixels) AeroDR 3 1717HL : 424.8×424.8 mm (4,248×4,248 pixels) AeroDR 3 1417S : 345.6×420.0 mm (2,304×2,800 pixels)
AD conversion	16 bit (65,536 gradients)
Maximum patient weight	Point load: AeroDR 1417HQ : 150 kg@Φ40 mm AeroDR 1417S : 150 kg@Φ40 mm AeroDR 1717HQ : 150 kg@Φ40 mm AeroDR 1012HQ : 150 kg@Φ40 mm AeroDR 2 1417HQ : 150 kg@Φ40 mm AeroDR 2 1417S : 150 kg@Φ40 mm AeroDR 3 1417HD : 180 kg@Φ40 mm AeroDR 3 1717HD : 180 kg@Φ40 mm AeroDR 3 1012HQ : 180 kg@Φ40 mm AeroDR 3 1417HD2 : 180 kg@Φ40 mm AeroDR 3 1717HD2 : 180 kg@Φ40 mm AeroDR 3 1417HL : 100 kg@Φ80 mm AeroDR 3 1417SL : 100 kg@Φ80 mm AeroDR 3 1717HL : 100 kg@Φ80 mm AeroDR 3 1417S : 100 kg@Φ80 mm Face load: AeroDR 1417HQ : 300 kg@effective image area overall AeroDR 1417S : 300 kg@effective image area overall AeroDR 1717HQ : 300 kg@effective image area overall AeroDR 1012HQ : 300 kg@effective image area overall AeroDR 2 1417HQ : 300 kg@effective image area overall AeroDR 2 1417S : 300 kg@effective image area overall AeroDR 3 1417HD : 400 kg@effective image area overall AeroDR 3 1717HD : 400 kg@effective image area overall AeroDR 3 1012HQ : 400 kg@effective image area overall AeroDR 3 1417HD2 : 400 kg@effective image area overall AeroDR 3 1717HD2 : 400 kg@effective image area overall AeroDR 3 1417HL : 400 kg@effective image area overall AeroDR 3 1417SL : 400 kg@effective image area overall AeroDR 3 1717HL : 400 kg@effective image area overall AeroDR 3 1417S : 400 kg@effective image area overall * Deadweight, even when loaded on the DR Detector, has no effect on images and the DR Detector. The measurement method is based on KM standards.
Communication	AeroDR 1417HQ, AeroDR 1417S, AeroDR 1717HQ and AeroDR 1012HQ: Dedicated wired Ethernet connection / wireless LAN (IEEE802.11a compliant) AeroDR 2 1417HQ, AeroDR 2 1417S, AeroDR 3 1417HD, AeroDR 3 1717HD, AeroDR 3 1012HQ, AeroDR 3 1417HD2, AeroDR 3 1717HD2, AeroDR 3 1417HL, AeroDR 3 1417SL, AeroDR 3 1717HL and AeroDR 3 1417S: Dedicated wired Ethernet connection / wireless LAN (IEEE802.11a/n compliant)
Drive power	Dedicated power cable drive / battery drive
WLAN encryption	Wireless encryption method : AES
	Authentication method : WPA2-PSK
Patient doses	Patient doses are equivalent to 500-1000 speed film/screen systems.
Required time for wired/wireless switching	Less than 2 seconds
Battery type	Lithium ion capacitor

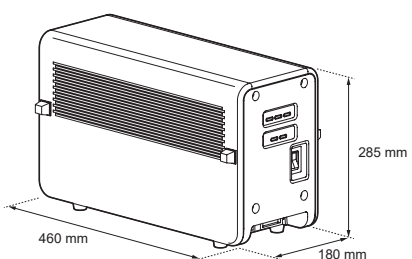


Item	Description
Number of exposable images	AeroDR 1417HQ : 211 images/5.8 hours AeroDR 1417S : 211 images/5.8 hours AeroDR 1717HQ : 189 images/5.2 hours AeroDR 1012HQ : 146 images/4.0 hours AeroDR 2 1417HQ : 300 images/8.2 hours AeroDR 2 1417S : 150 images/4.1 hours AeroDR 3 1417HD : 100 [um] 251 images/6.9 hours 200 [um] 309 images/8.6 hours AeroDR 3 1717HD : 100 [um] 217 images/6.0 hours 200 [um] 276 images/7.6 hours AeroDR 3 1012HQ : 100 [um] 145 images/3.9 hours 200 [um] 165 images/4.5 hours AeroDR 3 1417HD2 : 100 [um] 251 images/6.9 hours (when the wireless serial exposure setting is enabled: 81 images/2.2 hours) 200 [um] 309 images/8.6 hours (when the wireless serial exposure setting is enabled: 83 images/2.3 hours) AeroDR 3 1717HD2 : 100 [um] 217 images/6.0 hours (when the wireless serial exposure setting is enabled: 72 images/2.0 hours) 200 [um] 276 images/7.6 hours (when the wireless serial exposure setting is enabled: 75 images/2.0 hours) AeroDR 3 1417HL : 100 [um] 251 images/6.9 hours 200 [um] 309 images/8.6 hours AeroDR 3 1417SL : 100 [um] 124 images/3.4 hours 200 [um] 147 images/4.1 hours AeroDR 3 1717HL : 100 [um] 217 images/6.0 hours 200 [um] 276 images/7.6 hours AeroDR 3 1417S : 150 images/4.1 hours * Under conditions that the interval between studies is five minutes and three images are captured in each study, assuming 20 seconds for each exposure to position a patient (when connected to the CS-7).
Battery duration in standby status	AeroDR 1417HQ : Approx. 16 hours AeroDR 1417S : Approx. 16 hours AeroDR 1717HQ : Approx. 15 hours AeroDR 1012HQ : Approx. 7.6 hours AeroDR 2 1417HQ : Approx. 20 hours AeroDR 2 1417S : Approx. 10 hours AeroDR 3 1417HD : Approx. 13.2 hours AeroDR 3 1717HD : Approx. 12.2 hours AeroDR 3 1012HQ : Approx. 6.3 hours AeroDR 3 1417HD2 : Approx. 13.2 hours (when the wireless serial exposure setting is enabled: 2.4 hours) AeroDR 3 1717HD2 : Approx. 12.2 hours (when the wireless serial exposure setting is enabled: 2.2 hours) AeroDR 3 1417HL : Approx. 13.2 hours AeroDR 3 1417SL : Approx. 6 hours AeroDR 3 1717HL : Approx. 12.2 hours AeroDR 3 1417S : Approx. 6.2 hours
Battery expected lifetime	Above the DR Detector Service life
Serial exposure	Frame rate : 15 fps/6 fps Max. acquisition time : 15 fps: 20 seconds 6 fps: 40 seconds Max. number of acquisition : 15 fps: 300 6 fps: 240 Max. Exposure Window : 15 fps: 13 ms 6 fps: 28 ms Pixel size : AeroDR 3 1417HD :400 um AeroDR 3 1717HD :400 um AeroDR 3 1417HD2 :400 um AeroDR 3 1717HD2 :400 um

