



Forever Medical

YJX101 High Frequency Mobile X-ray Equipment (2.5 KW, 50mA)



Packing Detail: 1220*900*1460 mm, 1.7CBM; NW: 135 KG GW: 200KG

I. Application

The machine is Combined X-ray photography of medical diagnostic equipment, application for wards, emergency rooms, operating rooms, ICU, etc. It can be used for human body head, limbs, chest, waist and abdomen and many other parts.

II. Specifications

Power Output : 2.5KW
 Frequency : 50KHz
 X-Ray Tube : Fixed anode Focus : 1.5mm
 Tube Voltage : 40-100 KV (Step 1KV)
 Tube Current : 25-50 mA
 mAs : 1.0~160 mAs (45 steps)

40-49KV	50 mA	1-160 mAs
50-59KV	42 mA	1-160 mAs
60-69KV	36 mA	1-140 mAs
70-79KV	31 mA	1-125 mAs
80-89KV	28 mA	1-100 mAs
90-99KV	25 mA	1-80 mAs

Power Supply : 220V±10% 50Hz inner-resistance≤1.0Ω
 Operation Method : Wire/Wireless control.

20 meters microwave remote control exposure. (Advantage) It is different from infrared remote control exposure, does not suffer any obstacles in the way.

III. Standard Configuration

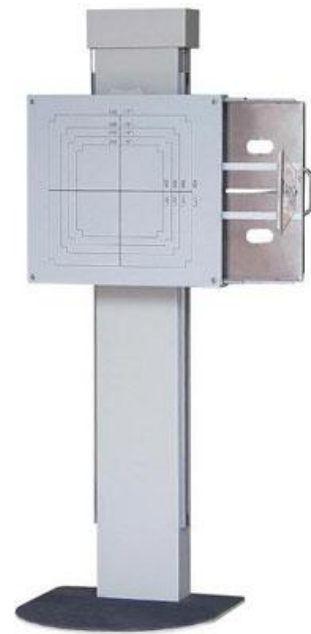
No.	Item	Quantity
1	Combined X-ray generator and high frequency inverted power supply	1
2	New main frame of Mobile X-ray system	1
3	X-ray equipment control system	1
4	Symmetry adjustable collimator with light	1
5	Remote control	1

IV. Features:

1. Structure using ergonomic design, compact appearance, convenient operation
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. High-quality knockdown X-ray generator to reduce irradiation is much safer to environment and operator
7. With a symmetrical beam applicator to adjust the X ray field and a collimator lamp to locate the field to ensure accurate radiograph.

V. Options:

1. PLX152 Table for Mobile X ray Equipment
(2000×700×500mm, cassette movement: 1680mm)
2. Upright Bucky Stand





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VI.Specifications:

Model	YJX102	YJX101	YJX101A	YJX101C	YJX101D
Image					
Output Power	3KW	2.5KW	3.5KW	5KW	5KW
Inverter Frequency	Full-Wave Rectifier	50KHZ	50KHZ	50KHZ	50KHZ
Tube Voltage	40-90KV	40-100KV	40-110KV	40-120KV	40-120KV
Tube Current	15mA 30mA 50mA	25mA-50mA	20mA-63mA	25mA-100mA	25mA-100mA
mAs	0.1-6.3s	1.0-160mAs(45steps)	1.0-125mAs(43steps)	1.0-180mAs(46steps)	1.0-180mAs(46steps)
Power Supply	220V±10%,50HZ	220V±10%,50HZ	220V±10%,50HZ	220V±10%,50HZ	220V±10%,50HZ
	≤1.0Ω	≤1.0Ω	≤1.0Ω	≤1.0Ω	≤1.0Ω
Anode Type	Fixed Anode	Fixed Anode	Fixed Anode	Fixed Anode	Fixed Anode



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Focal Point	2.6mm	1.5mm	1.5mm	1.5mm	1.5mm
Anode Heat Capacity	35KJ (47KHU)	35KJ (47KHU)	35KJ (47KHU)	35KJ (47KHU)	35KJ (47KHU)
Tube Heat Capacity	480KJ (639KHU)	460KJ (613KHU)	500KJ (666KHU)	500KJ (666KHU)	500KJ (666KHU)
Dimensions	120cm * 62cm * 130cm	120cm * 62cm * 130cm	120cm * 62cm * 130cm	120cm * 62cm * 130cm	135cm * 64cm * 160cm
Net Weight	150kg	150kg	150kg	150kg	270kg
SID	500mm-1750mm	500mm-1750mm	500mm-1750mm	500mm-1750mm	500mm-2000mm
Horizontal Axis Rotation	180°	180°	180°	180°	180°
Vertical Axis Rotation	90° ~-30°	90° ~-30°	90° ~-30°	90° ~-30°	90° ~-30°
Beam Limiting Device Rotation	NO	180°	180°	180°	180°
Stand Column Rotation	NO	NO	NO	NO	±90°
Supporting Arm	Two-arm Supporting	Two-arm Supporting	Two-arm Supporting	Two-arm Supporting	Single-arm Supporting
Power Supply Mode	Joint the Power Line	Joint the Power Line	Joint the Power Line	Joint the Power Line	Built-in Battery
Operating Mode	Wire/Wireless control	Wire/Wireless control	Wire/Wireless control	Wire/Wireless control	Wire/Wireless control
Operation Panel	Knob Type	Two-Button Type	Two-Button Type	Two-Button Type	Two-Button Type



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Standard Configuration	20m Microwave Remote Controller
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Remark:

- 1.Quotation is based on EXW price in USD. Valid for 30 days.
2. if voltage stablizer needed pls note us in advance.
- 3.Warranty for 12 months , lifetime maintenance.
- 4.Payment by T/T 100% in advance.