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 frequency output allows for lower kV per exposure, shorter exposure and superior imaging.

**HF X-RAY GENERATOR FOR FIXED X-RAY MACHINE**

**XR15(15kW) / XR20(20kW) / XR32(kW) / XR40(40kW) / XR50(50kW)**

**Features:**

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

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| **Technical Specifications** |
| **PARAMETER** | SPECIFICATION |
| Input Voltage Range | 380V to 460V AC, 50Hz, 3Phase  |
| Radiographic kV Range | 40kV DC to 125kV DC |
| Radiographic mA Range | 25mA to 500mA |
| Radiographic mAs Range | 0.25 to 500mAs |
| Fluoroscopic kV Range | 40kV DC to 100kV DC |
| Fluoroscopic mA Range | 0.5 to 5mA |
| Maximum Output Power | **XR15**300mA at 50kV 150mA at 100kV 100mA at 125kV | **XR20**400mA at 50kV 200mA at 100kV 160mA at 125kV | **XR32**400mA at 80kV 320mA at 100kV 250mA at 125kV | **XR40**500mA at 80kV 400mA at 100kV 320mA at 125kV | **XR50**800mA at 50kV 500mA at 100kV 400mA at 125kV |
| Application  | Radiography & Fluoroscopy (optional) |
| HF Generator Frequency | 40kHz |
| Protections | Over Voltage, Over Current, Over Temperature, Earth Fault, Filament Fault, Rotor Fault and Single Phase |
| AEC | Optional |
| Tube Compatibility | Toshiba E7239 / E7242 / (E7252 for 50kW) |
| Remote Control | Touch Screen tablet with microcontroller-based control / Keyboard |
| Housing (LxWxH) in mm | MS cabinet with nylon wheels (465 x 415 x 810; 580 x 420 x 810 for RF unit) |

For any queries or customization requests contact us at info@ionics.co.in

For product line information visit us at [www.ionics.co.in](http://www.ionics.co.in)