

The high frequency X-Ray Monoblock 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 fluoroscopy and radiography C-arm units. The high frequency output allows for lower kV per exposure, shorter exposure and superior imaging.

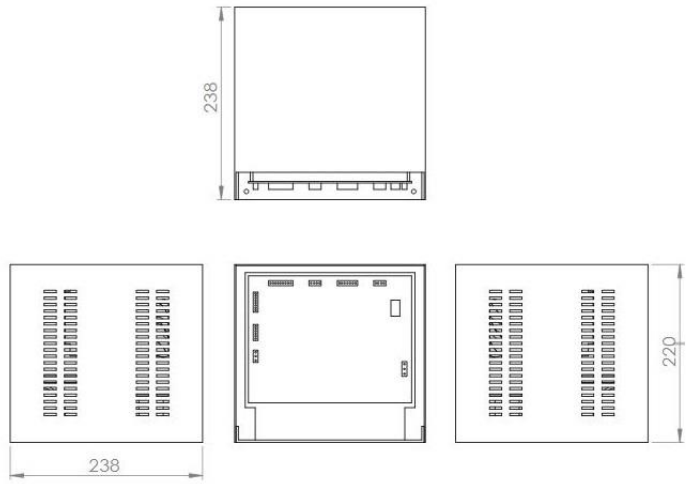
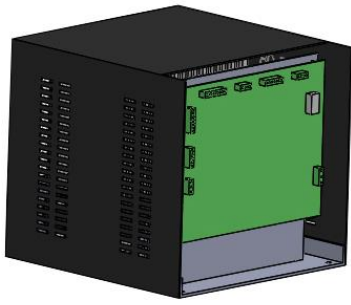
Features:

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

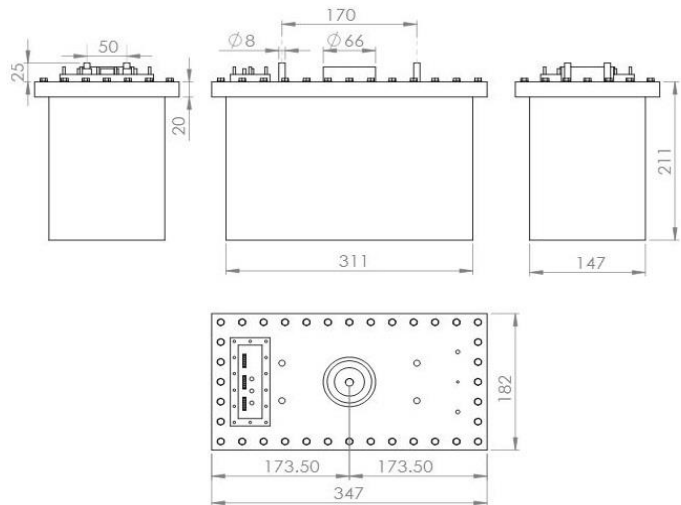
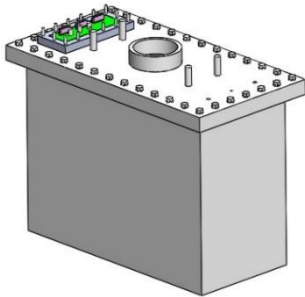


TECHNICAL SPECIFICATIONS			
PARAMETER		SPECIFICATION	
Input Voltage		230V ±10% AC, 50Hz, single phase	
Output Power		3.5kW	6kW
Maximum Output Voltage		110kV DC	120kV DC
Maximum Output Power		80mA at 44kV 40mA at 80kV 30mA at 110kV	100mA at 60kV 80mA at 75kV 50mA at 120kV
HF Generator Frequency		100kHz	
Protections		Over Voltage, Over Current, Over Temperature, Earth Fault, Filament Fault, Rotor Fault, Inverter Fault	
Application		Suitable for Fluoroscopy and Radiography	
Fluoroscopy kV Range		40kV to 110kV in 70 steps	40kV to 120kV in 80 steps
Fluoroscopy mA Range		3mA	5mA
Radiography kV Range		40kV to 110kV in 70 steps	40kV to 120kV in 80 steps
Radiography mA Range		20mA to 80mA	20mA to 100mA
mAs		0.1 to 200mAs in 31steps	
Tube capability		X-782	KL-66
Remote Control 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 cards, transformers and other interlocks (filament card and transformer supplied separately)	
Size (L x W x H)	Monoblock	311mm x 147mm x 211mm	311mm x 156mm x 247mm
	HF Inverter	238mm x 238mm x 220mm	
Weight	Monoblock	17 Kgs	21.5 Kgs
	HF Inverter	10 Kgs	17 Kgs

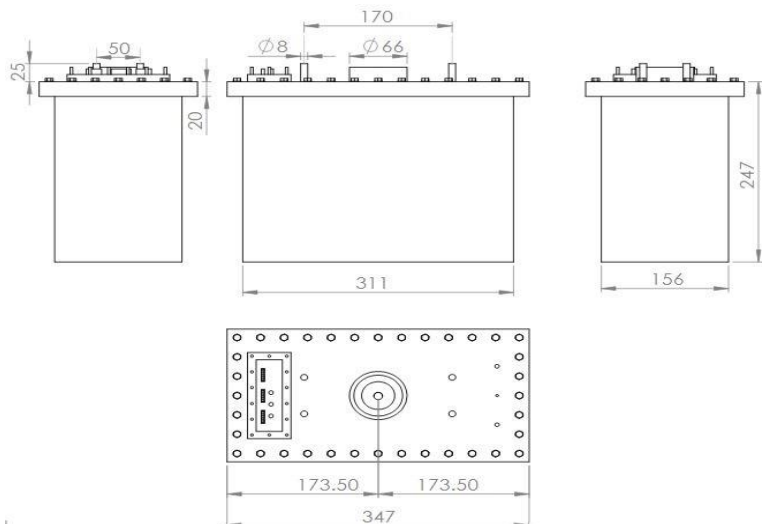
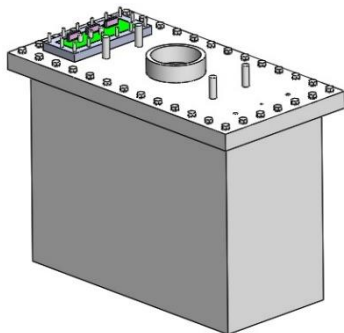
HF Inverter:



3.5kW Monoblock:



6kW 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