

FS-500DDR

X-ray Direct Digital Radiography System

Technical Specification:

Scheme 1: ORICH generator, Toshiba detector		
Scheme 2: CPI generator, Toshiba detector		
Generator	Brand	Orich generator: HK501-1 Inverter frequency:40kHz CPI generator: CMP 200 Inverter frequency:200kHz
	Voltage:	3 phase,380V Power:50 kW
	Radiography:	40-150kVp Radiography:10-630mA Exposure time:0.001-10S
X-ray tube	Supplier:	Toshiba Item no: E7843X
	Power:	20/46kW Heat capacity: 150KHU Focus: 0.6/1.2mm
	Max tube voltage:	150kV Max tube current: 630mA
U-C arm	Stand height:	2200mm Arm up and down moving range: 1265mm
	Distance from the center of the arm to the ground:	≥425mm
	Arm rotating range:	-30°-120° Tube moving range:800 mm
	Focus screen distance, Min:	1000mm Max: 1800mm
Flat panel Detector	Toshiba detector, Japan Vision: 17" X17" (43cm X43cm) Pixel matrix: 3008 X 3072 Pixel size: 143µm Gray-scale: 14 bit Spatial resolution: 3.5LP/mm Imaging time: 5s Weight: 17kg	
Image System	Image processing	Automatic or manual window position and window width adjustment; ROI window position and window width adjustment
		Image turnover, circumgyrate, mirror image, Rich label function, Multilevel image intensifier
		Image continuous enlarged and cruise, automatic or manual image cut
	Image data manage	Image adopt various of Inquire way (name, time ,ID etc)
		Edit patient's information
	User individuation design: set the interface and toolbar as you want	
Supporting the DICOM3.0 output.		
Host computer	Monitor:	19" LCD
	System:	Windows XP sp3 CPU: Intel (R) CORE (TM) 2 Hard disk: 500G SATA Internal storage: 2G
	VGA Card:	High efficiency speedup card Optical driver: DVD +/-RW
Movable table	Length: 2010mm width: 750mm Inner height: 690mm Feet wheel: 4, with lock	
Collimator	Item no: SS-1, manual with location light	



ORICH Family

- There are many members in my family.
- ★ DF series X-ray diagnostic system;
 - ★ FS series digital radiography system;
 - ★ OX series movable system;
 - ★ MO series mammography diagnostic X-ray machine
 - ★ BLUEX series dental X-ray machine
 - ★ And there are several X-ray systems for vehicle.



ORICH series products have the character of high quality performance, Micro dosage radiation, worry-free service during the whole process, which is quite popular among the customers. As the qualified supplier to UN, ORICH had achieved the quality management certificate of ISO9001-2000、ISO13485 , all products had passed the CCC certificate of China Quality Certificate Center , SFDA certificate , CE certificate of European.

X-ray Direct Digital Radiography System



High Voltage Generator

- > My heart (high voltage generator) is of high frequency, which ensures abundant image levels and more perfect image.
- > My operation interface is concise and friendly, which is convenient for use and accurately displays real-time working status.
- > There are thousands of Asian physical constitution characteristics, even new operator can select out accurate exposure conditions and catch perfect image easily.
- > 150kV high voltage, matching with short-time exposure, can meet instantaneous photographing requirements of each part. I also have AEC automatic exposure function for you to select, all kinds of exposure conditions is adjusted automatically, which makes to finish daily work in carefree mood.
- > On account of integral design idea, my efficiency is high, energy consumption is low and safeguard is considerate.



