

Portable X-ray unit

PORTA 120HF

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 Veterinary use
220-240VAC only



Direct anatomical selection buttons

Features

Compact

All-in-one unit, including an X-ray generator, collimator and control circuit
Easy to carry size and weight, only 160 (H) x 203 (W) x 350 (D) mm (without handle) and approx. 14.4 kg

Portable

Can be transported to the animal
Allows X-ray imaging of different parts of the animal

Powerful output

Max. 120kV 5kW output

Quick setting

Direct anatomical selection buttons for 14 parts
Pre-set programming function* for the most suitable imaging (*): 14 different parts, selection of 6 animal sizes, 2 directions: vertical or lateral, and exposure data (kV/mAs)
Dual laser beam pointer for quick positioning
Ready to use soon after power on
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 – 100 mA / 40 – 120 kV / 0.3 – 100 mAs
Generator	Inverter control type, 5 kW output
kV selection	40 –120 kV (1 kV steps) Sheet key switches with 7-segment LED digital display
mAs selection	0.3 – 100 mAs (total 26 settings) 0.3 – 0.6 (in 0.1 steps), 0.8, 1.0, 1.3, 1.6, 2.0, 2.5, 3.2, 4.0, 5.0, 6.3, 8.0, 10, 13, 16, 20, 25, 32, 40, 50, 63, 80 and 100 mAs Sheet key switches with 7-segment LED digital display
X-ray tube	Focal spot: 1.8 mm Anode heat storage capacity: 28 kJ (40 kHU) Target angle: 16 degrees
Total filtration	2.5 mm Al
Collimator	Field lamp with 30 second time Cross indication lines Dual laser beam pointer
Hand switch	2 steps, demand type with coiled cable (2.5 m long at full extension)
AC cable	6 m
Power requirements	200 - 240VAC/ 40 A max. Temperature: 10°C - 40°C
Ambient conditions	Operation Relative humidity: 30 - 85% (Non condensing) Atmospheric pressure: 700 - 1060hPa Temperature: -10°C - 60°C
Transportation and storage	Relative humidity: 30 - 85% (Non condensing) Atmospheric pressure: 700 – 1060hPa
Compositions	Main unit, AC cable, Hand switch, Carrying case, User manual