



HIGH FREQUENCY X-RAY GENERATORS

PXR SERIES

Combine superior high frequency technology with your device.
Standard and customized generators for your needs, Poskom.



POSKOM
X-rays and power solutions

X-RAY GENERATORS

PRODUCT FEATURES

- **High capacity and stable output of x-rays**
Comprehensive power capacity varies from 20kW to 80kW and mA range from 250 to 1,000 according to models. 1 tube, 2 tube and 1 tube R/F are available upon your requirements. Excellent high frequency technology of Poskom provides the best diagnostic images by stable and quality DC supplies.
- **Programmed calibration for various tubes and cable length**
Installed calibration software helps easy adjustment of technical data for the sort of x-ray tubes and high voltage cables. This software can be upgraded or renewed upon your request.
- **Error check system with fast fault detection**
This self-diagnostic function catches error signals of machine and displays default code or conditions of disorder in question. Users can define and analysis encountered situation and find solutions

by looking through manuals or consultation with technicians.

- **Precise mA and kVp feedback control**
Well designed HT controller maintains stable mA and kVp feedback without errors against frequent exposures and secures distinguished reproducibility of x-rays.
- **Maximum 500 anatomical parts views for optimal radiography**
This program software find the optimal technical values for the best radiography upon anatomical features of body parts and size of the photography.
- **User-friendly operation console and data display**
Several type of operation consoles (veterinary, human, pc-based, touch screen) will be provided upon your field application and they are carefully designed for your best use and convenience.

OPTIONAL SELECTION

- **Auto exposure control function**
AEC function calculates the accumulated exposure amount and limit excessive radiation dose.
- **Auto brightness control function**
ABC function adjusts the brightness of radiography automatically upon the physical trait of the subject and maintain stable quality of images.
- **High speed rotor**
High speed rotor maximizes the utility of tube capacity and helps to use higher power of the generator.

- **PC based control panel**
Operation software with state of art configurations can be supplied with your option for a general PC monitor or touch screen LCD.
- **Battery powered generator**
This model equipped with power supply unit inside the cabinet enables easier approach to use without electrical constructions. The body of generator can be moved freely unlike general type fixed on the ground and suitable for mobile x-ray units as well.





OEM/ODM COMPONENT

■ Product renovation

General features and specifications of generators informed through our reference table and the fittest models for your products and application shall be recommended by our sales representatives or researchers. Partial and outer renovation is possible upon your request.

■ Customized structures and functions

Customized design for body cabinet and operation console can be supplied through R&D consultation for your usage. Our R&D center and technicians have extensive experience regarding high frequency technology and their productions. Pursuit of mutual benefit and business growth is our principle of OEM/ODM business.

■ Technical alliance for new product

Combinations of each company's strength and resources will maximize synergy effect for R&D and save the cost and time for supply of new products to market. Continuous investment to innovation, advance of work efficiency and developing genuine partnerships are our fundamental principles for OEM/ODM business.

