

# PSG-HR

### **Product Composition**

 $\ensuremath{\mathsf{PSG-HR}}$  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.

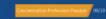


#### Feature

- 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		
	Max Working Frequency	200kHz±2046		300kHz±20%	
Input	Phase/Voltage Range			3 Phase/380V-480V	
	Frequency		50Hz/60Hz		
	Nominal Power	50kW	50kW	65kW	80kW
	kV Range				
	kV Rising Time		<1ms@100kV(10%-90%)		
			±5%@≥100kV 4kV@<100kV		
				800mA	1000mA
Output	Accuracy of Tube Current		±(5%+1mA)@≥10 ±20%@<10ms	Úms:	
	mAs Range				
			±(5%+0.2mAs)@>5ms ±(109i+0.2mAs)@≤5ms		
	Exposure Time Range		lms-10000ms		
			±(296+0.2ms)@>5ms ±(596+1ms)@≤5ms		
	Rotor Control Parameter		Dual Speed Auto Control		
Appearance	Size (W*D*H)		523*420*475mm		
	Weight	65kg	65kg	68kg	68kg
Optional Configuration	Function/Accessory		AEC/DAP/Hand Switch/Control Box		