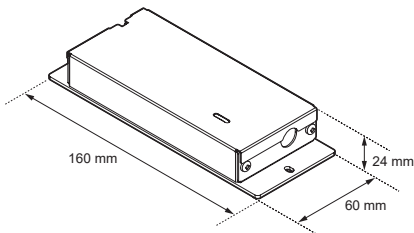
7.1.2 AeroDR Interface Unit

Item	Description
Product name (model name)	AeroDR Interface Unit (AeroDR B-1)
Amount of connectable DR Detectors	2
Power requirements	AC 100/110/120/200/220/240 V $\pm 10\%$, single phase, 50/60 Hz
Power consumption	With the DR Detector connected : Approx. 160 VA (100 V-240 V) Without the DR Detector connected : Approx. 33 VA (100 V-240 V)
External dimensions	460(W) $\times$ 180(D) $\times$ 285(H) mm 
Weight	11.5 kg

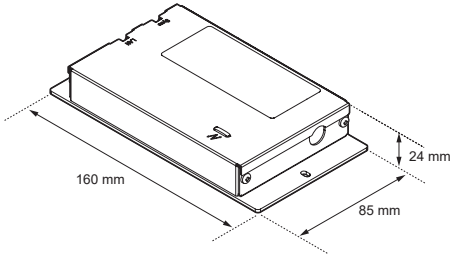
7.1.3 AeroDR Interface Unit2

Item	Description
Product name	AeroDR Interface Unit2
Amount of connectable DR Detectors	2
Power requirements	AC 100/110/120/200/220/240 V $\pm 10\%$, single phase, 50/60 Hz
Power consumption	With the DR Detector connected : Approx. 160 VA (100 V-240 V) Without the DR Detector connected : Approx. 33 VA (100 V-240 V)
External dimensions	460(W) $\times$ 180(D) $\times$ 285(H) mm 
Weight	12.5 kg

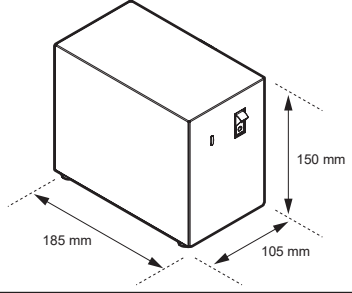
7.1.4 Detector Interface Unit

Item	Description
Product name (model name)	Detector Interface Unit (G-21)
Amount of connectable DR Detectors	1
Power requirements	When the AC adapter is used: Supplied from the DI Unit AC Adapter. When the Power Supply Unit is used: Supplied from the Power Supply Unit via the Ethernet cable.
Power supply when using the dedicated AC adapter	AC 100 V-240 V $\pm 10\%$, single phase, 50/60 Hz
Power consumption when using the dedicated AC adapter	2.62 A (With the DR Detector connected)
External dimensions	60(W) $\times$ 160(D) $\times$ 24(H) mm Without mounting brackets: 60(W) $\times$ 130(D) $\times$ 22(H) mm 
Weight	0.3 kg
The dedicated AC adapter specifications	Product Name : SWITCHING POWER SUPPLY (Model Number. SINPRO ELECTRONICS CO.,LTD. MPU64-108) Dimensions : 76 $\times$ 146 $\times$ 43 mm (excluding cable) Weight : 440 g INPUT : AC100 V-240 V 1.62 A-0.72 A 47 Hz-63 Hz OUTPUT : DC24 V max.2.62 A Safety : IEC60601-1 Class I

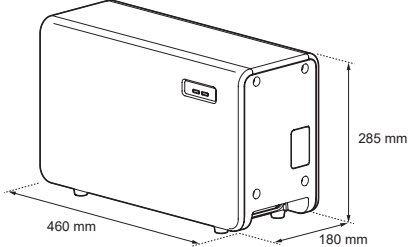
7.1.5 Detector Interface Unit 2

Item	Description
Product name (model name)	Detector Interface Unit 2 (G-52)
Amount of connectable DR Detectors	1
Power requirements	Supplied from the Power Supply Unit via the Ethernet cable.
Power consumption	42.3 W (max) When charging DR Detector
External dimensions	85(W) $\times$ 160(D) $\times$ 24(H) mm (Excluding lugs) Without mounting brackets: 85(W) $\times$ 130(D) $\times$ 22(H) mm 
Weight	500 g