■ Work process

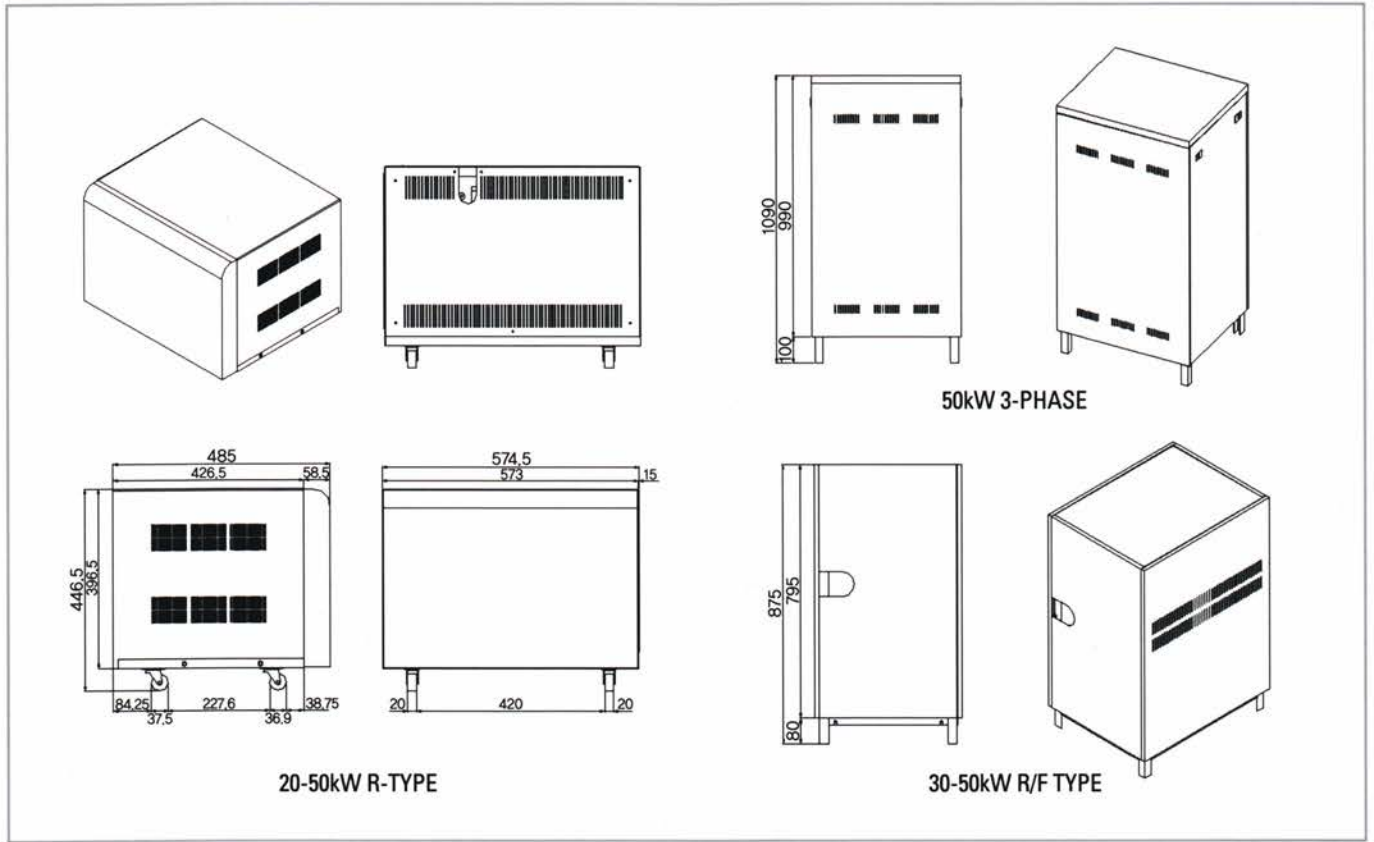
Analysis of system features → study about user requirements and usage → detailed discussion for design and functions → product renovation/customization of hardware/software → test pilot samples → redesign and revise if required → produce OEM/ODM components



◀ PC OP (Human)
▼ PC OP (Veterinary)



DIMENSIONS



*This information could be changed without prior notice and please refer to more detailed information at our website or user's manual.

TECHNICAL SPECIFICATIONS

TYPE	R-TYPE					R/F TYPE		
	MODEL	PXR-201B	PXR-321B	PXR-401B	PXR-501 (T)	PXR-801T	PXR-322B	PXR-502B
Constant Output (kW)	20	32	40	50	80	32	50	80
kV (Rad.)	125	125/150	125/150	150	150	150	150	150
kV (Fluoro.)						125	125	125
mA Range	10-250	10-400	10-500	10-800	10-1000	10-630	10-800	10-1000
Exposure Time (sec.)	0.001-10							
mAs Range	0.1-500	0.1-500	0.1-500	0.1-630	0.1-1000	0.1-500	0.1-630	0.1-1000
APR	216	216	216	216	216	500	500	500
AEC (ABC for 2 Tube Option)	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Line Phase	Single	Single	Single	Single(Three)	Three	Single	Single	Three
PSU		Optional	Optional	Optional	Optional			
High Speed Starter				(Optional)	Standard			Standard
Line Power (Vac)	220/240			220/240 (380/420)	380/420	220/240	220/240	380/420
Input Frequency (Hz)	50/60							