

6.2 Specifications



NOTE

Contents of this specifications are subjected to change for further improvement without notice.

The specifications indicate standard values, which may differ from actual values.

6.2.1 BR-120

Item	Description								
Construction	<p>① Bucky ② Stand ③ Patient stand for long view radiography (included with long view detection option)</p>								
Bucky	<table border="1"> <tbody> <tr> <td>Distance between Bucky gnathal hub and floor surface</td> <td>$h = 627 (643) - 2127 (2143)$ mm (Manual operation) $h = 655 (671) - 2097 (2113)$ mm (Motor-driven operation) (Figures in parentheses are dimensions when mounted on a base plate)</td> </tr> <tr> <td>Operation</td> <td>Manual or motor drive (option) Electromagnetic lock provided is released while power is supplied.</td> </tr> <tr> <td>Distance between Bucky gnathal hub and detector plane center</td> <td>247 mm</td> </tr> <tr> <td>Distance between Bucky front face and detector plane</td> <td>40 mm</td> </tr> </tbody> </table>	Distance between Bucky gnathal hub and floor surface	$h = 627 (643) - 2127 (2143)$ mm (Manual operation) $h = 655 (671) - 2097 (2113)$ mm (Motor-driven operation) (Figures in parentheses are dimensions when mounted on a base plate)	Operation	Manual or motor drive (option) Electromagnetic lock provided is released while power is supplied.	Distance between Bucky gnathal hub and detector plane center	247 mm	Distance between Bucky front face and detector plane	40 mm
Distance between Bucky gnathal hub and floor surface	$h = 627 (643) - 2127 (2143)$ mm (Manual operation) $h = 655 (671) - 2097 (2113)$ mm (Motor-driven operation) (Figures in parentheses are dimensions when mounted on a base plate)								
Operation	Manual or motor drive (option) Electromagnetic lock provided is released while power is supplied.								
Distance between Bucky gnathal hub and detector plane center	247 mm								
Distance between Bucky front face and detector plane	40 mm								

Item	Description		
Bucky			
Application cassette/ FPD size	FPD rotation tray <ul style="list-style-type: none"> • 14 × 17 inch/35 × 43 cm sized FPD Portrait or landscape orientation is available by turning the FPD 90° in the tray		
	1717 tray <ul style="list-style-type: none"> • 17 × 17 inch/43 × 43 cm sized FPD 		
	HC tray <ul style="list-style-type: none"> • Handy type model FPD (DR-ID 911SE) 		
	Cassette tray <ul style="list-style-type: none"> • inch: <ul style="list-style-type: none"> 8 × 10, 9.5 × 9.5, 10 × 12, 11 × 14, 14 × 14, 14 × 17, 17 × 17 • cm: <ul style="list-style-type: none"> 18 × 24, 24 × 24, 24 × 30, 35 × 35, 35 × 43, 43 × 43 Portrait or landscape orientation		
Radiography reference position	FPD rotation tray <ul style="list-style-type: none"> • Center reference • Top reference 		
	Cassette tray <ul style="list-style-type: none"> • Center reference • Top reference or bottom reference (only for the cassettes/FPDs of 14" (height) × 17" (width) (35 cm (height) × 43 cm (width))) 		
X-ray grid (It functions as a moving grid*1 or a fixed grid.)	Dimensions	438 mm × 479 mm	
	Intermediate material	AL	
	Grid ratio, Grid density	34 lines/cm	8:1
		40 lines/cm	10:1
		40 lines/cm	12:1
52 lines/cm		8:1	
52 lines/cm		12:1	
60 lines/cm	8:1		
60 lines/cm	10:1		
60 lines/cm	12:1		
80 lines/cm	10:1		
80 lines/cm	12:1		
Mounting/removing grid	Possible		
Attenuation equivalent for front panel	0.63 mmAl or Less		

Item	Description
Installation conditions	
Outer dimension	Refer to " Dimensions " P.133
Required space	650 mm (L) × 400 mm (D)
Required ceiling height	2350 mm or more
Mass	Standard : Approx. 120 kg When motor drive/long view detection option installed : Approx. 145 kg Patient stand for long view radiography (option) : Approx. 70 kg
Power Supply	Single phase, 100 V, 0.2 kVA, 50/60 Hz (Supplied from X-ray high voltage generator)

*1: When radiography is performed without an object for time (40 msec or less), some stripes may appear.