

This series of X-ray generators have been designed and developed for OEM application in medical field. These compact high frequency units operate at single phase input (powered by a capacitor bank) and have to be connected to an X-Ray tube to generate X-rays. The high frequency output allows for lower kV per exposure, shorter exposure and superior imaging.

Features:

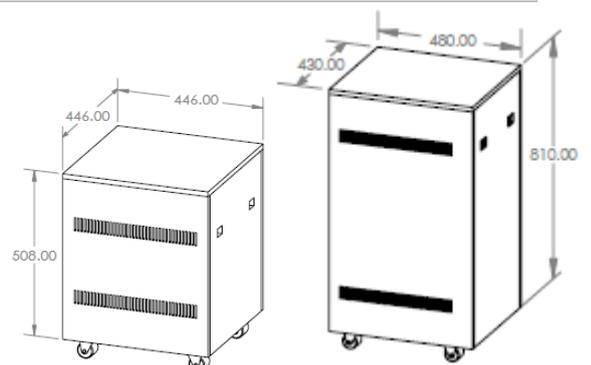
- ❖ Compact
- ❖ Lower kV per Exposure
- ❖ Superior Imaging
- ❖ Tablet / Keyboard Control
- ❖ Easy Serviceability
- ❖ OEM Customization Available



TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION								
Input Voltage Range	207V to 253V AC, 50Hz, 1Phase								
Input Current	<15Amps								
Radiographic kV Range	40kV DC to 125kV DC								
Radiographic mA Range	25mA to 500mA								
Maximum Output Power	180mA at 80kV			400mA at 80kV			500mA at 80kV		
	150mA at 100kV			320mA at 100kV			400mA at 100kV		
	120mA at 120kV			250mA at 125kV			320mA at 125kV		
Maximum Exposure Chart*	XR15P1			XR32P1			XR40P1		
	kV	mA	m Sec	kV	mA	m Sec	kV	mA	m Sec
	40	40	65	40	400	380	40	500	320
	60	60	126	60	400	300	60	500	275
	100	150	160	80	400	240	80	500	200
	110	135	172	100	320	270	100	400	230
120	120	180	125	250	300	125	320	250	
Application	Radiography & Fluoroscopy (optional)								
HF Generator Frequency	40kHz								
Protections	Over Voltage, Over Current, Over Temperature, Earth Fault, Filament Fault and Rotor Fault								
AEC	Optional								
X-Ray Tube Compatibility	Toshiba E7239 / E7242								
Remote Control	Touch Screen tablet with microcontroller-based control / Keyboard								
Housing (LxWxH)	MS cabinet without nylon wheels (480mm x 430mm x 810mm) MS cabinet for capacitor bank without nylon wheels (446mm x 446mm x 508mm)								

*Higher exposure time available at an extra cost.
(Size of the capacitor bank cabinet will vary accordingly)



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