

This series of X-ray generators have been designed and developed for OEM application in medical field. These compact high frequency units have to be connected to an X-Ray tube to generate X-rays. The high radiation 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



TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Input Voltage	415V±10% ,50Hz , 3phase
Maximum Output Voltage	40kV DC to 125kV DC
<ul style="list-style-type: none"> • Cathode to Ground • Anode to Ground 	62.5kV 62.5kV
Maximum Output Power	250mA at 125kV 320mA at 100kV 400mA at 80kV
Average Output Power	140 Watts
Application	Suitable for Fluoroscopy or for Radiography
Exposure Time	4mSecs to 10Secs
Voltage Regulation	± 1%
Ripple at the Maximum Power	1% rms
Maximum kV Rise Time at Maximum Power	<1mSec
HF Generator Frequency	40kHz
Operating Frequency	20kHz
Protections	Single Phasing, Over Voltage, Over Current, Over Temperature, etc.
SPECIFICATIONS FOR SMALL FOCUS	
Filament Voltage	5.9V to 8.1V
Current (Max)	5.2A
Floating on	-62.5kV DC
SPECIFICATIONS FOR LARGE FOCUS	
Filament Voltage	7.8V to 10.6V
Current (Max)	5.2A
Floating on	-62.5kV DC

SPECIFICATIONS FOR MOTOR	
Frequency	50Hz
Voltage	40V - 200V
Current	1.2A - 6A
REMOTE CONTROL	
User Interface	Touch screen tablet with microcontroller based control
HOUSING	
Cabinet	MS cabinet with nylon wheels

Remote Interface Connector Configuration			
Pins	12 Pin Pluggable Connector	6 Pin Pluggable Connector	3 Pin Pluggable Connector
1	HV Enable	Over Voltage PFC - NC	Rotor 1
2	Large / Small Filament Selection	Over Voltage PFC - Pole	Rotor 2
3	Rotor Start / Stop	Over Voltage PFC - NC	Rotor 3
4	Common	Over Current PFC - NC	
5	Voltage Program	Over Current PFC - Pole	
6	Current Program	Over Current PFC - NO	
7	Common		
8	Voltage Monitor		
9	Current Monitor		
10	Common		
11	Common		
12	Common		
PFC – Potential Free Contact			

Ordering Code	XR	160	K	800	W	B	C	I	B	5	T
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For any queries or customization requests contact us at info@ionics.co.in

For product line information visit us at www.ionics.co.in