



Forever Medical

32KW 400ma High Frequency Digital X-ray System for Animals YJ-VET3300



一、 Flat panel detector (Static)

Model	YJ-4343Z
Type	Scintillator: Tb and amorphous silicon (a-Si)
Effective imaging area(inch)	17x17
Pixel Matrix	3072x3072
Pixel Pitch(μm)	139 μm
Spatial Resolution(lp/mm)	3.5lp/mm
AD Conversion (bit)	16bit
Data Interface	Gigabit Ethernet
Trigger Mode	AED (optional) /Soft trigger/Prep
Full image(s)	5s≤5s (Wired transmission)
Size(mm)	460mm×460mm×15.5mm
Weight(kg)	4.1kg
Power Supply	Input voltage: 100-240VAC,50/60Hz Output voltage: +24V DC
Operating temperature(°C)	5°C~35°C
Storage temperature(°C)	-10°C~55°C
Operating humidity(% RH)	30%~80%(No condensation)
Storage humidity(% RH)	10%~90%(No condensation)

二、 High voltage generator (Static)

Model	PSG-HRS32R
Input voltage	220V AC
Phase	Single phase
Input frequency	50/60Hz±1Hz
Power	32kw
Tube voltage (kV)	40kV~150kV
Tube Current (mA)	10mA~400mA
Integral of current over time (mAs)	0.1mAs~320mAs
Loading time (s)	0.01s~10s
Exposure Technology	mA/ms mAs mAs/ms
Operating temperature(°C)	+10 °C ~+40 °C
Operating humidity (%) (No condensation)	30%~75%
Atmospheric pressure	70.0kPa~106.0kPa
Noise	60dB (A)
Cooling method	Natural air cooling

三、 X-ray Tube Assemblies

Model	H6239		
Maximum voltage	125KV		
Focus	1.0/2.0 mm		
Target angle (anode)	16°		
Heat capacity	100 kJ (140 kWh)		
Input Power	Radiographic	50 Hz	60 Hz
	Large focus	43 kW	47 kW
	Small focus	21 kW	22 kW

四、 Collimator

Control method	Manual control
Maximum radiation	150kV
Intrinsic filtration method. Equivalent X-ray beam = 75 kV	Min. 1 mm Al
SID=100cm field of view	Min: ≤20 x 20 mm; Max: ≥430 x 430 mm
Light field indicator brightness.	≥180lux
light source on-time	30s±2s
Native filtration	1.0 mm Al/75kV
maximum radiation leakage measurement 1m、 150 kV、 3 mA	<0.5 mGy/h
Power	24V DC(±10%), max. 4A
Size (mm)	206.0 mm × 230.0 mm × 130.5 mm
Weight (Kg)	7.0 kg ±0.5kg

五、 Image acquisition software

Patient Registration	Collect and search patient data in preparation for photography.
Imaging tests	Set system parameters, expose the lens and acquire the image.
Image Browsing	Display, analyze, perform advanced image processing, and export them to an image workstation.
Data Management	Patient data management, import, export, batch archiving, case management, etc. that conform to DICOM3.0 standards.
Configuration Verification	Configuration and calibration of system components such as detectors, X-ray heads, etc.

六、Image acquisition workstation (Optional)

Processor	Intel i3-3.0GHz
System	Windows 10 64bit
Memory	16G DDR4
Harddisk	M.2 128G SSD, SATA 1T
Gigabit LAN	Integrated gigabit wired network card 1000M
Ports	USB , HDMI ,VGA , USB commercial keyboard, USB optical mouse
Input Power	220V 300W

七、Veterinary Floating Bed

Fixed bed frame(W'D'H)	1500mm*2000mm*1000mm
Bed Panel(W'D)	1500mm*650mm Phenolic Resin Sheet (Imported)
longitudinal horizontal movement of the bed surface	-50mm~50mm
lateral horizontal movement of the bed surface	-250mm~250mm