Orich Generator

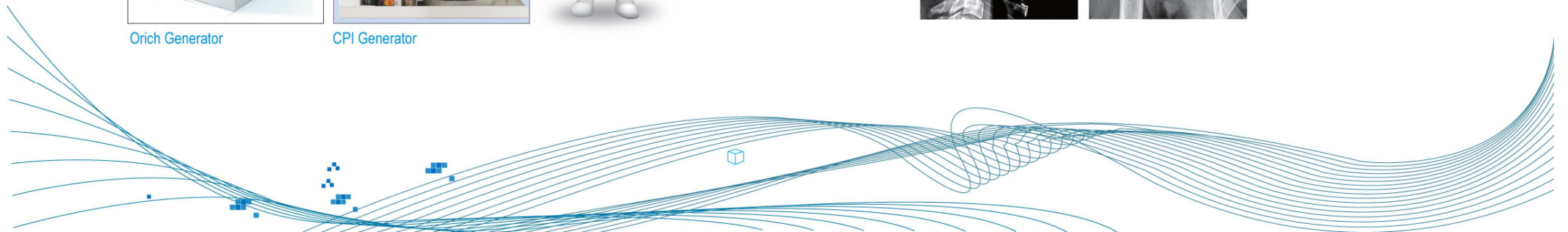
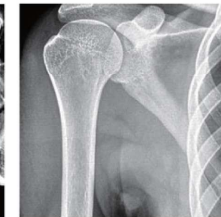


CPI Generator



X-ray Tube

- > High quality X-ray tube with original packing endows me with keen eyes, high kV and small focus; I can easily break through all obstructions, completely meet all kinds of photographing requirements and make film more clearly. I have ultra-long service life and very high reliability; even very small focal lesion can not escape from my eyes.



Detector

> I hold world-grand, ultra-thin and high-resolution caesium iodide detector, the thickness is less 5 cm, and apt to installation and operation and is convenient for disassembly, its application range obviously enlarged with abroad purpose

> Pixel size is only 143 μ m, to ensure a clear image. Up to 16bit grayscale, image has rich layers, can distinguish subtle lesions of different densities .

> Best DQE and MTF performance, very low electrical noise, to ensure incredible perfect image is achieved under low-dose.

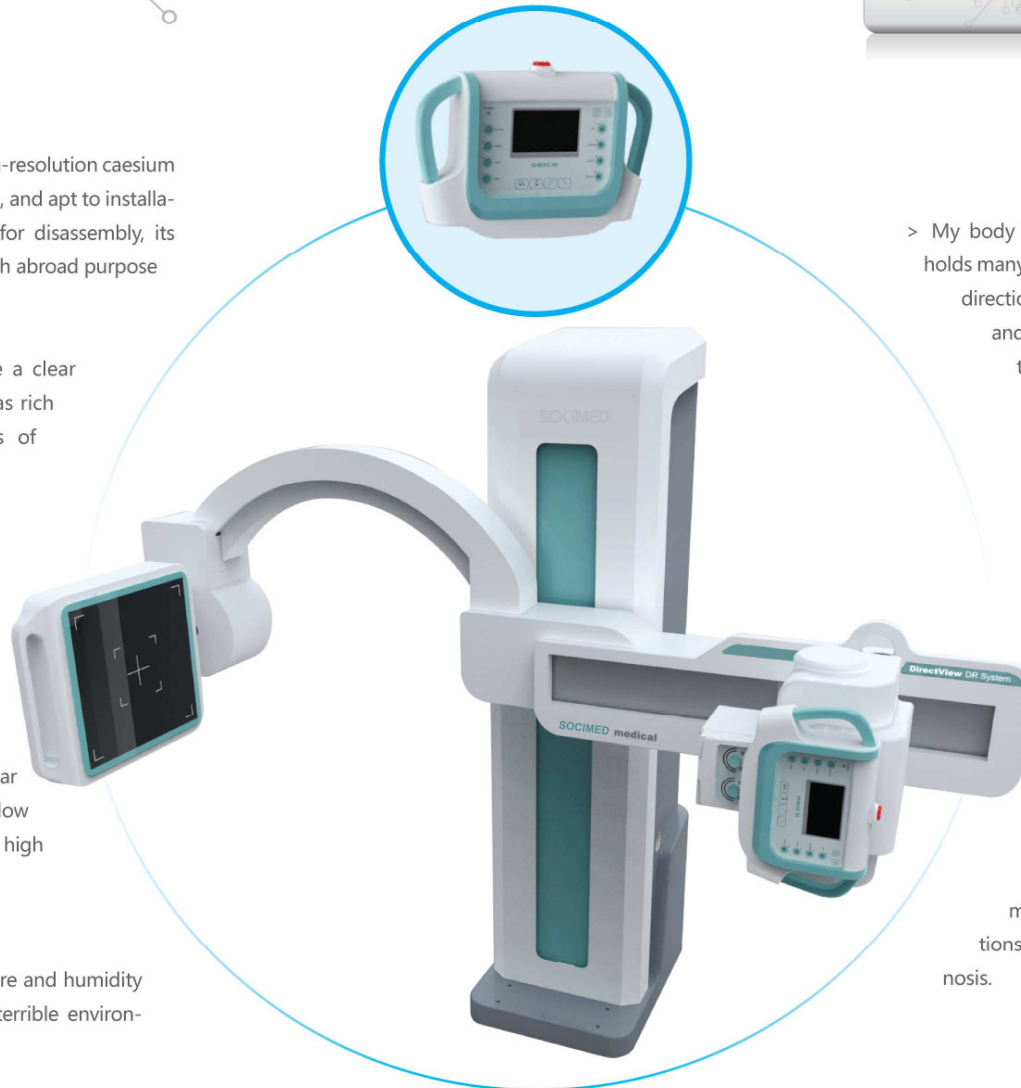
> Instantaneous exposure , acquire clear images. greatly improving the patient flow and shooting efficiency, response to high intensity work load easily.

