



AMADEO
X-RAY SYSTEMS

Portable High Frequency X-ray Source



PSM-PD

Product Composition

PSM-PD consists of controller, MBK, beam defining clipper

Applications

PSM-PD is mainly applied to mobile DR, military DR and vehicle-carried DR, ship-carried DR.

Feature

- Wireless communication for remote monitor
- Wide range AC input with APFC integrated (100~240VAC)
- Soft switching technology, switching frequency is up to 250kHz
- Intellectualized software system, automatic filament adjustment, dual-filament selection and self-detection capabilities

Operation interface can be divided into human and veterinary, support for APR data configuration for different areas/parts

Product Name	Portable High Frequency High Voltage Generator	
Input	Max Working Frequency	≥250kHz
	Phase/Voltage Range	100VAC~240VAC/48VDC
	Frequency Range	50Hz/60Hz±1Hz
Output	Nominal/Max Power	5.6kW/5.6kW
	kV Range	40kV~125kV
	kV Ripple	≤3%@100kV
	kV Rising Time	≤1ms@100kV(10%~90%)
	Accuracy of kV	±5% or ≤4kV
	mA Range	5mA~100mA
	Accuracy of Tube Current	±(5%+1mA)@≥10ms ±20%@ < 10ms
	mAs Range	0.1~320mAs@220VAC
		0.1~200mAs@110VAC
		0.1~100mAs@48VDC
	mAs Accuracy	±(5%+0.2mAs)@ > 5ms ±(10%+0.2mAs)@≤5ms
	Exposure Time Range	2ms~10000ms
	Accuracy of Exposure Time	±(2%+0.2ms)@ > 5ms ±(5%+1ms)@≤5ms
	Tube Model	KL10-0.6/1.8-125
	Norminal Focal Spot Size	0.6mm/1.8mm
Tube Parameter	Max Anode Heat Storage Capacity	20kJ
	Anode Disk Target Angle	15°
Communication	WIFI/RS232	
Appearance	Dimensions (L*W*H)	383*240*215 mm
	Weight	15kg

Dentem Sağlık Hizmeleri

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