



Forever Medical

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HIGH FREQUENCY MOBILE DIGITAL RADIOGRAPHY SYSTEM

YJ-X5200A





PRODUCT DESCRIPTION

Product Usage

YJ-X5200A 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, ect.



It can meet all positions to get images when combined with a mobile radiography table (optional)





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 2 pieces	Detector	Amorphous silicon detector
		scintillator	cesium iodide
		View	14"×17"& 8"×10"
		Pixel	3000×2400&2304*2800
	Workstation	Max spatial resolution	3.5Lp/mm
		Pixel size	150µm
		Output gray-scale	16bits
	Acquisition module	DQE	75%
		Acquisition module	Gigabit nets collection
		Image processing model	Built-in CONTEXTVISION GOPVIEW XR2 Enhance module, parameters chosen according to particular part
Image information management	Image information management	Dicom Storage Dicom Print Dicom transmission	
Physical construction performance	Distance from floor to focus	Max: 191cm; Min: 73cm	
	Distance from focus to pillar	Max:125cm; Min:75cm	
	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	



Basic configuration:

1. High quality combined high frequency high voltage generator
2. Color graphical touch LCD control system
3. Panel detector with free movement
4. High quality IPC
5. Large size medical LCD display
6. New type mobile column rack
7. Symmetric adjustable, wireless ranging rotatable collimator with lamp
8. Electric assistance drive system
9. Cable exposure handbrake
10. Wireless remote control exposure device

X-ray generator:

1. 25KW compact x-ray generator;
2. High frequency of 60KHz;
3. With high technology to reduce the radiation;

Unique Power supply way:

1. Supers capacitor to supply power in photography and durable life;
2. Li-Battery to supply power in mechanical movement;

Mechanical movement:

1. The horizon arm can be contracted freely;
2. The pillar has the electronic up and down movement; and be rotated 360degree;
3. X-ray tube is rotary and moves left and right with 90degree;
4. Collimator can be rotated left and right with 90degree;
5. Comprehensive integration control drive
6. Collimator Rotation Range: ± 90 degrees
7. Tube Tilt: -10 to +90degrees
8. Tube Rotation: ± 180 degrees

Software:

LCD touch screen operation panel to control the machine conveniently



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