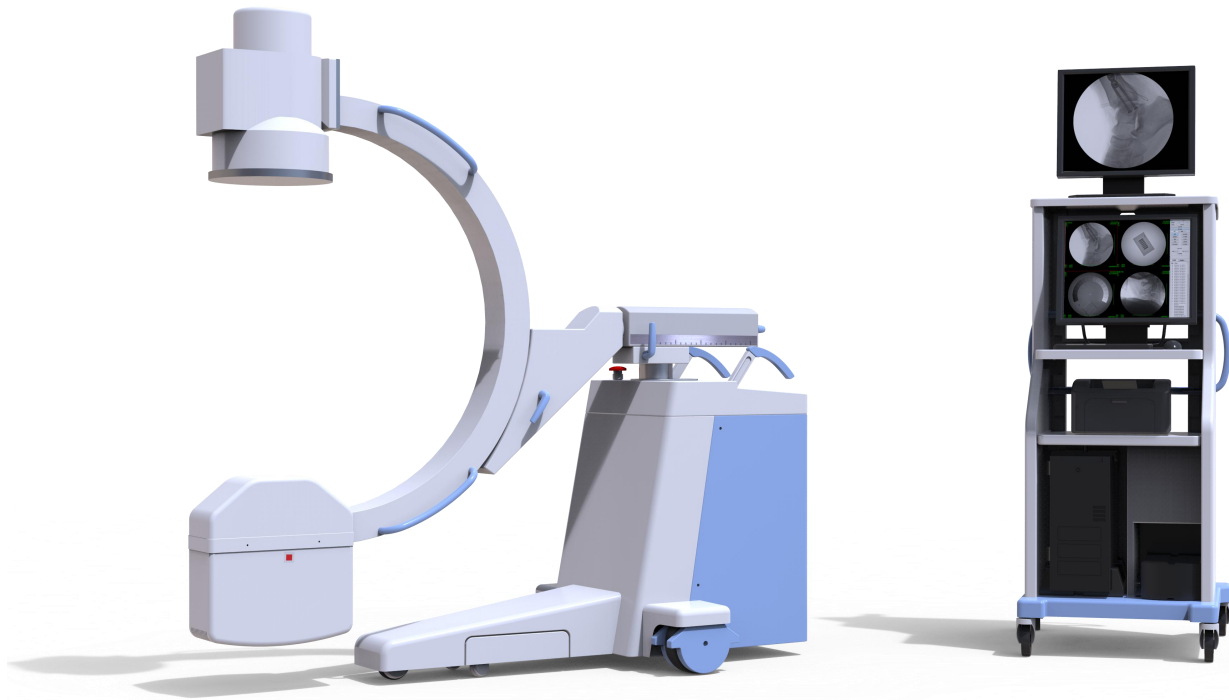




## High Frequency Mobile Digital C-Arm System Angiography X Ray System



**Packing Detail:** 2440\*1100\*1420mm, NW: 440kg GW: 575kg

### **I. Usage:**

Orthopaedics: osteopathy, diaplasis, nailing

Surgery: removing foreign body, cardiac catheter, implanting pace maker, interventional therapy, partial radiography, local photography, and other work.

### **II. Features**

1. High quality combined high frequency high voltage xray generator reduces xray dose to body.
2. With function of kV, mA automatically track (**ABS**) in fluoroscopy to make the image brightness and clearness
3. Real time continuous Pulse Fluoroscopy with low dose, but meet operation demand with clearness image
4. Human graphical LCD touch screen, intelligent and fast operation
5. A unique hand-held controller design, convenient to operate
6. Toshiba image intensifier and Medical Mega-pixels digital CCD camera, the quality is stable and reliable, and



image clarity

7. Powerful digital graphic workstation with standard configuration of DICOM 3.0 connected to network perfectly, and perfect software
8. Unique design of electric auxiliary support arm is more security for using.
9. New C-arm frame with a compact appearance, and easy to operate
10. Digital radiography with powerful processing program
11. Automatically store the last image of fluoroscopy to advantage diagnosis

### III. Configuration

No.	Item	Quantity
1	Main frame of C-arm	1
2	X-ray generator and high frequency inverted power supply	1
3	Toshiba 9" image intensifier	1
4	Medical Mega-pixels digital CCD camera	1
5	Digital Acquisition and Processing workstation	1
6	19" LCD monitor	1
7	14" high-definition Medical VGA monitor	1
8	Imported minigroove grid	1
9	Electric adjustable collimator	1
10	Hand controller	1
11	Red light cross localization	1