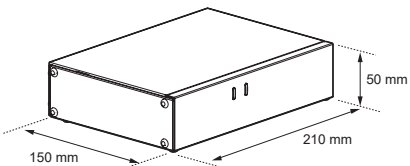
7.1.6 Power Supply Unit

Item	Description
Product name (model name)	Power Supply Unit (G-11)
Power requirements	AC 100 V-240 V $\pm$ 10 %, single phase, 50/60 Hz
Power consumption	Approx. 263.09 VA
Amount of LAN port	3
External dimensions	105(W)$\times$185(D)$\times$150(H) mm 
Weight	2 kg

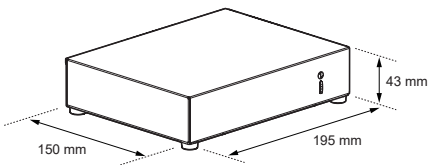
7.1.7 AeroDR Generator Interface Unit

Item	Description
Product name (model name)	AeroDR Generator Interface Unit (AeroDR X-1)
Power supply	Supplied from the AeroDR Interface Unit via the Ethernet cable.
External dimensions	460(W)$\times$180(D)$\times$285(H) mm 
Weight	7.3 kg

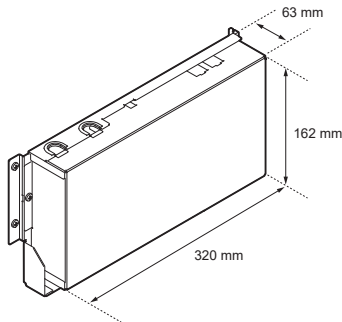
7.1.8 AeroDR Generator Interface Unit2

Item	Description
Product name (model name)	AeroDR Generator Interface Unit2 (AeroDR Generator Interface Unit2)
Power requirements	When the AC adapter is used: Supplied from the dedicated AC adapter. When the AeroDR Interface Unit is used: Supplied from the AeroDR Interface Unit via the Ethernet cable. When the Power Supply Unit is used: Supplied from the Power Supply Unit via the Ethernet cable.
Power supply when using the dedicated AC adapter	AC 100 V-240 V $\pm 10\%$, single phase, 50/60 Hz
Power consumption when using the dedicated AC adapter	72 VA (100 V-240 V)
External dimensions	210(W) $\times$ 150(D) $\times$ 50(H) mm 
Weight	0.9 kg
The dedicated AC adapter specifications	Product Name : AC Power Adapter (Model Number. Power-Win Technology Corp. PW-M015A-1Y050KZ) Dimensions : 78 $\times$ 50 $\times$ 35 mm (excluding wall mount & cable) Weight : 130 g INPUT : AC 100 V-240 V 0.6 A-0.3 A 50 Hz-60 Hz OUTPUT : DC 5 V 3 A Safety : IEC60601-1 Class II

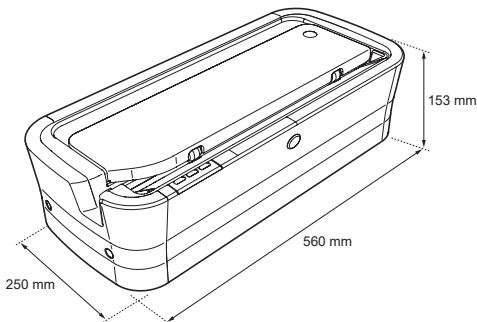
7.1.9 Generator Interface Unit 3

Item	Description
Product name (model name)	Generator Interface Unit 3 (G-51)
Power requirements	When the AC adapter is used: Supplied from the dedicated AC adapter. When the Power Supply Unit is used: Supplied from the Power Supply Unit via the Ethernet cable.
Power supply when using the dedicated AC adapter	AC 100 V-240 V $\pm 10\%$, single phase, 50/60 Hz
Power consumption when using the dedicated AC adapter	72 VA (100 V-240 V)
External dimensions	195(W) $\times$ 150(D) $\times$ 43(H) mm 
Weight	1.0 kg
The dedicated AC adapter specifications	Product Name : AC Power Adapter (Model Number. Power-Win Technology Corp. PW-M015A-1Y050KZ) Dimensions : 78 $\times$ 50 $\times$ 35 mm (excluding wall mount & cable) Weight : 180 g INPUT : AC 100 V-240 V 0.6 A-0.3 A 50 Hz-60 Hz OUTPUT : DC 5 V 3 A Safety : IEC60601-1 Class II

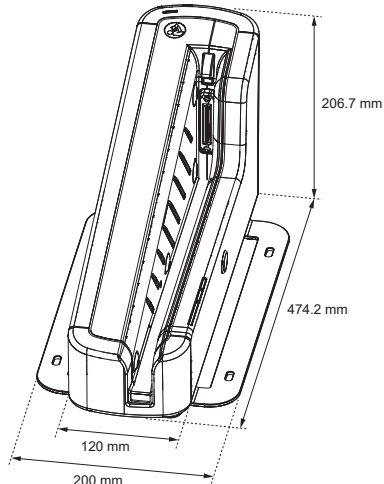
7.1.10 GIU SZ

Item	Description
Product name (model name)	GIU SZ (G-59)
Power requirements	Supplied from the dedicated AC adapter.
Power supply when using the dedicated AC adapter	AC 100 V-240 V $\pm 10\%$, single phase, 50/60 Hz
Power consumption when using the dedicated AC adapter	40 W (max) When charging DR Detector
External dimensions	320(W) $\times$ 63(L) $\times$ 162(H) mm (Excluding lugs) 
Weight	1.5 kg
The dedicated AC adapter specifications	Product Name : SWITCHING POWER SUPPLY (Model Number. SINPRO ELECTRONICS CO.,LTD. MPU64-108) Dimensions : 76 $\times$ 146 $\times$ 43 mm (excluding cable) Weight : 440 g INPUT : AC100 V-240 V 1.62 A-0.72 A 47 Hz-63 Hz OUTPUT : DC24 V max.2.62 A Safety : IEC60601-1 Class I

