DM156A

Specifications



Configurations

No.	Brand	Model	Product Name	Quantity
1	Angell	TSM-1	DX Ray Diagnostic Workstation	1
2	Kang Zhong	CareView 750M	X-ray Imaging System	1
3	Angell	FSQ-M-VMX1	High Frequency Generator	1
4	Angell	QG-M1	X-Ray Tube	1
5	Angell	XSM-2	Collimator	1
6	Angell	DM156-1	C-Arm Stand	1
7	Angell	YPQM-1/YPQM-2	Compression Device	2
8	Angell	YPQM-3	Compression Device (Optional)	1
9	Linak	FSE1200022/FSR0W0 0000/FSL0W00000	Foot Switch (A set of two)	1
10	Steute	MKF41PW-MEDGP47	Foot Switch (Optional)	1
11	Angell	/	High Voltage Cables	2
12		/	Emergency Brake Switch	1
13		/	Patient Handle	1
14		/	Display	2
15		/	Computer	2
16		/	Report Laser Printer	1

High Frequency Generator

Specifications

- Model: FSQ-M-VMX1
- Brand: Angell
- Power Supply: 5kW
- Output Voltage: 20KV - 40kV
- Input Voltage: 220V
- Range of Current: 10-200mA
- Range of mAs: 10 - 120mAs (Small focus)
- Range of mAs: 10 - 500mAs (Large focus)
- Frequency: 50/60KHZ
- Work Mode: Intermittent
- Power Requirement: 180-264V AC
- Power supply voltage: AC 220V;
- Power frequency: 50 Hz;
- Power capacity: AC 220 V, the current should not be less than 25 A;
- Power supply resistance: At 220 V, it should not be greater than 1Ω.

X-Ray Tube

Specifications

- Model: QG-M1
- Brand: Angell
- Focus: 0.1 / 0.3mm
- Anode Heat Storage Capacity: 300kHU
- Target Surface: Mo Target
- Anode type: Rotating
- Anode Type: Rotary Anode
- Nominal tube voltage: 40kV

X-ray Imaging System

Specifications

- Model: CareView 750M
- Brand: Kang Zhong
- Detector Technology: a-Si Flat Panel Detector
- Scintillator Material: CsI
- Detector Size: 240 x 300mm
- Static Pixel Matrix: 4096 x 3072pixels
- Pixel Size: 77μm
- Grayscale: 16 bit
- Preview Image: ⩽ 5s
- Spatial Resolution: 6 lp/mm
- AEC Function

C-Arm Stand

Specifications

- Model: DM156-1
- Brand: Angell
- FID: 1420 - 2020mm
- Angle Range of Arm Rotation: -135° - +180°
- SID: 650mm
- Range of Arm Up and Down: 0—600mm
- One-click Function
- Isocentric motion
- C-arm rack rotation electric control, isocenter rotation
- With one key in place function

Compression Device

Specifications

- Model: YPQM-1/YPQM-2/YPQM-3
- Brand: Angell
- Maximum Height: 280mm
- Compressor Size: 240mm × 310mm (YPQM-1)
- Compressor Size: 100mm × 100mm (YPQM-2)
- Compressor Size: 200mm × 280mm (YPQM-3) (Optional)
- Pressure: 0 – 196N
- Compressor: Automatic Release Function and Manual Control Function

Collimator

Specifications

- Model: XSM-2
- Brand: Angell
- Filter: 0.1mm Al (28KV)

DX Ray Diagnostic Workstation

Specifications

- Brand: Angell
- Model: TSM-1
- CPU: Dual-Core 3.7G
- RAM: 4G
- Hard Disk: 500G
- Display: 2M Medical Grade & 24-inch LCD Monitor
- Registration management, image acquisition, image viewer, image processing, film printing, system settings
- DICOM connection, original data, DICOM data storage
- Distance measurement, angle measurement, adjustment of image contrast and brightness , image rotation, image flip, negative image, image distortion correction
- Supports Standard DICOM Printer

System parameter

Specifications

- Power supply voltage: AC 220V;
- Power frequency: 50 Hz;
- Power capacity: AC 220 V, current shall not be less than 25 A;
- Power resistance: at 220 V, it shall not be greater than 1 Ω.

Compressor

Specifications

- Pressure range: 0-196N; adjustable
- Maximum stroke range: 280mm

Emergency brake switch

Specifications

- The frame is equipped with an emergency brake switch

Detector

Specifications

- Detector area: 237*314mm;
- Detector material: CsI amorphous silicon
- Spatial resolution: 6lp/mm
- Pixel size: 77μm
- Acquisition matrix: 4096*3072
- With automatic exposure control function AEC

Foot switch

Specifications

- Double feet switch;
- Each individually controls compressor lift and C-arm lift motion

Workstation software

Specifications

- Manage patient information or the information attached to the examination and the image data collected;
- Collect exposure image information;

- Realize image browsing and retrieval;
- It can measure the distance, angle, and area of the region of interest in the image, and can identify it;
- Image post-processing: black and white inversion, rotation and flipping, zoom in and zoom out, local clipping, enhancement, copying, deletion, etc.;
- Compliant with DICOM3.0 standard, it can realize image data transmission, printing or burning to CD/DVD;
- The system automatically diagnoses faults, and displays corresponding warning messages when a fault occurs;
- Can write and print graphic reports;
- Image typesetting and printing on paper can be realized;
- Implement database backup and database recovery.

Patient handle

Specifications

- Patient handles on both sides of the C-arm

Display Workstation

Specifications

- 2M medical display

Scan Station

Specifications

- Display; LCD 24 inches;
- Computer: original brand computer

Scan Station

Specifications

- Display; LCD 24 inches;
- Computer: Top brand computer

Regulated Power System

Specifications

- 220V regulated power supply ⩾ 10kw

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