

## Portable X-ray unit

# PORTA 100HF

JOB's 30 years of expertise, beginning with design and manufacturing of high-quality power supplies, has been distilled into a reliable all-in-one portable X-ray unit

**LONG SELLER**

**Made in Japan**



for Human  
Use

### Features

- Compact and light weight**  
All-in-one unit, including an X-ray generator, collimator and control circuit  
Easy to carry size and weight, only 158 (H) x 161 (W) x 291 (D) mm (without handle) and approx. 8.8 kg
- Portable**  
Easy to transport to a patient outside the hospital  
Allows X-ray imaging of different parts of the body
- High output**  
Up to 100kV 2kW output
- Quick setting**  
kV and mAs can be quickly changed by dual rotary knobs  
8 pre-set programs enable the most suitable imaging for the patients  
Ready to use soon after power on  
Very little wait between X-ray shots
- Reliable**  
Based on JOB's reliable technology for X-ray imaging in various fields  
The high-quality X-ray tube is made in Japan  
The inverter-controlled generator provides stable X-ray output  
Sufficient performance

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## Specifications

Rating	30 mA / 40 – 66 kV / 0.3 – 20 mAs
	20 mA / 68 – 100 kV / 0.3 – 20 mAs
Generator	Inverter control type, 2 kW output
kV selection	40 -100 kV (2 kV steps)
	Rotary knob with 7-segment LED digital display
mAs selection	0.3 – 50 mAs (total 32 settings)
	0.3 - 2.0 (in 0.1 steps), 2.5, 3.2, 4.0, 5.0, 6.4, 8.0, 10, 12, 16, 20, 25, 32, 40, and 50 mAs
X-ray tube	Focal spot: 1.2 mm
	Anode heat storage capacity: 14 kJ (20 kHU)
	Target angle: 16 degrees
Total filtration	2.5 mm Al
Collimator	Field lamp with 30 second time
	Cross indication lines
Hand switch	2 steps, demand type with coiled cable (3 m long at full extension)
AC cable	3 m
Power requirements	100 - 120VAC/ 30A or 200 - 240VAC/ 16A
Ambient conditions	Temperature: 10 - 40°C
	Operation Relative humidity: 30 - 85% (Non condensing)
	Atmospheric pressure: 700 – 1060 hPa
Transportation and storage	Temperature: -10°C - 60°C
	Relative humidity: 30 - 85% (Non condensing)
Compositions	Atmospheric pressure: 700 – 1060 hPa
	Main unit, AC cable, Hand switch, Carrying case, User manual