



DR8200 High Frequency Digital Radiography System (25KW, 200mA)



Packing Details: (4 wooden cases)

	Packing Dimension(mm)	NW(Kg)	GW(Kg)
1	2440*1000*1210mm	410 KG	530KG
2	1070*680*810mm	60KG	90KG
3	1950*1100*950mm	195KG	275KG
4	1250*680*1030mm	130KG	165KG

I. Application

This machine is applied to take radiography on every part of human body, such as head, limbs, chest, limbus and abdomen and etc.



Chest



Lumbar vertebrae
(lateral)



Lumbar vertebrae
(ortho)



Pelvis

II.Specification

	Item	Parameter
High Frequency X-ray Generator	Power Output Inverter Frequency Tube Voltage Tube Current mAs	26KW 60kHz 40-130kV 200mA 0.4~360mAs
X-ray Tube	Dual-focus Thermal capacity Speed of rotary anode	Small focus: 0.6 Large focus: 1.3 900kJ (1200 KHU) 3000rpm
Digital Detector	Type of detector Field of view Inch Pixel Spatial resolution Pixel size Grayscale output Imaging time	CCD 17"*17" 3K*3K ≥3.6LP/mm 140um 14bit 15S
Digital workstation	Image acquisition system : Image processing module: Image storage and transmission:	Photo processing software, X-ray synchro Control software, motion control software tissue equilibrium, W/L adjustment, Gamma correction, interest district, reversed phase, noise reduction, smooth, sharpen, pseudo color, Edge extraction, shadow compensation, filter nuclear, single window, dual-window, four windows, movement, right rotated 90°,left rotated 90°,level mirror image, vertical mirror image, magnifying glass, image zooming, reset, layer information, label character, drawing label, length measurement, angle measurement, rectangular length, rectangular area, elliptic length, elliptic area Dicom transmission Dicom Worksite SCU Film printing Mass storage(hard disk, compact disk)
Mechanical structure performance	Motorized vertical travel Anode to Screen range Rotation range	450mm-1700mm(motorized control) 1000mm-1800mm(motorized control) -40°~+130°(motorized control)
Others	Supply power	380V 50Hz(220V 50HZ is also available)

III. Features

1. The electric lift and rotatable newly designed U-shaped frame can meet the photographic requirements of different standing and lying positions. The U-shaped design can make the operation much more convenient and flexible.
2. The world leading 17 million and 9.8 million pixels digital CCD detector can help you get the high-definition images.
3. The leading domestic high power compact high frequency X-ray generator and high frequency power inverter makes the machine much more compact and more convenient without the extra high-voltage generator and cable.
4. Newly designed photographic bed used specially for the U-shaped arm X-ray machine. The bed floating and electromagnetic lock design makes it convenient for the accurate position of the lying patient.
5. Specially designed working station for DR adopts all-digital intelligent touchable LCD control system which is graphic and real color. This system makes the operation easier and more convenient.
6. Apply different photographic parameters according to the human characteristics, such as multi-site, multi-position, multi-body shape, adult and children etc. The parameters can be modified and stored at will and make the operation more convenient.
7. The high quality high frequency high-voltage X-ray generator and high frequency power inverter can produce high-definition and good contrast images by high quality radiation and low dose.
8. The application of the KV and MA digital closed-loop control technology and the real time control of the microprocessor ensure the accuracy and repeatability of the dose.
9. The multiple automatic protection features and fault tips ensure safety during the operation process.
10. Support Dicom 3.0.
11. High quality battery is available for the power supply. Normally, about 200 exposure is available after the battery is fully charged. The image quality is stable and reliable without the effect of the net power.

IV. Standard Configuration

No.	Item	Quantity
1	Newly designed U-arm frame	1
2	High frequency and high voltage Combined X-ray generator	1
3	High frequency inverted power supply electronic cabinet	1
4	Remote control	1
5	17"*17" digital detector	1
6	19" High-definition LCD display	1
7	Digital workstation	1
8	Hand controller	1
9	Grid	1



V. Options

1. PLXF153 [Intelligent All-Directions Mobile Table](#)
(2000×650×740mm, Longitudinal movement: 200mm, Horizontal movement: 100mm)



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