



Forever Medical

YJ-M98B Digital Mammography System



PRESENTATION OF PRODUCT

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Technical Specification

No.	Item	Specification
1	X-ray Generator	
1.1	Generator Type	High Frequency Inverter 80kHz
1.2	Input Power	Single Phase 220VAC, 50/60Hz
1.3	Radiographic Ratings	Large Focal Point 20-35kV/10-510mAs
		Small Focal Point 20-35kV/10-100mAs
1.4	Power Rating	6.2kW
2	X-ray Tube	
2.1	Model	China Hangzhou LR01
2.2	Focal Spot Size	Dual Focus 0.2 / 0.4mm
2.3	Target Material	Molybdenum (Mo)
2.4	Port Material	Beryllium (Be)
2.5	High-speed Anode Drive	2800rpm
2.6	Target Angle	12°
2.7	Anode Heat Storage	80kJ (110kHU)
2.8	Anode Cooling	Air Cooling
2.9	Filtration	Mo (0.03mm)
3	Radiographic Stand	
3.1	U-arm Vertical Movement	590mm
3.2	Rotations Deg	+90°~-90°
3.3	SID	650mm
3.4	Compressor	The compressor is automatically released after the exposure is completed
3.5	Compressor Max. Pressure	200N
3.6	Compressor Max. Travel	156mm



No.	Item	Specification
4	Detector	
4.1	Detector Material	Amorphous Silicon
4.2	Effective Coverage Of Detector	24cm×30cm
4.3	Pixel Matrix	2816×3528
4.4	Limit Of Spatial Resolution	6.0Lp/mm
4.5	DQE Value	@4 Lp/mm:≥35%
4.6	Dynamic Range	14bit Digital Output
4.7	Pixel Size	85μm
4.8	Output	Ethernet
4.9	Working Condition	10°C-40°C
4.10	Storage Environment	-10°C-50°C
5	Image Acquisition Workstation Hardware	
5.1	CPU	Intel Core Duo 3.0GHz
5.2	Hardware	≥1T high Speed Hardware
5.3	Memory	≥8G
5.4	Display Card	≥2G
5.5	High Brightness High-contrast LCD	1920*1080Pixel Resolution
5.6	Network interface Worklist	DICOM3.0 Transmission
		100/1000 Gigabit Ethernet
5.7	Software	Imaging Software Package DMOC V1.0