

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:

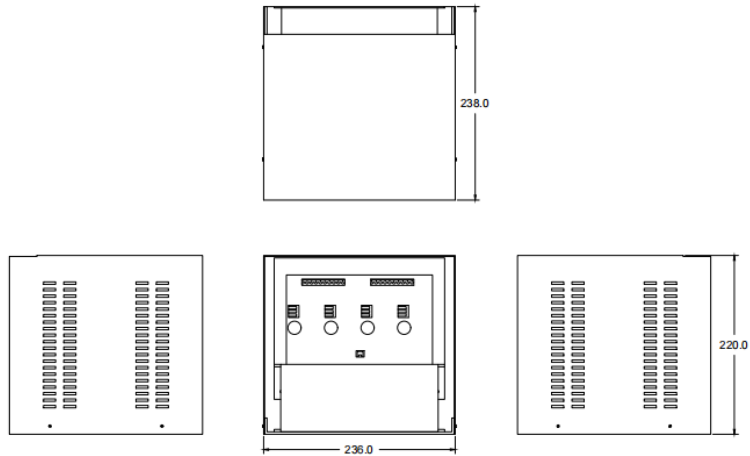
- ❖ Compact & light weight
- ❖ Reduction in dose
- ❖ Superior Imaging
- ❖ Keyboard /Touch Screen Control
- ❖ Easy Serviceability
- ❖ OEM Customization Available



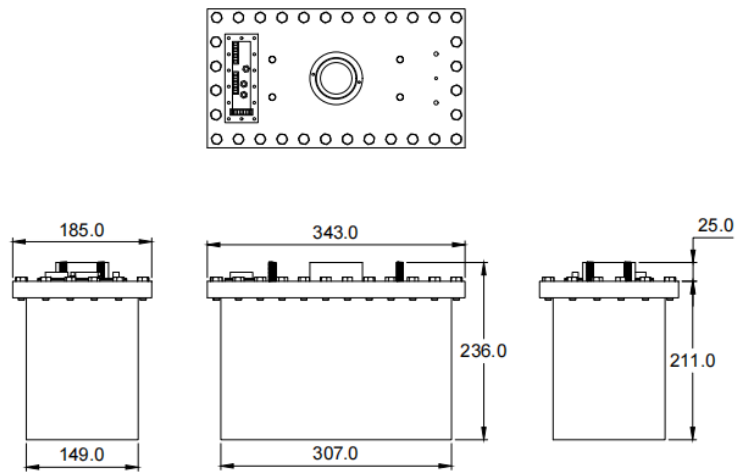
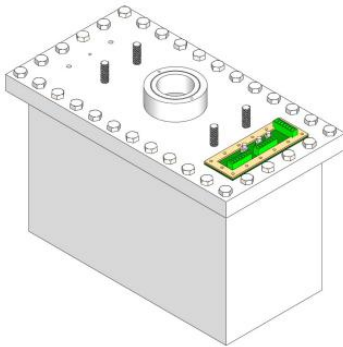
TECHNICAL SPECIFICATIONS

PARAMETER			SPECIFICATION	
Input Voltage			230V $\pm$ 10% AC, 50Hz, single phase	
Model (Maximum Power)			XRM6R (6kW)	XRM8R (8kW)
Maximum Output Power			50mA at 120kV 150mA at 40kV	60mA at 120kV 200mA at 40kV
HF Generator Frequency			100kHz	
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			20mA to 150mA (8 steps)	20mA to 200mA (8 steps)
Modes			APR & Manual	
mAs			0.1 to 200mAs in 31steps	
Exposure Time			10ms to 5sec	
Focal Spot			0.6/1.3	
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, transformers and other interlocks. (Rotor circuitry supplied separately).	
Size (L x W x H)	Monoblock		343mm x 185mm x 263mm	
	HF Inverter		238mm x 236mm x 220mm	
Weight	Monoblock		21.5 Kgs	
	HF Inverter		17 Kgs	

HF Inverter:



Monoblock:



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