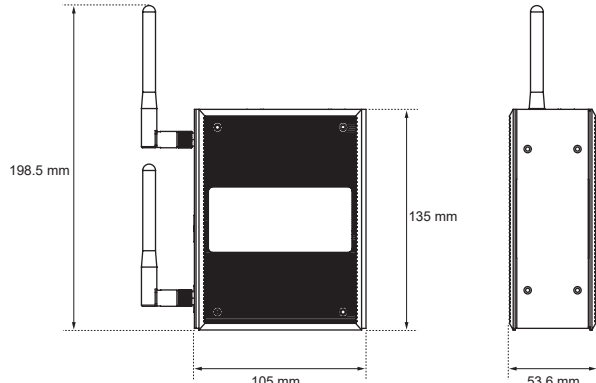
7.1.11 AeroDR Battery Charger

Item	Description
Product name (model name)	AeroDR Battery Charger (AeroDR D-1)
Battery charging system	Automatic charging
Power requirements	AC 100 V-240 V $\pm 10\%$, single phase, 50/60 Hz
Power consumption	Charging : Approx. 180 VA (100 V-240 V) Standby : Approx. 25 VA (100 V-240 V)
External dimensions	560(W) $\times$ 250(D) $\times$ 153(H) mm 
Weight	7.2 kg

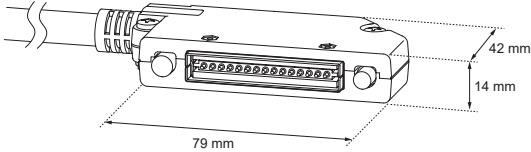
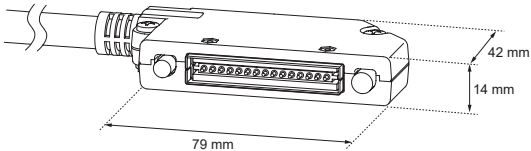
7.1.12 AeroDR Battery Charger2

Item	Description
Product name	AeroDR Battery Charger2
Battery charging system	Automatic charging
Power requirements	AC 100 V-240 V $\pm 10\%$, single phase, 50/60 Hz
Power consumption	Charging : 180 VA (100 V-240 V) Standby : 30 VA (100 V-240 V)
External dimensions	474.2(W) $\times$ 200(D) $\times$ 206.7(H) mm 
Weight	6 kg

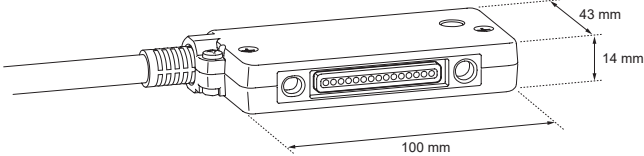
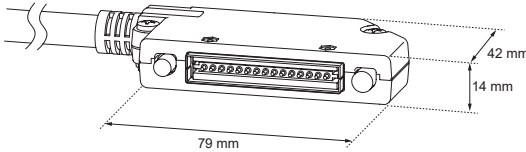
7.1.13 AeroDR Access Point

Item	Description
Product name (model name)	AeroDR Access Point (AeroDR C-1)
External dimensions	53.6(W) $\times$ 135(H) $\times$ 105(D) mm (without antenna) 
Weight	850 g

7.1.14 I/F Cable

Item	Description
Product name	AeroDR I/F Cable AeroDR I/F Cable2 I/F Cable3 0.67mU(G-33) I/F Cable3 1mU(G-57) I/F Cable3 8mD(G-31) I/F Cable3 8mU(G-32) I/F Cable4 1.5mD(G-58) I/F Cable4 8mD(G-53) I/F Cable4 8mU(G-54) I/F Cable4 2mU(G-60)
Cable length	AeroDR I/F Cable : 10 m/20 m AeroDR I/F Cable2 : 10 m/20 m I/F Cable3 0.67mU(G-33) : 0.67 m I/F Cable3 1mU(G-57) : 1 m I/F Cable3 8mD(G-31) : 8 m I/F Cable3 8mU(G-32) : 8 m I/F Cable4 1.5mD(G-58) : 1.5 m I/F Cable4 8mD(G-53) : 8 m I/F Cable4 8mU(G-54) : 8 m I/F Cable4 2mU(G-60) : 2 m
External dimensions	AeroDR I/F Cable, AeroDR I/F Cable2, I/F Cable3 8mD(G-31), I/F Cable4 1.5mD(G-58), I/F Cable4 8mD(G-53): 79(W)×42(D)×14(H) mm  I/F Cable3 0.67mU(G-33), I/F Cable3 1mU(G-57), I/F Cable3 8mU(G-32), I/F Cable4 8mU(G-54), I/F Cable4 2mU(G-60): 79(W)×42(D)×14(H) mm 

7.1.15 AeroDR UF Cable

Item	Description
Product name	AeroDR UF Cable
Cable length	2 m/5 m
External dimensions	Wired connection connector (UIF) side: 100(W)×43(D)×14(H) mm  Spring connector (PIF) side: 79(W)×42(D)×14(H) mm 

