

PLX101A High Frequency Mobile X-ray Equipment



Standard configurations:

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| 1. Combined high-frequency high-voltage X-ray generator and high-frequency inverter power supply (3.5kW, 110kV, 40 kHz) | one set |
| 2. New mobile X-ray photography mainframe | one set |
| 3. Mobile X-ray photography control system | one set |
| 4. Rotating beam limiting device | one set |
| 5. Remote control | one set |
| 6. 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.

Specifications:

Power Output: 3.5KW

Main Inverter frequency: 50 KHz

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

Tube Voltage: 40kV~~110KV (interval 1KV)

Tube Current: 20mA~~63mA

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|------------|------|-----------|
| 40-49KV | 63mA | 1~~125mAs |
| 50-59KV | 55mA | 1~~110mAs |
| 60-69KV | 45mA | 1~~90mAs |
| 70-79KV | 40mA | 1~~80mAs |
| 80-89KV | 36mA | 1~~71mAs |
| 90-100KV | 32mA | 1~~63mAs |
| 100~~110kV | 20mA | 1~~40mAs |

mAs: 1.0~~125mAs (43Steps)

Power Supply: 220V/110V \pm 10% 50/60HZ Inner-resistance \leq 1.0 Ω

Operation Method: Wire/wireless control

Features:

1. With compact appearance, flexible movement
2. With high frequency inverter to emit high quality X-ray and low dose on skin, and ensure excellent definition and contrast of pictures
3. 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.
4. With kV, mAs two button adjustment, LCD display, multifunction of safety guard.
5. With 50 preset exposure programs, and can be modified and stored by the user for convenient operation.
6. With a high-quality knockdown X-ray generator to reduce irradiation, it is much safer to environment and operator.
7. With fault automatic protection setting and fault alarming display
8. The system can keep parameters automatic, in case losing data.
9. With a rotating beam limiting device to adjust the X-ray field and angle, so it can ensure accurate radiography results.
10. With dual safety locking functions in rocker, so it's safe to use.
11. With cassette storage box, it's convenient for medical staff.
12. Manual control and remote control are used to expose. Wireless remote exposure control can penetrate barriers, which makes operation more convenient.