

# 200mA Medical Diagnostic X-ray Machine

Model: TR 200B



## Application:

Routine Radiography  
Bucky Radiography

## Characteristics:

- Four-sided table-face radiography
- Radiographic clip cassette size: 17"x17"
- Small focus: 1x1mm<sup>2</sup>, large concentrate: 2x2mm<sup>2</sup>
- Infinitely varying management of the energy supply voltage V and kilovolt.
- The machine is equipped with subsections and grades mA, kilovolt and S interlocking protective devices.
- The machine is equipped with X-ray filament most protection device, area charging compensation and anode start.
- Power supply voltage, kilovolt photography and mA display separately and are easy to determine.
- No prime and bottom track machine are mounted and easy to operate.
- Transversal upright post movement, long arm movement and-ray tube rotation are all fitted with braking electromagnetism.

## Technical data:

ITEM	CONTENT	INDEX
Demand of power supply	Capacity	Two phase 30KVA
	Voltage Frequency	380V/220V±10% 50Hz±0.5Hz
	Internal resistance	380V: 0.9Ω, 220V: 0.3Ω,
Power supply	Adjustable range	380V±10% at 380V; 220±10% at 220V being adjustable continuously
Radiographic	Voltage	50-100KV being adjustable continuously
	Current	Small focus 50mA Big focus 50, 100, 150, 200mA
	Time	0.05-6.3s, 20grades together grading according to R10 coefficient
High-voltage generator	Capacity	20KVA (instantaneous)
	Max DC output voltage	100KV
	Max DC output current	200mA
X-ray tube	Model	XD51-20,40/100
	Focus	Small focus: 1x1mm, Big focus: 2x2mm
Radiographic table (TR-SC1)	Table face (LXWXH)	2000mmx780mmx680mm
	Moving range of table face	800mm in length
		240mm in breadth
	Ray-filter	Travel in length ≥560mm
		Grid density N28
		Convergence distance of 100cm Grid ratio r8
Pillar of x-ray tube unit	Moving in length along radiographic table	1600mm
	Distance to ground as moving up and down (along upright post)	700~1800mm
	Rotary around the center of cross arm	±180°
	Rotary around the shaft line of x-ray annular tubes	-10°~60°~+120°
Max size of cassette for radiography	356mmx432mm (14"x17")	



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