

PLX112B High Frequency Mobile C-arm System (5.0 KW,100mA)



Packing Detail: 2440*1100*1420mm, 3.9 CBM . NW: 353KG, GW:538KG.

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、 With a compact appearance, and easy to operate
- 2、 Unique base electric auxiliary support arm design, it's more security for using.
- 3、 A unique hand-held controller design, convenient to operate
- 4、 With a high-quality knockdown X-ray generator to reduce radiation
- 5、 With the Perspective KV, MA automatically track fluoroscopy to make the image brightness and clearness optimum
- 6、 Toshiba image intensifier, the quality is stable and reliable, a good image clarity
- 7、 Clinical Video system with high performance,8 images storage volume, and two 14" HR monitors
- 8、 Installation of dense grain grids, to further enhance image sharpness

III Basic configurations:

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| 1. C-arm mainframe | one set |
| 2. Combined HF high-voltage X-ray generator and HF power supply | one set |
| 3. imported 9 inch image intensifier | one set |
| 4. Imported medical ultra-low illumination CCD radiography | one set |
| 5. Imported dense grain grids | one set |
| 6. Electrical adjustable beam limiting device | one set |
| 7. High-definition progressive output CCU control system | one set |
| 8.14-inch high-definition medical dedicated monitor | one set |
| 9. Unique hand-held controller | one set |
| 10. Digital workstation with 19" LCD display | one set |

IV Performance and Parameter

Category	Project	Content
Fluoroscopic Capacity	Photography Max rated capacity	5.0KW
	Fluoroscopic Max rated capacity	Tube Current 4mA, Tube Voltage 120kV
	Automatic Fluoroscopy	Tube Voltage:40kV~120kV adjust automatically Tube Current: 0.3mA~4mA adjust automatically
	Manual Fluoroscopy	Tube Voltage:40kV~120kV Continuous Tube Current: 0.3mA~4mA Continuous
	Pulse Fluoroscopy	Tube Voltage:40kV~120kV Continuous Tube Current: 4.1mA~8mA Continuous
	Photography Tube Voltage and mA	40 kV~120 kV 20-100mA
	Plate holder Size	200mm×250mm(8" × 10")or 250mm×300mm (10" × 12")
X-ray Tube	X-ray Tube Special for High Frequency	Fixed anode Dual-focus, small focus: 0.3, Inverter Frequency: 40KHz
Video System	Image Intensifier	Image Intensifier made by TOSHIBA (9",6",4.5")
	CCD Video camera	Ultra low-light CCD camera imported from Japan
	Monitor	Horizontal 1000 lines and vertical 800 lines, Bandwidth : 12.5MHz, 50bit Image/sec : 25
	Mega-pixel CCU	Real-time acquisition, continuous adjustable recursion, many images storage, up and down image, left and right image, image patching, LIH (last image freeze)
	Workstation software	Image W/L adjust, grayscale conversion, interest area balance, turn, noise reduction, enhancement, smoothing, sharpening, compression, zoom, measure, mark, print layout, Dicom image sending, Dicom image print and movie playback, etc.
Structural performance	Directive wheel	±90°revolution, can freely change the moving direction of the unit.
	Ascending & Descend	≥400mm
	C-arm	Forward and Backward Movement: 200mm Revolution around Horizontal Axis: ±180° Revolution around Vertical Axis : ±15° Focus screen distance:960mm C-arm opening: 760mm C-arm arc depth: 640mm Slip on orbit: 120°(+90°~ -30°)