

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:

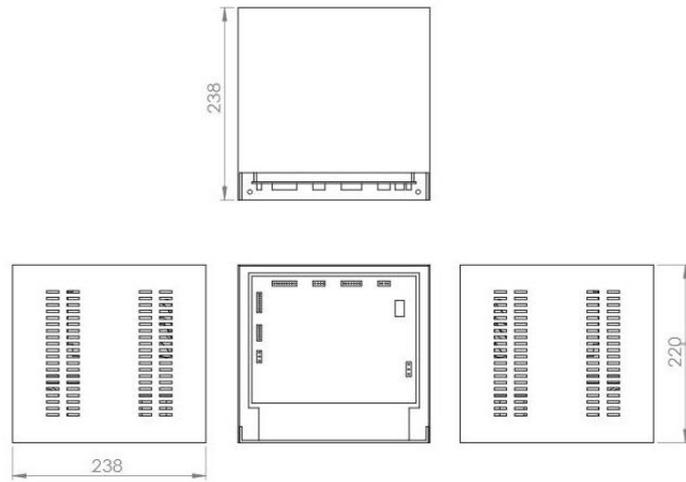
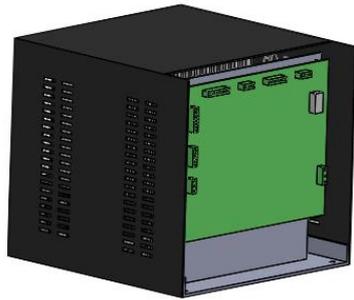
- ❖ Compact & lightweight
- ❖ Reduction in dose
- ❖ Superior Imaging
- ❖ Tablet / Keyboard /touch-Screen Control
- ❖ Easy Serviceability
- ❖ OEM Customization Available



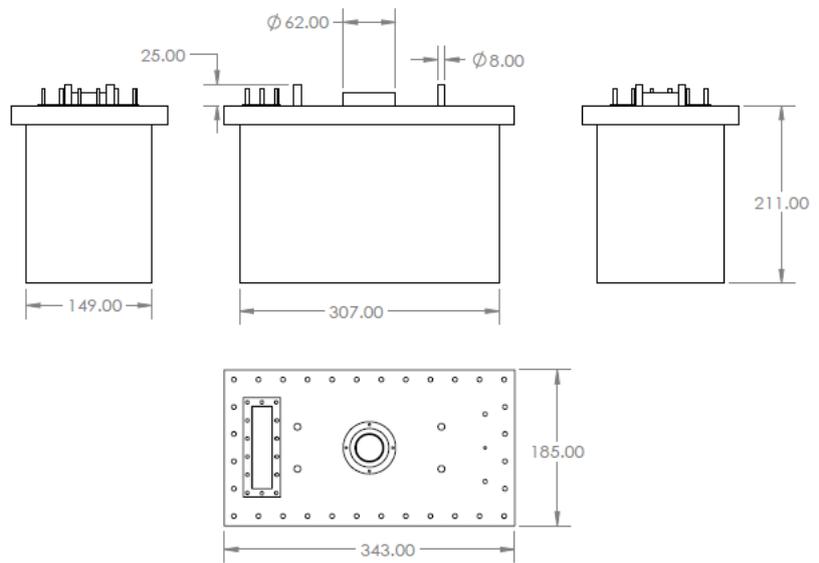
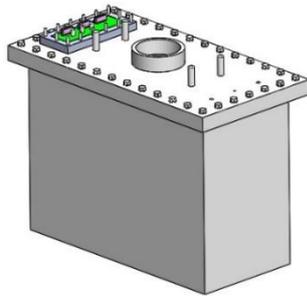
TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION		
Input Voltage	230V ±10% AC, 50Hz, single phase		
Maximum Output Power	XRM3.5(3.5kW) 30mA at 100kV 80mA at 44kV	XRM5(5kW) 50mA at 100kV 100mA at 50kV	XRM6(6kW) 60mA at 100kV 150mA at 40kV
HF Generator Frequency	100kHz		
Protections	Over Voltage, Over Current, Over Temperature, Earth Fault, Filament Fault, Inverter Fault.		
Application	Intensive care units and radiology department		
kV Range	40kV to 100kV (60 steps)		
mA Range	20mA to 150mA (Depends on monoblock power rating & tube)		
Modes	APR & Manual		
mAs	0.1 to 200mAs in 31steps		
Exposure Time	10ms to 5sec		
Tube Compatibility	XD3A		
User Interface	Keyboard with microcontroller-based control		
Housing	Monoblock	Contains high voltage transformer, X-ray tube & filament transformers floating on high voltage	
	HF Inverter	Contains inverter, control cards, filament card, transformers, SMPS and other interlocks. (No external component required).	
Size (L x W x H)	Monoblock	307mm x 149mm x 211mm	
	HF Inverter	238mm x 238mm x 220mm	
Weight	Monoblock	17 Kgs	
	HF Inverter	10 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.