> Strong ability to adapt the temperature and humidity to ensure it can work normally under terrible environmental conditions.

U-C Arm

> My body is advanced and flexible UC arm support, it holds many independent movable joints, which can omnidirectionally rotate, possesses maximum flexibility and ensures no dead photographing angle. Control system of whole motor frame and large-range adjustment of SID provides ideal maneuverability, which can satisfy accurately positioning demand.

> Because I have workmanlike UC arm support as well as detector and X-ray tube equilibrium system, which is convenient for use of both doctor and patient, I can carry out photographing from erect position (breast, cervical vertebra, extremity and so on), lying position (lateral position, front and back positions of lumbar vertebra, lateral position of patella and so on), sitting position and many kinds of particular photographing positions and can fully satisfy demand of clinical diagnosis.



Imaging System

> I have intelligent digital image collection and treatment system and possesses excellent human-machine interface, all items of operations are of surveyability, which makes you communicate with me easily. I have also applied advanced image collection technology and high-speed image transmission technique, which ensure to catch instantaneous image easily.

> The system has equipped with strong-function filtering software package and tissue proportionality module to provide high-quality image. At the same time, unique image optimization technique can separate image according to frequency domain, separate treatment can make details of image display perfectly.



Imaging System



> I am also provided with comprehensive solution scheme from single workstation mode to complete PACS system, I support Worklist.DICOM standard interface, which has improved working efficiency.

> You can break through spatial limitation via remote control, realize my positioning action randomly and improve working efficiency effectively.

Please use me generously and I will never feel tired. I am competent and have no complaint about many health care examination and photographing. If I am beyond my energy load due to negligence, I will turn on the red light lightly. If I become sick one day, please do not worry about me, because I can diagnose myself, and I will tell you what my problem is, so that you can repair me easily and then I will continue to serve you.



We are the professional manufacture of medical image equipment, which has finished lots of high frequency X ray machine updated to digital projects. We trust strongly: tailored Personalized updated program + high quality products and services = the DDR upgrade project with your satisfaction.

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VENTE DE CONSOMMABLES ET D'APPAREILS MÉDICAUX
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