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## Digital Stationary X Ray Machine With Double Column



## 1. X Ray Machine Parameter

Model Parameter	MCDX320	MCDX500	MCDX650
Power	32kW	50kW	65kW
Power supply	50HZ、60HZ, wire diameter >4mm <sup>2</sup> , internal resistance<0.5Ω; 20/32/50kW(220V /380V available), 65kW(only 380V).		
mA	10-400	10-630	10-800
mAS	0.4--320	0.4--1000	0.4--1000
KV	40—125kV stepping by 1kV	40—150kV stepping by 1kV	
Exposure time	0.003~6.3s(34 steps)adjustment: Increased /reduced by 1mS each time		
Focus size	Default 0.6*0.6mm/1.2*1.2mm dual focus, Toshiba (optional)		
Anode rotating	2800prm/1300kHU	8400prm/1300kHU	

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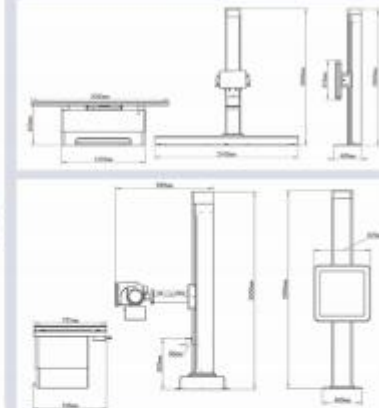
speed/Anode heat capacity		
Generator frequency	30kHz/400kHz(optional)	
Radiography table(W*L cm)	73*200cm, Move 40cm left and right, 20cm back and forth	

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## 2. Products Show

- ✓ **Factory**
- ✓ **Easy Control**
- ✓ **Simple installation**
- ✓ **OEM/ODM**

### The frame size





Logo

- ◆ 15.4 inch HQ LCD touch screen, real-time display for the tube rotation angle (details in the next picture)
- ◆ Preseted parameters for 14 human body parts
- ◆ KV, mA, S adjustable on the screen
- ◆ OEM/ODM supported



Tube angle  
90°

360°

- ◆ Tube angle: 360° rotatable
- ◆ Up & down tube movement available
- ◆ Left & right movement for both the column and the bucky



- ◆ Extra long floor rail of 2.1M long, mobile tube column & table board to get easier examination for lower limbs



Foot Switch

- ◆ Only 5.5 cm between the table board and the detector for better image
- ◆ Mobile table board in 4 directions controlled by foot switch



Separated

Connected

- ◆ Separable column and bucky
- ◆ Adjustable SID from 180cm for adults to 150cm for children
- ◆ Space-saving design for installation in rooms of only 3M wide



Manual Brake for Chest Stand

Manual Brake for X Ray Tube

- ◆ Easy to install
- ◆ Manual brake system for adjusting the chest stand and the tube to any height needed
- ◆ Only 2 minutes needed to exam 1 patient



Collimator

Control Box Connected To Generator

Tube Connected To Generator

- ◆ All ports connected (as above)
- ◆ Only 3 hours needed for installing the whole machine



◆ Remote service 7\*24 hours

### 3. Flat Panel Detector Parameter

Item	1417	1717
Flat panel detector type	Direct imaging of cesium iodide amorphous silicon (CsI+a-si+TFT)	
Imaging area	14*17 inches	17*17 inches
Pixel resolution	2560*3072	3072*3072
Pixel size	140um	140um
Imaging time	<5 seconds	<5 seconds
A/D conversion	16bits	16bits
Spatial resolution	3.6lp/mm	3.6lp/mm
Flat panel detector size	383*460*15mm	460*460*15mm
communication method	Wired, wireless (optional)	Wired, wireless (optional)
Imaging software	Professional medical software; Many languages optional; logos can be customized if	

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	order 3 units or more at a time.
Computer configuration	Intel i5 processor; 8G memory, 2G discrete graphics card, 128G solid-state hard drive + 1TB mechanical hard drive, PCI-E and Ethernet dual Gigabit network cable interface, R232 interface; 22.5-inch professional small dot pitch display; (optional laptop)

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## 4. Flat Panel Detector Show

17\*17/14\*17inch CsI+a-Si+TFT







【Simplified view of desktop computer configuration】



【Simplified view of laptop + flat panel detector】

## 5. Digital Images

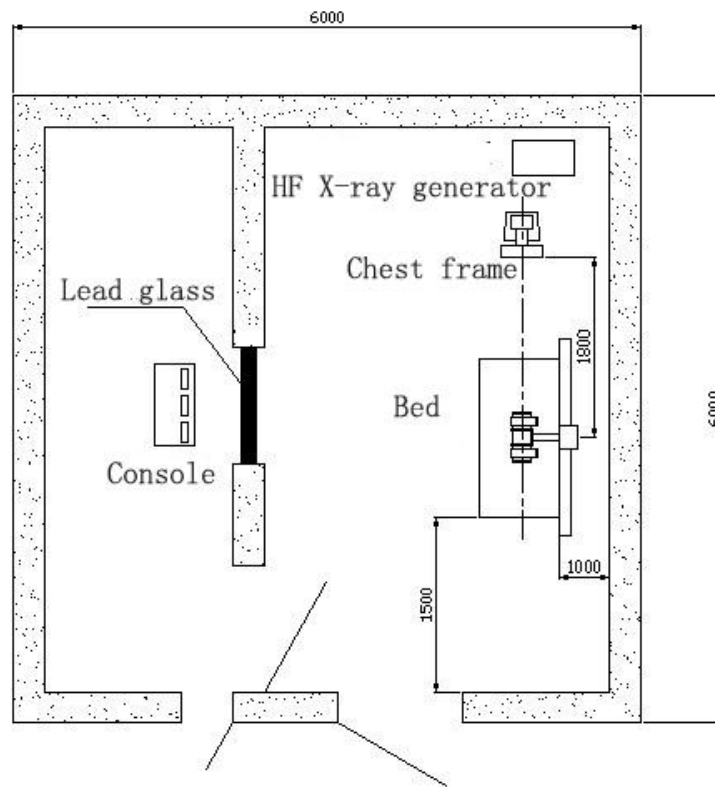
### Excellent Images



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## 6. Computer Room Installation Instructions

1. X-ray room: 20m<sup>2</sup> room is recommended.
2. Lead glass size recommended: 40\*60cm or 60\*80 cm
3. X-ray protection preparation: use barium sulfate powder or lead sheet for the wall of the room, and lead sheet for the ceiling;
4. A fan must be installed on the top to facilitate the discharge of ionized air
5. All surfaces of the x-ray room that people can reach need to be covered with lead sheet or barium sulfate powder. If it is the first floor, the ground does not need to be covered; if it is the top floor and will not polluted the environment, lead protection is not required.



【recommended size only】

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## **7.Service and Support**

1. With more than 10 years of X-ray product R&D and production experience, we can provide more cost-effective and suitable products;
2. The components of X-ray machine including flat panel detector, can be installed and debugged according to the specifications required by the customer;
3. OEM customization is available for table LOGO and software interface;
4. The x-ray table can be designed and made according to the customer's drawings, and a confidentiality agreement can be signed for the clients.