### IV Performance and Parameter

Category	Item	Content
Fluoroscopy/ Photography	High Frequency Inverter Power Supply	Output Power:3.5kW Inverter Frequency:40kHz
	<b>Automatic Fluoroscopy</b>	Tube Voltage: 40kV-110kV Tube Current:0.3mA-4mA automatic adjustment automatic adjustment
	<b>Manual Fluoroscopy</b>	Tube Voltage:40kV-110kV Tube Current:0.3mA-4mA continuous adjustment continuous adjustment
	<b>Pulse Fluoroscopy</b>	Tube Voltage:40kV-110kV Tube Current:0.3mA-8mA 0.1-10 Frame/s continuous adjustment continuous adjustment
	<b>Photography</b> Tube Voltage, mA, mAs	40 kV-110 kV 20-63mA 1-125 mAs
	Plate holder Size	200mm×250mm(8" × 10" )or 250mm×300mm ( 10" × 12" )
X-ray Tube	X-ray Tube Special for	Fixed anode Dual-focus: <b>0.3/ 1.5mm</b>



	High Frequency	Anode Thermal Capacity:35kJ
Video System	Image Intensifier	TOSHIBA 9" image intensifier
	CCD Video camera	Medical Mega-pixels digital CCD camera
	Monitor	14" high-definition Medical VGA monitor Horizontal 1000 lines and vertical 800 lines, FH 48kHz, FV75Hz
	Work Station Software	Storage without damage, multi-images display, image W/L real time adjustment, grayscale switch, region of interest balance, GAMMA correction, flip, noise reduction, intensifying, smoothing, sharpening, compression, zoom in, measurement, remark, picture-text typeset print, expert template, DICOM image transmit, DICOM image print, cinelooop, image imprinting, Worklist registration etc.
Structural performance	Directive wheel	Direction wheel 360°rotation, main wheel ±90°rotation
	C-arm	<b>Electric</b> Ascending & Descending of pillar movement: 400mm Forward and Backward Movement: 200mm Revolution around Horizontal Axis: ±180° Revolution around Vertical Axis: ±15° Slip on orbit: 120°(+90°~ -30°)  SID: 960mm      Opening: 750mm      Arc depth: 640mm



Comparision for YJX112 Series					
Model		YJX112/112B	YJX112C	YJX112D/E	
Image					
Price					
technique parameter	Power Output	3.5KW/5KW	5KW	3.5KW/5KW	
	Inverter Frequency	40kHz	40kHz	40kHz	
	radiography	tube voltage	40-110KV/40-120KV	40-120KV	40-110KV/40-120KV
		tube current	20-63 Ma/20-100 mA	20-100 mA	20-63 MA/20-100 MA
		mAs	1-125mAs/1-180mAs	1-180mAs	1-125mAs/1-180mAs
fluoroscopy	Automatic	40-120KV 0.3-4mA	40-120KV 0.3-4mA	40-110KV 0.3-4mA	



		manual	40-120KV 0.3-4mA	40-120KV 0.3-4mA	40-110KV 0.3-4mA
		pulse	40-120KV 4.1-8mA	40-120KV 4.1-30mA	40-110KV 4.1-8mA
tube parameter		anode type	fixed	fixed	fixed
		focus	0.3/1.5	0.3/1.5	0.3/1.5
		anode heat capacity	35KJ (47kHu)	35KJ (47kHu)	35KJ (47kHu)
		tube heat capacity	500kJ (666kHu)	650kJ (867kHu)	650kJ (867kHu)
		Image Intensifier	Toshiba 9 inch	Toshiba 9 inch	Toshiba 9 inch
		CCD	470,000 8bitWATEC(Japanese) 8bit	Mega pixel 12 bit WATEC(Japanese)	470,000 8bitWATEC(Japanese) 8bit
		Monitor	two sets 19 inch LCD screen	2 sets 19inch LCD screen, one 19 inch Medical use gray scale one display on C arm frame	1 set 14 inch CRT monitor fixed at the C arm frame and can rotate for ±135°
		Standard	human graphical touch screen DICOM3.0 workstation mega pixel cross laser position	human graphical touch screen DICOM3.0 workstation mega pixel, cross laser-position	human graphical touch screen WATEC 470,000CCD cross laser-position



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	Optional	three vision	three vision	three vision; laser position
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