7.1.16 Cables and minor components

Item	Description	
S-SRM	AeroDR S-SRM KIT AeroDR S-SRM KIT 2	
AC adapter	AeroDR AC Adapter KIT DI Unit AC Adapter GIU3 AC Adapter	
AeroDR XG Cable	AeroDR XG Cable Set 100V AeroDR XG Cable Set 120V AeroDR XG Cable Set 220V AeroDR XG Cable Set 230V AeroDR XG Cable Set 240V AeroDR XG Cable Set DC24V AeroDR XG Cable Set DC24V T AeroDR XG Cable Set DC G AeroDR XG Cable Set DC AeroDR XG Cable Set2	
AeroDR Collimator Cable	AeroDR Collimator Cable Set	
AeroDR S-SRM Cable	AeroDR S-SRM Hand S/W 5m Cable AeroDR S-SRM Cable ARX1 AeroDR S-SRM Cable ARX2 AeroDR S-SRM Cable CPX1 AeroDR S-SRM Cable CTX1 AeroDR S-SRM Cable DEX1 AeroDR S-SRM Cable DEX2 AeroDR S-SRM Cable ECX1 AeroDR S-SRM Cable ECX2 AeroDR S-SRM Cable EMX1 AeroDR S-SRM Cable GEX1 AeroDR S-SRM Cable GEX2 AeroDR S-SRM Cable GEX3 AeroDR S-SRM Cable GEX4 AeroDR S-SRM Cable GEX5 AeroDR S-SRM Cable GEX6 AeroDR S-SRM Cable GEX7 AeroDR S-SRM Cable GEX8 AeroDR S-SRM Cable GEX9 AeroDR S-SRM Cable GEX10 AeroDR S-SRM Cable HIX2	AeroDR S-SRM Cable ISX1 AeroDR S-SRM Cable KSX1 AeroDR S-SRM Cable KSX2 AeroDR S-SRM Cable MCX1 AeroDR S-SRM Cable NC AeroDR S-SRM Cable PHX1 AeroDR S-SRM Cable PHX2 AeroDR S-SRM Cable PHX3 AeroDR S-SRM Cable PKX1 AeroDR S-SRM Cable POX1 AeroDR S-SRM Cable SIX1 AeroDR S-SRM Cable SIX2 AeroDR S-SRM Cable SIX4 AeroDR S-SRM Cable SIX5 AeroDR S-SRM Cable SMX1 AeroDR S-SRM Cable SMX3 AeroDR S-SRM Cable SUX1 AeroDR S-SRM Cable TOX1 AeroDR S-SRM Cable TOX3 AeroDR S-SRM Cable TOX4
Serial I/F	GIU3 Serial I/F Kit	

- AeroDR S-SRM Cables is subject to change without notice.
- Other AeroDR S-SRM Cables may be added without notice.
- Some AeroDR S-SRM Cables may not be confirmed to comply with EC Directive 93/42/EEC.

7.1.17 AeroDR SYSTEM

Item	Description								
Recommend- ed storage and usage environment conditions	When oper- ating	<table><tr><th>Temperature</th><th>Humidity</th><th>Atmospheric pressure</th></tr><tr><td>10 °C to 30 °C </td><td>35 %RH to 80 %RH (ensure no water condensation) </td><td>700 hPa to 1060 hPa </td></tr></table> *Limit continuous use in a hot and humid environment (35 °C to 37 °C/95 % or lower) of an incubator to within 25 minutes.	Temperature	Humidity	Atmospheric pressure	10 °C to 30 °C 	35 %RH to 80 %RH (ensure no water condensation) 	700 hPa to 1060 hPa 	
	Temperature	Humidity	Atmospheric pressure						
	10 °C to 30 °C 	35 %RH to 80 %RH (ensure no water condensation) 	700 hPa to 1060 hPa 						
When not operating	<table><tr><th>Temperature</th><th>Humidity</th><th>Atmospheric pressure</th></tr><tr><td>−10 °C to 40 °C </td><td>20 %RH to 90 %RH (ensure no water condensation) </td><td>700 hPa to 1060 hPa </td></tr></table>	Temperature	Humidity	Atmospheric pressure	−10 °C to 40 °C 	20 %RH to 90 %RH (ensure no water condensation) 	700 hPa to 1060 hPa 		
Temperature	Humidity	Atmospheric pressure							
−10 °C to 40 °C 	20 %RH to 90 %RH (ensure no water condensation) 	700 hPa to 1060 hPa 							
In storage/ transport	<table><tr><th>Temperature</th><th>Humidity</th><th>Atmospheric pressure</th></tr><tr><td>−20 °C to 50 °C*1 </td><td>20 %RH to 90 %RH (ensure no water condensation) </td><td>700 hPa to 1060 hPa </td></tr></table> *1 However, performance warranty period when storing at 50 °C is 6 months after packing.	Temperature	Humidity	Atmospheric pressure	−20 °C to 50 °C*1 	20 %RH to 90 %RH (ensure no water condensation) 	700 hPa to 1060 hPa 		
Temperature	Humidity	Atmospheric pressure							
−20 °C to 50 °C*1 	20 %RH to 90 %RH (ensure no water condensation) 	700 hPa to 1060 hPa 							
Classification	Safety IEC60601-1 Class I								
Operation mode	Continuous operation								

