

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 <div style="text-align: center;"> </div> <ul style="list-style-type: none"> ① Bucky ② Stand ③ Patient stand for long view radiography (included with long view detection option) 									
Bucky <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td data-bbox="389 1397 715 1552">Distance between Bucky gnathal hub and floor surface</td> <td data-bbox="715 1397 1362 1552">$h = 627 (643) - 2127 (2143)$ 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 data-bbox="389 1552 715 1677">Operation</td> <td data-bbox="715 1552 1362 1677">Manual or motor drive (option) Electromagnetic lock provided is released while power is supplied.</td> </tr> <tr> <td data-bbox="389 1677 715 1803">Distance between Bucky gnathal hub and detector plane center</td> <td data-bbox="715 1677 1362 1803">247 mm</td> </tr> <tr> <td data-bbox="389 1803 715 1912">Distance between Bucky front face and detector plane</td> <td data-bbox="715 1803 1362 1912">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.