

Powerful mobile C-arm machine designed for a wide range of applications in orthopedics, neurosurgery, pain management, and emergency room. With high frequency generator, it offers fine definition image with low dose. It brings to our users with unparalleled experience for operation when using the C-arm for orthopedic surgery and intervention operation.

## YJ-DC5KW/DC15KW

### C-arm series Digital Fluoroscopy System

#### Technical Parameters

Model	YJ-DC5kW	YJ-DC15kW
Power Output	5kW	15KW
Radiography Current	0.1-100mA	0.5-150mA
Radiography Voltage	40kV-125kV	40kV-125kV
mAs	0.2-100mAs	0.2-100mAs
Continuous mA	0.3-6.3mA	0.3-6.3mA
Focus Size	0.3/0.6	0.3/0.6
Detector Type	Flat Panel Detector	
Vision Size	9*9"	
A/D Conversion	16 bits	
Spatial Resolution	2.5 lp/mm	
Pixel Size	1024X1024	
Maximum fps	30	

- 210mm x 210mm flat panel detector for distortion-free imaging
- laser localizer

Ultra-wide 34" LCD HD Monitor which shows live images

820mm free space

5 kW Powerful generator

High performance rotating anode X-ray tube



High performance with excellent image quality thanks to a-Si detector. The 210mm x 210mm image sensor has direct deposition CsI, which provides excellent low-dose imaging at frame rates up to 30 fps. When integrated into mobile C-arm fluoroscopic X-ray system, it is ideal for vascular or surgical applications.



- ◆With a compact appearance, and easy to operate.
- ◆High -frequency generator emits high-quality and hard x-rays with strong penetrability.
- ◆21cm\*21cm flat panel detector, which has bigger image size than image intensifier.



- ◆Amorphous silicon flat panel makes the surgery more accurate for the clinical operation due to high density resolution and spatial resolution.
- ◆High stability oil-cooled heat-resistant combined tube, support long-time image acquisition in surgery, satisfy the requirement of long-time operation.
- ◆34" monitor project real-time video and reference images simultaneously for quicker diagnosis and inference .



- ◆Microcomputer control system with self-diagnostic function and automatic protection.
- ◆Modular design offers error codes and reset button.
- ◆Double CPU control improves the stability and safety of the equipment.

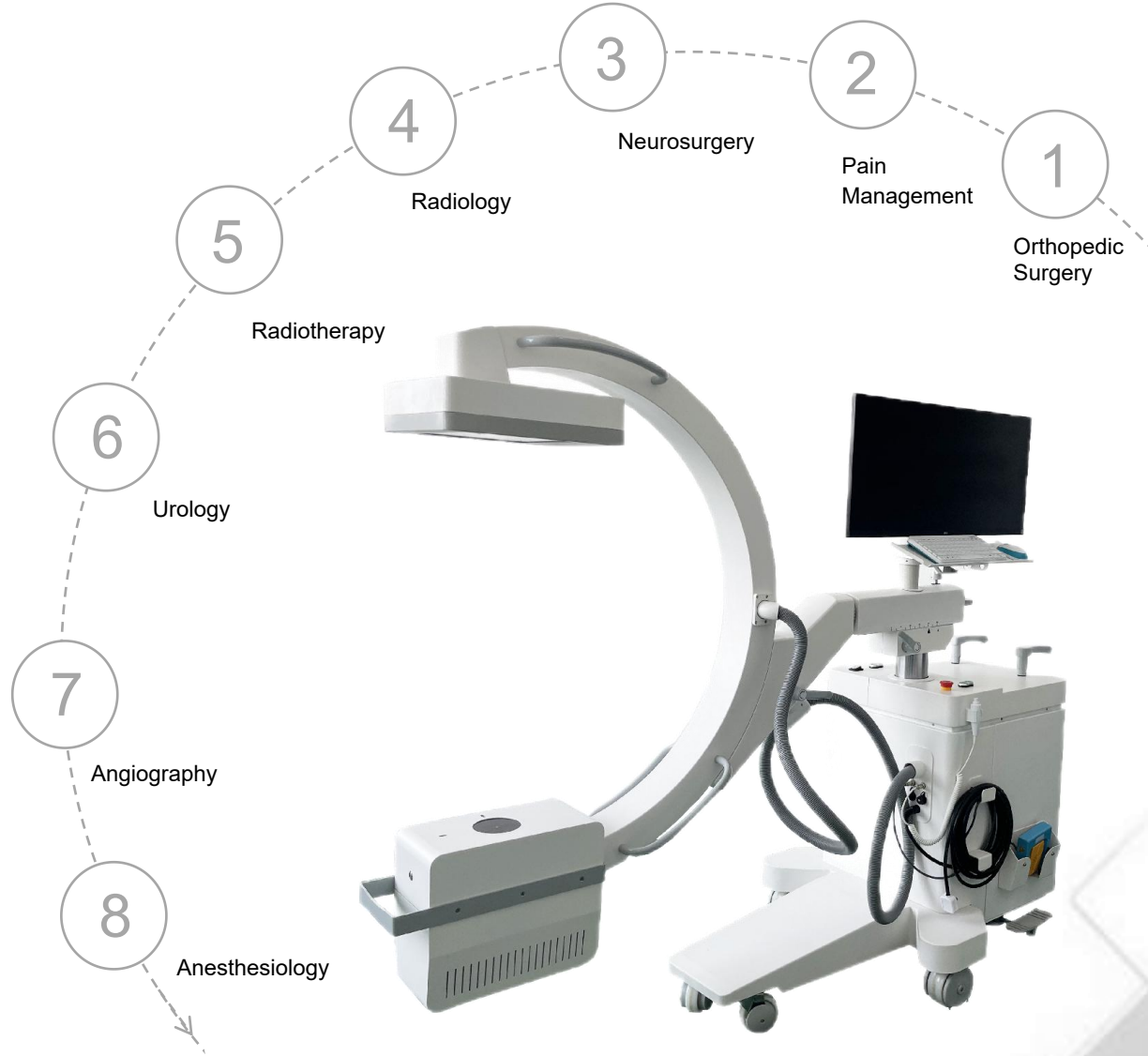


- ◆Large opening design provides larger free diagnosis spaces, and maximizes the efficiency of surgery environment.
- ◆Hand switch, foot switch and remote control make sure that you could do exposure inside and outside the operating theatre.
- ◆PACS connectivity with DICOM 3.0 is convenient to send, receive and print images..



## SUPERIOR IMAGE QUALITY

In the tension-filled surgical arena where life is at risk there is no room for guesswork, no room for error no time to waste. Prompt diagnosis, situational awareness and precise interpretation are imperative. The exceptional image quality and unparalleled processing speed of the C-arm has been independently verified and its ease of operation is unique. Fast, efficient, accurate, when nothing less will do!



Clinical pictures