7.1.18 AeroDR SYSTEM 2

Item	Description							
Recommended storage and usage environment conditions	When operating	<table><tr><th>Temperature</th><th>Humidity</th><th>Atmospheric pressure</th></tr><tr><td>10 °C to 30 °C </td><td>35 %RH to 80 %RH (ensure no water condensation) </td><td>700 hPa to 1060 hPa </td></tr></table>	Temperature	Humidity	Atmospheric pressure	10 °C to 30 °C 	35 %RH to 80 %RH (ensure no water condensation) 	700 hPa to 1060 hPa 
	Temperature	Humidity	Atmospheric pressure					
	10 °C to 30 °C 	35 %RH to 80 %RH (ensure no water condensation) 	700 hPa to 1060 hPa 					
When not operating	<table><tr><th>Temperature</th><th>Humidity</th><th>Atmospheric pressure</th></tr><tr><td>−10 °C to 40 °C </td><td>20 %RH to 90 %RH (ensure no water condensation) </td><td>700 hPa to 1060 hPa </td></tr></table>	Temperature	Humidity	Atmospheric pressure	−10 °C to 40 °C 	20 %RH to 90 %RH (ensure no water condensation) 	700 hPa to 1060 hPa 	
Temperature	Humidity	Atmospheric pressure						
−10 °C to 40 °C 	20 %RH to 90 %RH (ensure no water condensation) 	700 hPa to 1060 hPa 						
In storage/ transport	<table><tr><th>Temperature</th><th>Humidity</th><th>Atmospheric pressure</th></tr><tr><td>−20 °C to 50 °C*1 </td><td>20 %RH to 90 %RH (ensure no water condensation) </td><td>700 hPa to 1060 hPa </td></tr></table> *1 However, performance warranty period when storing at 50 °C is 6 months after packing.	Temperature	Humidity	Atmospheric pressure	−20 °C to 50 °C*1 	20 %RH to 90 %RH (ensure no water condensation) 	700 hPa to 1060 hPa 	
Temperature	Humidity	Atmospheric pressure						
−20 °C to 50 °C*1 	20 %RH to 90 %RH (ensure no water condensation) 	700 hPa to 1060 hPa 						
Classification	Safety IEC60601-1 Class I							
Operation mode	Continuous operation							

7.1.19 SKR 3000

Item	Description						
Recommend- ed storage and usage environment conditions	When oper- ating	Temperature		Humidity		Atmospheric pressure	
		10 °C to 35 °C		35 %RH to 85 %RH (ensure no water condensation)		700 hPa to 1060 hPa	
	*The temperature and humidity when operating the optional components, except Detector Interface Unit and Power Supply Unit, are: 10 °C to 30 °C and 35 % to 80 %, respectively. *For serial exposure, temperature: 10 °C to 30 °C, humidity 35 % to 85 %. *The temperature and humidity when operating the Detector Interface Unit 2, Generator Interface Unit 3, I/F Cable4 1.5mD, I/F Cable4 8mD and I/F Cable4 8mU, are: 10 °C to 30 °C and 35 % to 85 %, respectively. *Limit continuous use in a hot and humid environment (35 °C to 37 °C/95 % or lower) of an incubator to within 25 minutes.						
	When not operating	Temperature		Humidity		Atmospheric pressure	
	–10 °C to 40 °C		20 %RH to 90 %RH (ensure no water condensation)		700 hPa to 1060 hPa		
	In storage/ transport	Temperature		Humidity		Atmospheric pressure	
		–20 °C to 50 °C ^{*1}		20 %RH to 90 %RH (ensure no water condensation)		700 hPa to 1060 hPa	
^{*1} However, performance warranty period when storing at 50 °C is 6 months after packing. * For GIU SZ and I/F Cable4 2mU, the temperature and humidity in storage/transport are: –20 °C to 60 °C and 20 % to 90 %, respectively.							
Classification	Safety IEC60601-1 Class I						
Operation mode	Continuous operation						

7.1.20 Label

DR Detector

● AeroDR 1417HQ/AeroDR 1417S

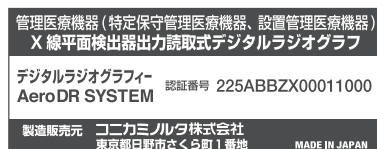


FCC ID : YR7AERO DRP1 IC : 1048H-AERO DRP1

This device complies with Part 15 of FCC Rules and RSS-Gen of IC Rules. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of this device.

This Class A digital apparatus complies with Canadian ICES-003.

Complies with
IDA Standards
DA 104328



产品名称: 数字 X 射线成像系统

规格型号: AeroDR SYSTEM

医疗器械注册证编号: 国食药监械(进)字2013第2304598号(更)

产品标准编号: YZB/JAP 6006-2013《数字X射线成像系统》

生产企业名称: 柯尼卡美能达株式会社(コニカミノルタ株式会社)

注册地址: 日本国東京都千代田区丸之内二丁目7番2号

生产地址: 日本国埼玉県狭山市广瀬台二丁目2番1号



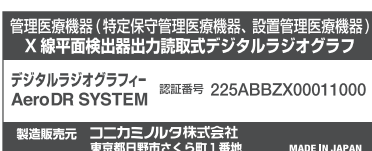
● AeroDR 1717HQ



FCC ID : YR7AERO DRP2 IC : 1048H-AERO DRP2

This device complies with Part 15 of FCC Rules and RSS-Gen of IC Rules. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of this device.

This Class A digital apparatus complies with Canadian ICES-003.



数字 X 射线成像系统

型 号: AeroDR SYSTEM

柯尼卡美能达株式会社
注册地址: 日本国東京都千代田区丸之内二丁目7番2号
生产地址: 日本国埼玉県狭山市广瀬台2-2-1



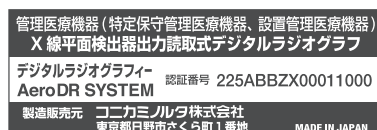
● AeroDR 1012HQ



FCC ID : YR7AERO DRP3 IC : 1048H-AERO DRP3

This device complies with Part 15 of FCC Rules and RSS-Gen of IC Rules. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of this device.

