

PLX5200 High Frequency Mobile Digital Radiography System



Packing Size: 170x100x236cm

N.W.: 450kg

G.W.: 625kg

Usage:

This unit 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, lunmer, stomach.

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 hand brake
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;



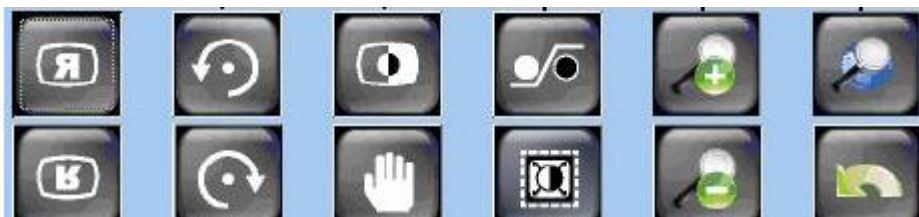
Mechanical movement:

1. The horizon arm can be contracted freely;
2. The pillar has the electronic up and down movement; and be rotated 360 degree;
3. X-ray tube is rotary and moves left and right with 90 degree;
4. Collimator can be rotated left and right with 90 degree;
5. Comprehensive integration control drive



Software:

LCD touch screen operation panel to control the machine conveniently;



Technical parameters

Type	Item	Spec	
Hige 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 detecotr	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 modle	Built-in CONTEXTVISION GOPVIEW XR2 Enhance module, parameeters choosen according to particular part
		Image information management	Dicom Storage Dicom Print Dicom transmission
	Physical construction performance	Distance from floor to focus	Max:200cm; Min:80cm
		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	