IONICS

HF X-RAY GENERATOR FOR VETERINARY

5kW / 10kW / 15kW (XRV5 / XRV10 / XRV15)

The HF Mobile X-ray Generator consists of an inverter and oil-filled tank which houses the high voltage transformer and tube. It has been designed and developed for OEM application in Radiography for veterinary application. The high radiation output allows for lower kV per exposure, shorter exposure and superior imaging.

Features:

- ❖ Compact & light weight
- ❖ Reduction in dose
- ❖ Superior Imaging
- ❖ Tablet / Keyboard /touch-Screen Control
- ❖ Easy Serviceability
- ❖ OEM Customization Available

TECHNICAL SPECIFICATIONS			
PARAMETER	**SPECIFICATION**		
Input Voltage	230V ±10% AC, 50Hz, single phase		
Maximum Output Voltage & Power	**XRV5(5kW)** 50mA at 100kV 100mA at 50kV	**XRV10(10kW)** 80mA at 120kV 250mA at 40kV	**XRV15(15kW)** 125mA at 120kV 300mA at 50kV
HF Generator Frequency	80kHz		
Ripple at the Maximum Power	<2%		
Rise Time to Maximum Power	<3ms		
Protections	Over Voltage, Over Current, Over Temperature, Filament Fault, Earth Fault, Rotor Fault, Inverter Fault.		
Application	Intensive care units and radiology department		
kV Range	40kV to 100kV for 5kW 40kV to 120kV for 10kW & 15kW		
mA Range	20mA to 300mA		
Modes	APR & Manual		
mAs	0.1 to 50mAs		
Exposure Time	4ms to 5sec		
User Interface	Keyboard with microcontroller-based control		

For any queries or customization requests contact us at info@ionics.co.in
For product line information visit us at www.ionics.co.in