



MEDICAL X-RAY CAMERA YZ-300B

MAIN CHARACTERISTICS :

- 1.Single bed and single bulb.
- 2.Design according to the electric mechanism of middle-size machine.The function is full and reasonable.
- 3.The high-tension system is of march-past structure.Equipped with a fullwave rectification high-voltage generator and independent X-ray tube unit,with large output power and reliable and stable operation.
- 4.Supply voltage V,roentgenoscopy,photography KV and stepless adjustable.
- 5.Equipped with the manostat for filament of X-ray tube and the spacecharge compensator as to ensure the stable and accurate output.
- 6.Equipped with the capacity limitation and protection circuit and Kv mA sinterlock limitation and protection.
- 7.Adopt the digital circuit timer,grade according to R10 prioritycoefficient and can control time exactly
- 8.High-voltage primary uses the zero controlled circuit of silicon-controlled retctifier of large power.
- 9.Photographic bed can move in length and breadth
- 10.The photographic bed,pillar and vibarating ray-filter are in a whole without top and bottom track.



MAIN TECHNICAL INDEXES

ITEM	CONTENT	INDEX
Supply power	capacity	Two-phase 30KVA
	voltage frequency	380V/220V ± 10% 50Hz ± 0.5Hz
	inner resistance	0.75 Ω at 380V, 0.25 Ω at 220V
Power supply	Adjustable range	380V,380V ± 10% ,220V ,220V ± 10%,being adjustable continuously
Photography	voltage	50~100KV Be adjustable continuously
	current	small focus 50mA 100mA and big focus 50 100 200 300mA
	time	0.04~6.3s,23 grades together arading according to R10 coefficient
High-Voltage generator	capacity	20KVA(instantaneous)
	Max. Dc output voltage	100KV
	Max. Dc outputcurrent	300mA
X-Ray tube	model	XD51-2040/100
	focus	small focus 1X1mm big focus 2X2mm



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Photographic bed	Bed face(LXWXH)	2000mmX665X700mm	
	Moving range of bed face	640mm in length; 200mm in breadth	
	Ray-filter of bed	Travel in length ≥ 500 mm	
		N28 Grid density N28	
Convergence distance fo 100cm			
Pillar of X-ray source unit	Moving in length along photographic bed	1800mm or 1600mm	
	Distance around as moving up and down(along upright post)	650-1800mm	
	Rotary around the center of cross arm	$\pm 180^\circ$	
	Rotary around the shaft line of X-ray annular tubes	$-10^\circ \sim 60^\circ \sim +120^\circ$	
Max size of cassette for photograph	356mmX432mm(14"X17")		