

Technical specification for X-Ray Device SYR/0423/003

#	x-ray unit for conventional radiology conventional analog mobile type
1	Max Tube Current:200mA
2	Photography Voltage: 40kv,110kv
3	Photography Current: 30mA,200mA
4	Arm with extended
5	Rotation Arm
6	KVP Range (selectable): 40-100
7	MA Range (Selectable): 0.1-200
8	Exposure time range 0.001 – 5 seconds with Detector
9	Indirect Flat Panel Detector Filters: Aluminium 1.8mm - Copper 0.1mm
10	Heat storage: 3000 J
11	Cooling: 250 W
12	Focal spot size: 0.7 mm (fine) - 1.3mm (Broad)
13	Anode Material Rotating Molybdenum
14	Image storage: 5000 images
15	Collimator: Manual- with light beam diaphragm
16	Ability to select body part for pre-collimation
17	Integrated into Measuring System
18	Anti-microbial coating
19	Attached to mobile equipment
#	Following Switches & indicators should be available on the control panel:
A	Machine ON/OFF Switch.
B	KV & mAs Increase & Decrease Switches
C	Digital Displays of KV & mAs
E	Collimator Lamp 'ON' Switch with auto shut off facility
F	Standby & Exposure Release Switch.
G	X- Ray on Indicator
H	Self-diagnostic Program with indicators
20	X-Ray TUBE : Should be Rotating Anode XRay Tube with Rating of 11/32 KW or comparable in KHU/min (better will be preferred). It should have dual focal spots of 0.6/1.2 mm or better.
23	23 Lead Alphabets and numbers 3 sets.
24	24 Two sets of Film Processing Tanks 3 nos
25	BARC Approval light weight lead gowns with lead equivalent of 0.5 mm or better 2 nos with hangers
26	Chest Stand

Supplier Name

Signature



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