






ORICH Medical Equipment (Tianjin) Co.,LTD.

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Technical data of high frequency medical radiographic X-ray system

Item No: DF-211H

Standard Configuration

No	Photo	Item	Technology Parameter	
1		Generator	Output Power: 50kW	
			High frequency output: $\geq 25\text{kHz}$	
			kV _p Range: 40-150 KV	
			mA Range: 10-630mA	
			Exposure Timer Range: 0.001-6.3s (maximum)	
			mAs Range: 0.5-630mAs	
			Anatomical Programs (APR): 768	
			Options: AEC, DAP	
			Input Phase / Voltage: 3 phase, AC380V $\pm 10\%$ 50Hz/60Hz	
2		X-ray Tube	Nominal focal spot value: 0.6mm (small focus)/1.2mm (large focus)	
			Rotation speed (min ⁻¹): 2700rpm@50Hz, 3200rpm@60Hz	
			Maximum tube voltage: 150kV	
			Maximum filament current: 370mA (small focus) / 760mA (large focus)	
			Anode Heat Content: 150kHU (111KJ)	
			Max rating (0.1s) (kw): 20/46kW @50Hz, 22/50kW @60Hz	
3		Radiographic table	Focal spot to tabletop/wall stand: 1100mm (min)	
			Stand	Tube vertical travel range: $\geq 750\text{mm}$
				Tube transverse travel range: $\geq 1250\text{mm}$
				Tube rotation around table column: $\pm 135^\circ$
				Tube rotation about the horizontal axis: $+180^\circ$ to -180° , locked at each $0^\circ, 90^\circ, 180^\circ, 270^\circ$
			Table	Standard table top size: L2000mm x W740mm
				Table height: 660mm
				Table top travel, longitudinal: 1000mm (min)
				Table top travel, transverse: 160mm (min)
				Gird
R=10:1, f=100cm, N=40 line/cm				



4		Collimator	Control method: Manual
			The average brightness of the light field: >150lux
5		Wall stand	Minimum focal spot height: 800mm
			Vertical height: 2100mm
			Vertical travel range: 1200mm (min)
			Film size: 8"x10", 10"x12", 11"x14", 14"x14", 12"x15", 14"x 17"
			Grid

Photo showing

