

PSG-HR

Product Composition

PSG-HR consist of cabinet, controlling system, inverter module and high voltage tank.

Typical Application

PSG-HR is mainly applied to DR of dual-column, flat-bed, suspension and U-arm.



Feature

- High voltage insulation of tank (224kV)
- Compact and high power density
- Short safe discharging time (less than 1 minute)
- Digital switching between kV and mA
- Automatic selection of high and low power of filament
- Digital Continuously Variable Transmission (CVT) Rotating Anode Technology
- Controlling structure of DSP and FPGA with reliable and stable performance
- Platform-based and modularization management is easy for installment and maintenance
- Equipped with standard automatic exposure control (AEC) and multi-speed switching of anode driving



Specification

Product Model	PSG-HR50E	PSG-HR50	PSG-HR65	PSG-HR80	
Product Name	Medical X-ray High Frequency High Voltage Generator				
Input	Max Working Frequency	200kHz±20%	300kHz±20%		
	Phase/Voltage Range	3 Phase/380V±10%		3 Phase/380V-480V	
	Frequency	50Hz/60Hz			
Output	Nominal Power	50kW	50kW	65kW	80kW
	kV Range	40kV-150kV			
	kV Rising Time	≤1ms@100kV(10%-90%)			
	Accuracy of kV	±5%@≥100kV 4kV@≤100kV			
	Max mA	630mA	630mA	800mA	1000mA
Appearance	Accuracy of Tube Current	±(5%+1mA) @ ≥100ms ±20% @ <10ms			
	mAs Range	0.4mAs-1000mAs			
	Accuracy of mAs	±(5%+0.2mAs) @ >5ms ±(10%+0.2mAs) @ ≤5ms			
	Exposure Time Range	1ms-10000ms			
	Accuracy of Exposure Time	±(2%+0.2ms) @ >5ms ±(5%+1ms) @ ≤5ms			
Optional Configuration	Function/Accessory	AEC/DAP/Hand Switch/Control Box			
Rotor Control Parameter	Size (W*D*H)	523*420*475mm			
	Weight	65kg	65kg	68kg	68kg