

7.2 Specifications

7.2.1 R-300

Item		Description
Max. voltage used for applicable X-ray tube		150 kV
Irradiation field	Rectangular irradiation field H-leaves and V-leaves (SID 100 cm)	Max. : 523 × 523 mm (450 × 450 mm, when polygonal collimator (C-leaves) and single-acting H mask are built in) Min. : 0 × 0 mm Shape formed by overlapping of leaves
Light field	Average illumination	160 lx or more (when SID is 100 cm)
	Time lamp stays on	Continuously for 5 to 30 seconds (automatically turns off, time set at installation)
	Lamp	Halogen lamp (JM 12V 106 W 5 H) or LED lamp
	Adjustment mechanism	Provided
	Discrepancy between light field and actual irradiation field	Within 2% of the SID (adjusted on shipment from the factory)
Filtration	Inherent filtration	1.1 mm Al eq.
	Auto-filter	Cu 0, 0.1, 0.2, 0.3 mm The X-ray filter can be switched in accordance with the radiography conditions set on the X-ray high-voltage generator.
Pb equivalency of leaves	Shielding leaves (H-leaves and V-leaves)	3 mm Pb eq.
	Middle leaves	2 mm Pb eq.
Leaves driving method		Stepping motor drive
Distance between the focus and fitting face		60 mm
External Dimensions		231 (W) × 317 (L) × 259 (H) mm
Mass		Approx. 10 kg
Power Supply		24 VDC, 150 VA (without polygonal collimator (C-leaves)) 240 VA (with polygonal collimator (C-leaves) or when combined with SONIALVISION G4 system)
Turning Mechanism		±45°