



Mobile Digital Radiography System
Pioneer 2500



PRODUCT DESCRIPTION

Product Usage

Pioneer 2500 is high frequency combined digital X ray radiography medical diagnostic equipment, it is used in radiography department, orthopedics, wards, emergency room, operation room, ICU, etc. It can satisfy the requirement of parts of body such as head, limbs, chest, spine, stomach ,



Type	Item	Spec	
High frequency X-ray	Max output power	25kW	
	Main Inverter Frequency	60kHz	
	X-ray tube	Focus	Small focus:0.6; Large focus:1.3
		Rotation anode speed	3000rpm
	Heat capacity	900kJ (1200kHU)	
	Tube current	200mA	
	Tube voltage	40-125kV	
	MAS	0.4-360mAs	
Digital image system	Digital detector	Detector	Amorphous silicon detector
		scintillator	cesium iodide
		View	14 ×17
		Pixel	3000×2400
		Max spatial resolution	3.5lp/mm
		Pixel size	144µm
		Output gray -scale	16bits
	DQE	75%	
	Workstation	Acquisition module	Gigabit nets collection
		Image processing model	Built-in CONTEXTVISION GOPVIEW XR2 Enhance module , parameters chosen according to particular part
Image information management		Dicom Storage Dicom Print Dicom transmission	
Physical construction performance	Distance from floor to focus	Max:193cm; Min:73cm	
	Distance from focus to pillar	Max:122cm; Min:72cm	
	X-ray Tube components can rotate around the telescopic boom axis	±90°	
	Collimator rotate around vertical axis	±90°	
	Rotation range of pillar	0°~360°	
Power supply	220V±10%	50/60Hz	



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