

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 intensive care units. The high frequency 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

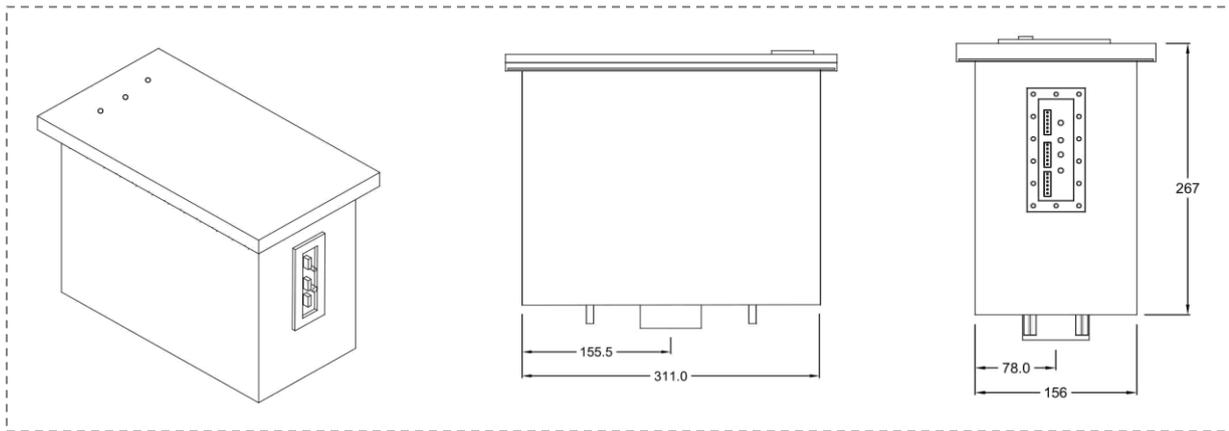


TECHNICAL SPECIFICATIONS

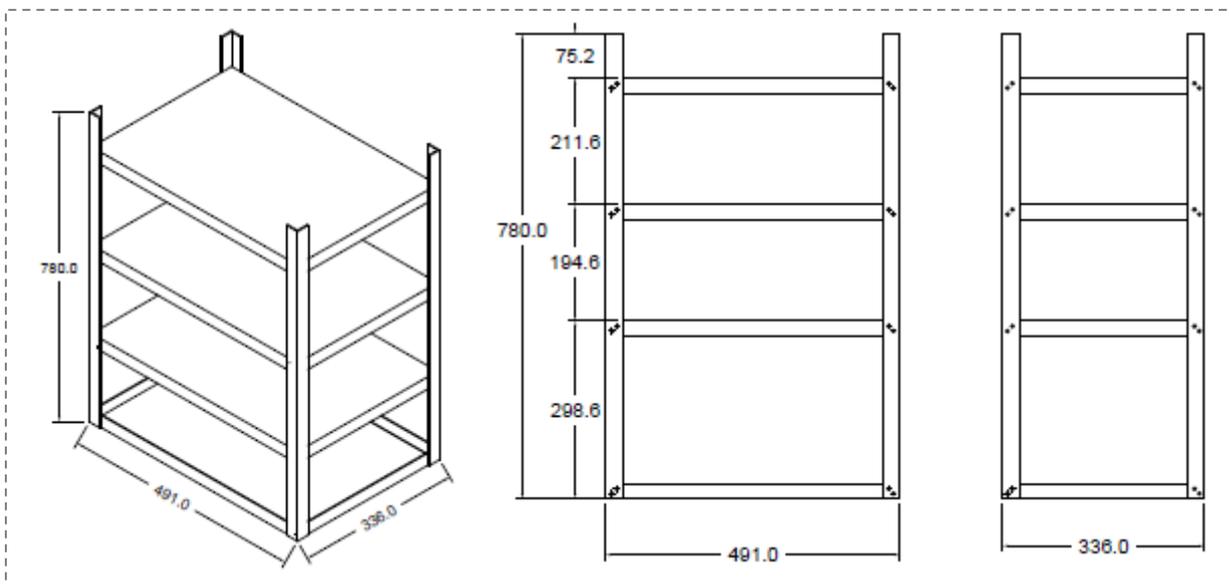
PARAMETER	SPECIFICATION	
Input Voltage	230V ±10% AC, 50Hz, single phase	
Model (Maximum Power)	XRM10 (10kW)	XRM15 (15kW)
Maximum Output Power*	40kV at 250mA 120kV at 80mA	50kV at 300mA 120kV at 125mA
HF Generator Frequency	80kHz	
Protections	Over Voltage, Over Current, Over Temperature, Filament Fault, Earth Fault, Rotor Fault, Inverter Fault.	
Application	Intensive care units and Radiology department	
kV Range	40kV to 120kV (80 steps)	
mA Range	25mA to 250mA / 300mA (Depends on power)(8 Steps)	
Modes	APR & Manual	
mAs	0.1 to 200mAs in 31steps	
Time	4ms to 5sec (Depends on capacitor bank)	
User Interface	Keyboard or Touch screen tablet with microcontroller-based control	
Housing	Monoblock	Contains high voltage transformer, X-ray tube & filament transformers floating on high voltage
	HF Inverter	Contains inverter, control & filament cards, rotor circuit, transformers and other interlocks.
Size (LxWxH)	Monoblock	311mm x 156mm x 267mm
	HF Inverter	491mm x 336mm x 780mm
Weight	Monoblock	25 Kgs
	HF Inverter	45 Kgs

*Higher exposure time available for higher capacitance bank value at additional cost.

Monoblock



HF Inverter



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