

Combined High Frequency X-ray Source

DATA SHEET



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Product Model		
Application		Radiography
Type		X-ray Source
Working Frequency		80kHz ~200kHz
Input	Voltage Range	1 00 ~264VAC
	Frequency Range	50/60Hz ± Hz
Output	Max Power	5.6kW
	Nominal Power	5.6kW
	kV Range	40 ~125kV
	kV Ripple	≤3%@100KV
	kV Rising Time	≤1ms @ 100kV (10% ~90%)
	Accuracy of Exposure kV	±5%or ±4KV
	mA Range	5 ~100mA
	Accuracy of Exposure Tube Current	± (5%+1mA) @ ≥10ms ± 20% @ <10ms
	mAs Range Non-AEC	0.1 ~ 320mAs
	Accuracy of mAs	± (5%+0.2mAs) @ >5ms ± (10%+0.2mAs) @ ≤5ms
	Exposure Time Range	1 ms ~1000ms
	Accuracy of Exposure Time	± (2%+0.2ms) @ >5ms ± (5%+1ms) @ ≤5ms
Function	Auto-tube Calibration	Yes
	Technique Selection	1. kV-mA-ms 2. kV-mAs
	Service Software	Yes
Performance of Monoblock	Tube Model	KL10SB-0.6/1.8-125 (Toshiba)
	Norminal Focal Spot Size	0.6mm/1.8mm
	Thermal Capacity	40kJ
	Maximum Anode Heat Storage Capacity	20kJ
	Anode Disk Target Angle	15°
Filament performance	Filament Frequency	20kHz ±2kHz
	Max Filament Current	5A
Communication	WIFI	Yes
	RS232	Yes
Accessory	Hand Switch	Yes (Optional)
Environment Requirements	Grounding Resistance	≤100m Ω
	Insulation Voltage	2250VDC 10mA/1 min
	Earth Leakage Current	≤5mA
	Cooling System	Natural air cooling
	Operating Temperature	0℃ ~ 40℃
	Relative Humidity	10% ~90%, Non-condensing
Appearance	Atmospheric Pressure	700hPa ~1060hPa
	Size (W*D*H)	383mm*240mm*214mm
	Weight	12kg



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Esta unidad portátil de rayos x puede usarse junto a la cama del paciente, en servicios de urgencia o en unidades de cuidados intensivos. Fácil de usar, manejar y aparcar, se trata de un componente esencial en clínicas y hospitales. Con su potente generador de alta frecuencia de 5.6 kW es válido para todo tipo de exposiciones, incluyendo (que no limitando) tórax, abdomen y huesos (desde columna hasta extremidades).





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