

*Highly Dynamic Images  
Make Your Diagnose More Accurate*



- ※ High-frequency generator deliver the power you need for all the typical applications in spine surgery, orthopedics, traumatology, urology and pain management.
- ※ Unique design of large thermal capacity (>1000kJ) with advanced heat dissipation technology, allows for clear images, even for long or repeated procedures.
- ※ High-resolution CCD camera with 1K × 1K image matrix, over 4000 shades of gray, realizes more accurate diagnose.
- ※ Advanced digital working station with versatile image post-processing functions .
  - Advanced functions of Images optimization, strengthen module, real-time displaying the clear clinical images.
  - Professional working station has more image post-processing functions such as the image W/L adjustment, region of interest balance, GAMMA correction, flip, noise reduction, smoothing, sharpening etc.
- ※ Two monochrome 19" flat-screen monitors clearly visualize the smallest anatomical details.
- ※ Reduce the X-ray radiation to the minimum, care for operators and patients health

**Technical Parameters**

Items	PLX7000A
High frequency	Power output: 6.0kW
Inverter power supply	Inverter Frequency: 60 kHz
Automatic & Manual Continuous Fluoroscopy	Tube voltage: 40kV~125kV adjust continuously
	Tube current: 0.3mA~4mA adjust continuously
Automatic & Manual Enhanced Fluoroscopy	Tube voltage: 40kV~125kV adjust continuously
	Tube current: 0.3mA~8mA adjust continuously
Photography tube voltage tube current	40kV~125kV 120mA
X ray tube	Rotary anode focus 0.3/0.6 mm
	Anode thermal capacity: 212kJ



***PLX7000A***  
High Frequency Mobile Digital C-arm X-ray System

*Intelligent control system make the operation more efficient and easier than ever before*

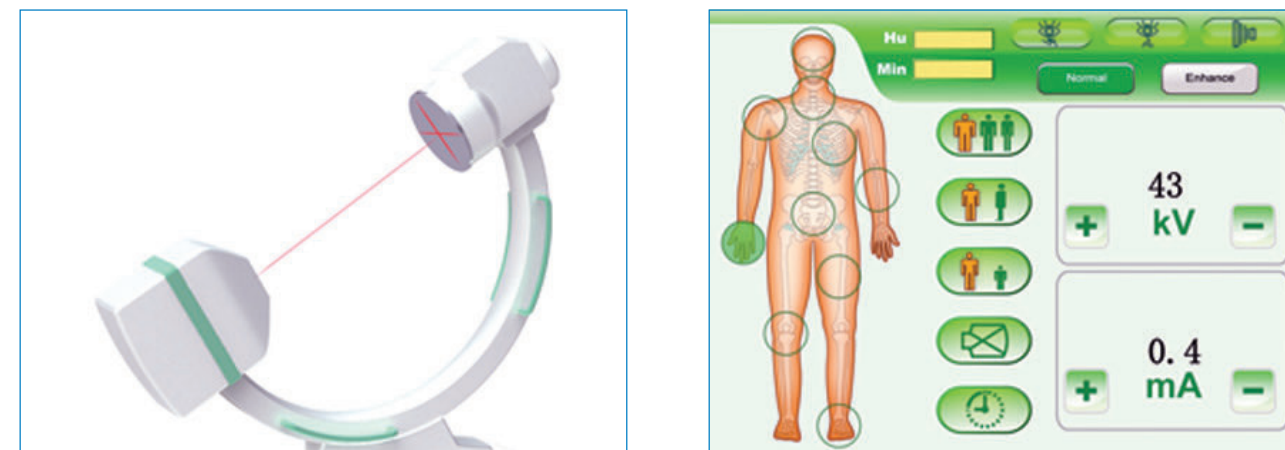
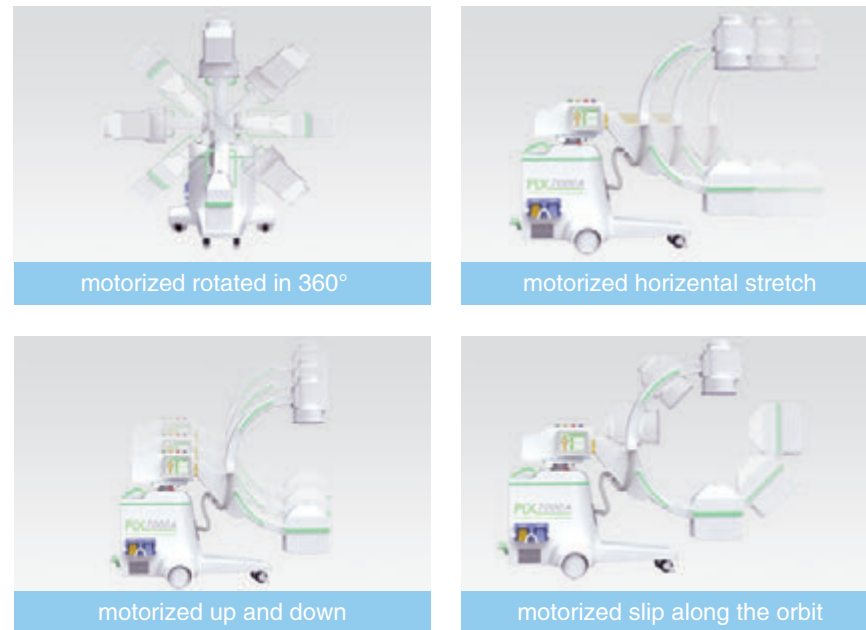


- ※Hand controller on C-arm stand: control the mechanical and collimator movement, improve your workflow even you are away from the unit.
- ※Hand controller on the work station trolley: select the mode of fluoroscopy.
- ※Synchronized dual touch-screen panels mounted on C-arm stand, with intuitive user interface and APR parameters setting, make the exposure control at your hand all the time.
- ※Four dimensional movement motorized movement for easy and accurate positioning.



*Reduce the radiation injury to doctors and patients to minimum*

- ※Short, sharp pulses for clear images and the radiation exposure for the operators and patients can be reduced to a minimum.
- ※Motorized iris collimator with multi-leaf, supports high accuracy for selected x-ray field size.
- ※Crosshair overlay corresponding with laser light, designed for easily checkpoint location before operation, avoiding unnecessary exposure.
- ※Professional remote controller for exposure, allows operators retreating to X-ray exposure.
- ※Professional storage system for single and continuous images, reducing the repeatability of the exposure.
- ※The wide opening and depth of the arc make for precise alignment with minimum interference with the operating area.
- ※Double rotatable flat-screen monitors on the trolley, clearly visualize the smallest anatomical details even at an angle.



*Integrated digital image workstation realize the network integration*

- ※A high performance imaging workstation and image processing system servers you a convenient interface for integration with network.
- ※Work-list registration for seamless integration in your hospital environment.
- ※Dicom 3.0 network interface for integration with PACS or RIS.
- ※CD burning for easy image transfer