This Class A digital apparatus complies with Canadian ICES-003.



数字 X 射线成像系统

型 号: AeroDR SYSTEM

柯尼卡美能达株式会社
注册地址: 日本国東京都千代田区丸之内二丁目7番2号
生产地址: 日本国埼玉県狭山市广瀬台2-2-1

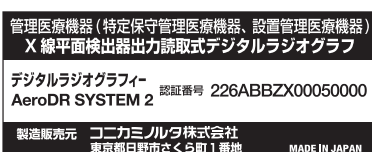


● AeroDR 2 Detector



FCC ID : YR7AERODRP5 IC : 1048H-AERODRP5

This device complies with Part 15 of FCC Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of this device. This Class A digital apparatus complies with Canadian CAN ICES-3(A)/NMB-3(A).



数字 X 射线成像系统

型 号: AeroDR SYSTEM 2

柯尼卡美能达株式会社
注册地址: 日本国東京都千代田区丸之内二丁目7番2号
生产地址: 日本国埼玉県狭山市广瀬台2-2-1



●AeroDR 3 1417HD/AeroDR 3 1717HD

DIRECT DIGITIZER SKR 3000 KONICA MINOLTA, INC. 1 Sakuragi-machi, Hino-shi, Tokyo, 191-8511, Japan MADE IN JAPAN 产品名称：X射线平板探测系统 规格型号：SKR 3000 医疗器械注册证编号：国械注进20202060007 产品技术要求编号：国械注进20202060007 输入电压和电流：220V~ 0.8A 输入频率：50Hz 使用期限：初次装机后6年 其他内容详见说明书 生产企业名称：柯尼卡美能达株式会社 注册地址：日本东京都千代田区丸之内二丁目7番2号 生产地址：日本埼玉县狭山市广瀬台2-2-1 分类：内部电源设备/Ⅰ类	管理医療機器（特定保守管理医療機器、設置管理医療機器） X線平面検出器出力読取式デジタルラジオグラフ デジタルラジオグラフィ- SKR 3000 認証番号 228ABBZX00115000 製造販売元 コニカミノルタ株式会社 東京都日野市さくら町1番地 MADE IN JAPAN FCC ID: YR7SKR3000P6 IC: 1048H-SKR3000P6 This device complies with Part 15 of FCC Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of this device. This Class A digital apparatus complies with Canadian CAN ICES-3(A)/NMB-3(A). EC REP Konica Minolta Business Solutions Europe GmbH Capellaan 65, 2132 JL, Hoofddorp, The Netherlands	CE 0197 CE MD IPX6
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●AeroDR 3 1012HQ

DIRECT DIGITIZER SKR 3000 KONICA MINOLTA, INC. 1 Sakuragi-machi, Hino-shi, Tokyo, 191-8511, Japan MADE IN JAPAN 产品名称：X射线平板探测系统 规格型号：SKR 3000 医疗器械注册证编号：国械注进20202060007 产品技术要求编号：国械注进20202060007 输入电压和电流：220V~ 0.8A 输入频率：50Hz 使用期限：初次装机后6年 其他内容详见说明书 生产企业名称：柯尼卡美能达株式会社 注册地址：日本东京都千代田区丸之内二丁目7番2号 生产地址：日本埼玉县狭山市广瀬台2-2-1 分类：内部电源设备/Ⅰ类	管理医療機器（特定保守管理医療機器、設置管理医療機器） X線平面検出器出力読取式デジタルラジオグラフ デジタルラジオグラフィ- SKR 3000 認証番号 228ABBZX00115000 製造販売元 コニカミノルタ株式会社 東京都日野市さくら町1番地 FCC ID: YR7SKR3000P6 IC: 1048H-SKR3000P6 This device complies with part 15 of FCC Rules and Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This Class A digital apparatus complies with Canadian CAN ICES-3(A)/NMB-3(A). EC REP Konica Minolta Business Solutions Europe GmbH Capellaan 65, 2132 JL, Hoofddorp, The Netherlands	CE 0197 CE MD IPX6 https://www.konicaminolta.eu/healthcare-downloads A8CG50033
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●AeroDR 3 1417HD2/AeroDR 3 1717HD2

DIRECT DIGITIZER SKR 3000 KONICA MINOLTA, INC. 1 Sakuragi-machi, Hino-shi, Tokyo, 191-8511, Japan MADE IN JAPAN 产品名称：X射线平板探测系统 规格型号：SKR 3000 医疗器械注册证编号：国械注进20202060007 产品技术要求编号：国械注进20202060007 输入电压和电流：220V~ 0.8A 输入频率：50Hz 使用期限：初次装机后6年 其他内容详见说明书 生产企业名称：柯尼卡美能达株式会社 注册地址：日本东京都千代田区丸之内二丁目7番2号 生产地址：日本埼玉县狭山市广瀬台2-2-1 分类：内部电源设备/Ⅰ类	管理医療機器（特定保守管理医療機器、設置管理医療機器） X線平面検出器出力読取式デジタルラジオグラフ デジタルラジオグラフィ- SKR 3000 認証番号 228ABBZX00115000 製造販売元 コニカミノルタ株式会社 東京都日野市さくら町1番地 FCC ID: YR7SKR3000P7 IC: 1048H-SKR3000P7 This device complies with part 15 of FCC Rules and Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This Class A digital apparatus complies with Canadian CAN ICES-3(A)/NMB-3(A). EC REP Konica Minolta Business Solutions Europe GmbH Capellaan 65, 2132 JL, Hoofddorp, The Netherlands	CE 0197 CE MD IPX6 https://www.konicaminolta.eu/healthcare-downloads A9YF50031
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●AeroDR 3 1417HL/AeroDR 3 1417SL/AeroDR 3 1717HL

