



Forever Medical

DIGITAL MOBILE X-RAY MACHINE

YJ-X5100



Mobile X-ray machine + Flat panel detector + Workstation (Portable computer/Perlove software)

**Package : 1500*750*1480mm Net Weight: 155Kg
Total 1.67CBM Gross Weight : 255Kg**

Henan Forever Medical CO., LTD



PRODUCT DESCRIPTION

Product Usage

YJ-X5100 is a high frequency mobile flat-panel digital X-ray radiography system, suitable for radiology department, orthopedics, ward, emergency room, operating room, ICU and other departments. With flexible movement, easy operation, high efficiency, to meet the radiography for all of human body's parts, such as head, limbs, chest, spine, lumbar vertebrae, abdomen, etc.



Chest image



Knee



Ankle



C-spine LAT



C-spine AP



Vertebral column



Product Specification

1. Generator output: 5.0 kW
2. kV range: 40 kV - 120 kV in 1kv steps
3. mA range: 25~103 mA
mAs: 1.0-180mAs
4. Exposure time: 4 films per min, less than 20 ms per film
5. X-ray tube: Stationary anode tube with a focal spot of 1.5*1.5 mm
6. Collimator: Bright field light beam collimator with 120 W halogen lamp and auto shut-off facility.
7. Power requirements: Single phase 220 V +/- 10% Voltage tolerance; 50 Hz power supply
8. Mobile stand: Light-weight, low height mobile and easily maneuverable stand.
9. The mobile radiographic unit also include a handheld control and a microwave wireless remote control for the 20-meter microwave remote Without the restriction of Barriers and directional, different from the infrared remote control . Grids reduce the fog line filters and raise the degree of scattering contrast.
10. The unit is provided with a line (power) cord of acceptable durability, quality, length and is secured with adequate strain reliefs
The unit include, power plugs that are sufficient for the maximum voltage and current of the unit.
11. The maximum distance from the ground: $\geq 2000\text{mm}$, and minimum distance from the ground: $\leq 500\text{mm}$. Rotating around the horizontal axis 180° , rotation around the vertical: $\pm 90^\circ$, the collimator can rotate 180° , column can rotate $\pm 90^\circ$.

Product Advantages

1. Monoblock

- ★ High frequency and High voltage monoblock, 15 years experiences, make sure the stability quality.
- ★ 50kHz inverter frequency, good x-ray quality, low dose, world top-level technology.
- ★ Thermal capacity 500KJ, long time continuous exposing.
- ★ With digital closed loop control technology and fault alarm function

2. Exposure Controller

- ★ Hand controller -- wired exposure
- ★ Microwave controller -- wireless remote, within





10 meters

3. Flat Panel Detector

★ Whole-plate non-spliced, cesium iodide + amorphous silicon flat-panel detectors derive from the world's leading technology, which greatly improves performance.

- ★ Version Scope: 14" x 17"
- ★ Spatial resolution: 3.7Lp/mm
- ★ Pixel size: 150 μ m
- ★ Output gray scale: 16bit

4. Self Balance Function

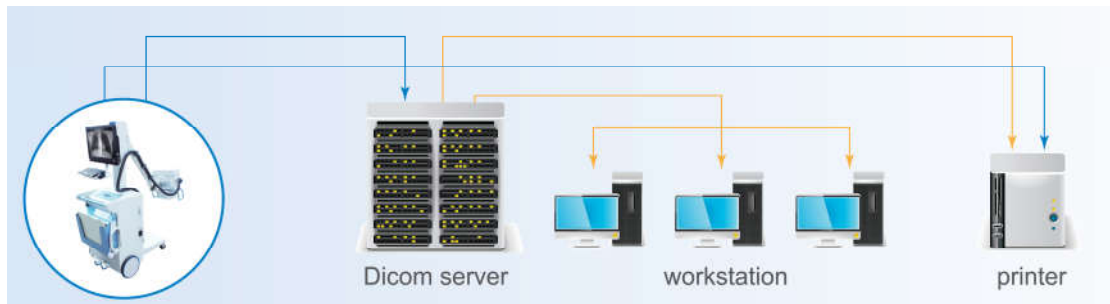
★ The support arm can stop at any position, that's our self balance technology, easy operation.



5. Networked device: high quality image and output information system

★ The networking functions of PLX5100 include: Dicom storage, Dicom film printing, Dicom film transfer.

★ It has standard DICOM 3.0 interface, supporting film printing, output, storage, barrier-free docking hospital PACS system.



6. Workstaion:

- Workstation model: IC12A
- CPU model: \geq i3
- Memory capacity: \geq 4GB
- Hard drive capacity: \geq 500GB





7. High Quality Clinical Images

