

PLX101D High Frequency Mobile X-ray Equipment



Standard configurations:

- | | |
|--|---------|
| 1. Combined high-frequency high-voltage X-ray generator and high-frequency inverter power supply (5KW, 120KV, 100mA, 40 kHz) | one set |
| 2. New mobile X-ray photography mainframe | one set |
| 3. Mobile X-ray photography control system | one set |
| 4. Symmetrical adjustable beam limiting device with light source | one set |
| 5. Remote control | one set |
| 6. Large-capacity high-performance rechargeable battery, charging and discharging system | one set |
| 7. Spare parts (See spare parts list for detail information) | several |

Usage:

The machine is combined high-frequency X-ray photography diagnostic equipment, which is used in radiology, orthopedics, wards, emergency rooms, operating rooms, and ICU, etc. It is mobile diagnostic equipment which can make radiography on human body, such as head, limbs, chest and spine. The machine is especially suitable for photography without power supply, such as

special outdoor environment and emergent incidents.

Specifications:

Power Output: 5KW

Main Inverter frequency: 50 KHz

X-ray Tube: fixed anode focus: 1.5 (X-ray tube for high frequency)

Tube Voltage: 40kV~~120KV (interval 1KV)

Tube Current: 25mA~~100mA

40~49kV	100mA	1~180mAs
50~59kV	77mA	1~140mAs
60~69kV	64mA	1~125mAs
70~79kV	55mA	1~110mAs
80~89kV	49mA	1~100mAs
90~99kV	44mA	1~80mAs
100~109kV	32mA	1~63mAs
110~120kV	25mA	1~50mAs

mAs 1.0~180mAs (46steps)

Power Supply: 220V±10% 50Hz Inner-resistance ≤1.0Ω

Operation Method: Wire/wireless control

Features:

1. With new design of compact appearance and flexible movement, it owns all the advantages of high frequency mobile x-ray photography machine.
2. It adopts the patent technology of automatic and single-arm support. The appearance is more beautiful and operation is more convenient.
3. With high frequency inverter to emit high quality X-ray and low dose on skin, and ensure excellent definition and contrast of pictures
4. With techniques of KV analog closed loop control, mAs digital closed loop control and micro-processing real-time control to ensure precision and repeatability of the dose.
5. With kV, mAs two button adjustment, LCD display, multifunction of safety guard.
6. With 50 preset exposure programs, and can be modified and stored by the user for convenient operation.
7. With a high-quality knockdown X-ray generator to reduce irradiation, it is much safer to environment and operator.
8. With fault automatic protection setting and fault alarming display
9. The system can keep parameters automatic, in case losing data.

10. With a rotating beam limiting device to adjust the X-ray field and angle, so it can ensure accurate radiography results.

11. With high kV function, it has wide using range and good effect of photography.

12. The rocker can whirl to left and right in $\pm 90^\circ$, so photography polarization is convenient and swift.

13. With high-performance high-capacity chargeable battery, it can take 200 films without power supply for once charging. The machine is especially suitable for photography without power supply, such as special outdoor environment and emergent incidents.

14. Manual control and remote control are used to expose. Wireless remote exposure control can penetrate barriers, which makes operation more convenient.