DIRECT DIGITIZER SKR 3000 KONICA MINOLTA, INC. 1 Sakuragi-machi, Hino-shi, Tokyo, 191-8511, Japan MADE IN JAPAN 产品名称：X射线平板探测系统 规格型号：SKR 3000 医疗器械注册证编号：国械注进20202060007 产品技术要求编号：国械注进20202060007 输入电压和电流：220V~ 0.8A 输入频率：50Hz 使用期限：初次装机后6年 其他内容详见说明书 生产企业名称：柯尼卡美能达株式会社 注册地址：日本东京都千代田区丸之内二丁目7番2号 生产地址：日本埼玉县狭山市广瀬台2-2-1 分类：内部电源设备/Ⅰ类	管理医療機器（特定保守管理医療機器、設置管理医療機器） X線平面検出器出力読取式デジタルラジオグラフ デジタルラジオグラフィ- SKR 3000 認証番号 228ABBZX00115000 製造販売元 コニカミノルタ株式会社 東京都日野市さくら町1番地 FCC ID: YR7SKR3000P8 IC: 1048H-SKR3000P8 This device complies with part 15 of FCC Rules and Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This Class A digital apparatus complies with Canadian CAN ICES-3(A)/NMB-3(A). EC REP Konica Minolta Business Solutions Europe GmbH Capellaan 65, 2132 JL, Hoofddorp, The Netherlands	CE 0197 CE MD IP56 https://www.konicaminolta.eu/healthcare-downloads ADU050031
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● AeroDR 3 1417S

DIRECT DIGITIZER SKR 3000		管理医療機器（特定保守管理医療機器、設置管理医療機器） X線平面検出器出力読取式デジタルラジオグラフ	
KONICA MINOLTA, INC. 1 Sakura-machi, Hino-shi, Tokyo, 191-8511, Japan MADE IN JAPAN	  	デジタルラジオグラフィ- SKR 3000 型番番号 228ABBZX00115000 製造販売元 コニカミノルタ株式会社 東京都日野市さくら町1番地 FCC ID: YR7SKR3000P9 IC: 1048H-SKR3000P9 This device complies with Part 15 of FCC Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of this device. This Class A digital apparatus complies with Canadian CAN ICES-3(A)/NMB-3(A).  Konica Minolta Business Solutions Europe GmbH Capellalaan 65, 2132 JL, Hoofddorp, The Netherlands    https://www.konicaminolta.eu/healthcare-downloads AEA050030	

AeroDR Interface Unit

AeroDR B-1 AeroDR 盒		
  	AC100V 1.6A/ AC110V 1.5A/ AC120V 1.3A/ AC200V 0.8A/ AC220V 0.7A/ AC240V 0.6A/ 50/60Hz	SER.NO. 产品批号  A20K-00001 产品生产日期  2016-05
KONICA MINOLTA, INC. 柯尼卡美能达株式会社 MADE IN JAPAN		

AeroDR Interface Unit2

AeroDR Interface Unit2 AeroDR 盒2		
   	AC100V 1.6A/ AC110V 1.5A/ AC120V 1.3A/ AC200V 0.8A/ AC220V 0.7A/ AC240V 0.6A/ 50/60Hz	SER.NO. 产品批号  A6PD-00001 产品生产日期  2016-05
KONICA MINOLTA, INC. 柯尼卡美能达株式会社 MADE IN JAPAN		

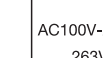
Detector Interface Unit

SKR 3000 / G-21(Detector Interface Unit) 探测器连接单元		
# G-21   	产品批号  A9G5-00001 产品生产日期  2016-07-28 	REF A9G5  GS1 (01) 04560141945197 (21) A9G5-00001 A9G50014
KONICA MINOLTA, INC. 柯尼卡美能达株式会社 MADE IN JAPAN		

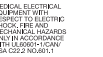
Detector Interface Unit 2

SKR 3000 / G-52(Detector Interface Unit 2)													
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	2018-04-28												
KONICA MINOLTA, INC. MADE IN JAPAN AC6050012													

Power Supply Unit

SKR 3000 / G-11(Power Supply Unit) 电源供给单元													
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SN	A9G4-00001	UDI											
产品生产日期	2016-07-28												
KONICA MINOLTA, INC. 柯尼卡美能达株式会社 MADE IN JAPAN A9G450014													

AeroDR Generator Interface Unit

AeroDR X-1									
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SER.NO.									
SN	A46K-00001								
	2013 B								
KONICA MINOLTA, INC. MADE IN JAPAN									

AeroDR Generator Interface Unit2

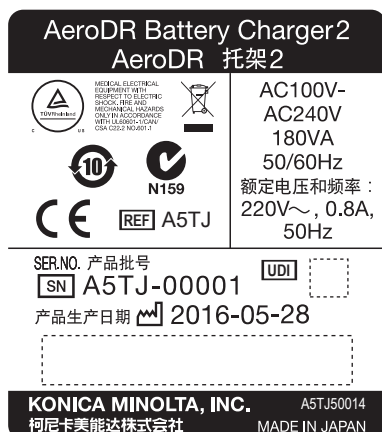
AeroDR Generator Interface Unit 2 发生器连接单元2											
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产品生产日期	2014-07-28										
REF	A7RM										
KONICA MINOLTA, INC. 柯尼卡美能达株式会社 MADE IN JAPAN A7RM50013											

1003

1121

1001

AeroDR Battery Charger2



AeroDR Access Point





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