

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 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

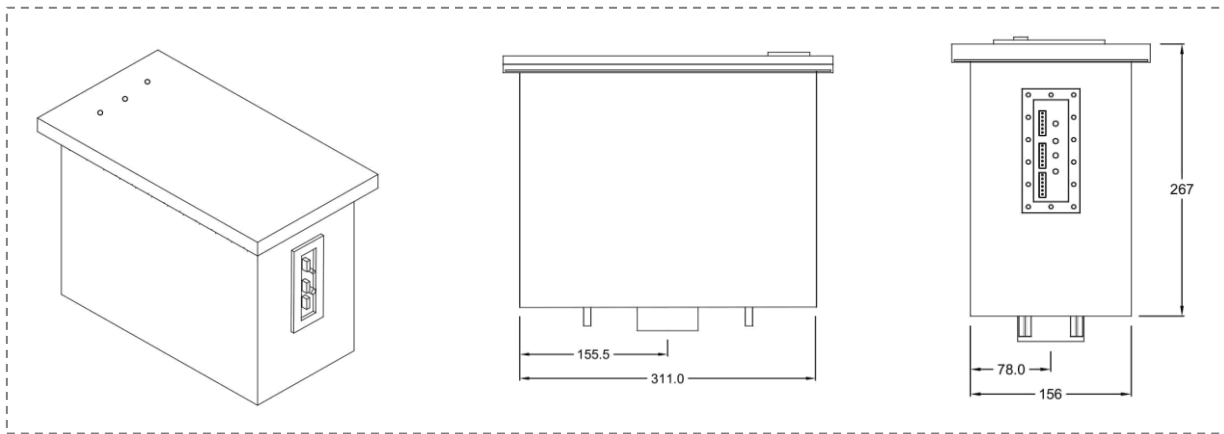


TECHNICAL SPECIFICATIONS

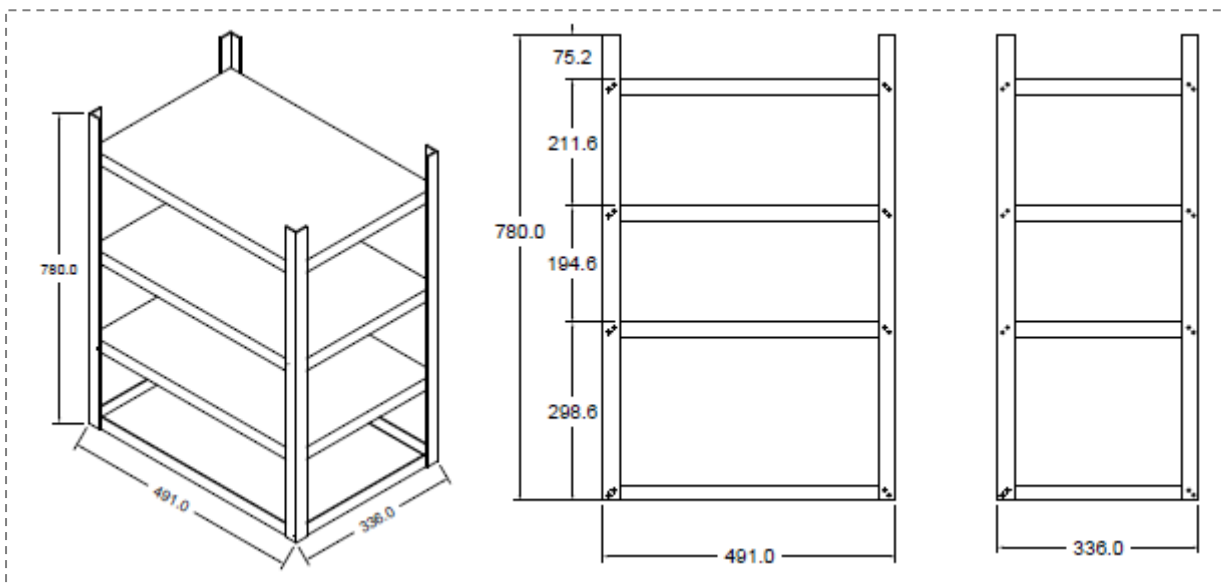
PARAMETER		SPECIFICATION	
Input Voltage		230V $\pm$ 10% AC, 50Hz, single phase	
Maximum Output Voltage & Power *		XRM10 (10kW)	XRM15 (15kW)
		40kV at 250mA 100kV at 100mA	50kV at 300mA 120kV at 125mA
HF Generator Frequency		80kHz	
Protections		Over Voltage, Over Current, Over Temperature, Filament Fault, 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