DirectVet
110V SYSTEM

JPI Healthcare Solutions — Improving Quality of Life

The DirectVet veterinary digital X-ray system combines JPI's robust ExamVue software, easy to install veterinary table, and our high quality, cost effective digital detector. The result is a complete digital x-ray veterinary system that can be set up in only one hour. The JPI DirectVet does not require any special preparations, power supplies, or mounting. The DirectVet system gives you quality digital X-rays quickly, allowing your practice to hit the ground running at an attractive price point.

Digital X-Ray Detector

High-precision, low-error diagnosis. The ExamVue detector with DQE over 40%, and 16-bit dynamic range generates outstanding quality images that help users to reveal the slightest details of the subject.

Boost productivity. Detector is ready to shoot within 5 seconds. Consecutive images are available in seconds, allowing practitioners to boost productivity and client satisfaction.

X-Ray Generator

JPI recommends one of two high frequency portable X-ray generators to appropriately complete the DirectVet system. Permanently mount the CubeX-28 for high power 120kVp imaging. This powerful unit comes complete with soft touch controls, indicator dials, and two-stage, dynamic auto-line compensation running on a standard 110V power supply.

CubeX-16B Option

The CubeX-16B is a 110V battery-powered generator, allowing you to take it off the table and into the field easily. Fully battery powered, it can be used for up to 200 80kVp, 5mAs exposures before needing a recharge. Combine it with an FPD upgrade for the DirectVet system and be able to take your equipment outside or on the road. Control it from the integrated tablet, allowing for detailed control at your fingertips.

ExamVue Software
- Imaging and annotation tools (Window Level, Zoom, Pan, Crop, Invert, Rotation, Angle, Label, Text)
- User Features (Image Stitching, Image Import/Export, Image Comparison, Multi-View, Image Expansion, Full Screen, Auto-Collimation, Reject/Accept)
- Smart Window Level
- DICOM 3.0 Compatibility
- Post Image Processing for each body part
- Automatic

Technical Specifications

Detector		Table
14"x17"		Synchronized Detector and Tube Stand
Csl Scintillator		Elegant Clear Table Top
162x126 µm pixel pitch		300lb Weight Capacity
5 Year Warranty		38in SID
110V Power		32"(H) x 54"(W) x 24"(D)

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Generator Options

		CUBEX 16B	CUBEX 28
Output Power		1.6 kW	2.8 kW
Input Power	*Voltage*	29.4V; 100V-240V Charger	200 V-240V
	Phase & Frequency	DC 29.4V 1.5A	Single / 50 / 60 Hz
Radiography kV Range		40-90kV, 20-10mA	40 kV ~ 120 kV
mAs Range		0.4 mAs - 32 mAs, 20 steps	0.4mAs – 100mAs, 25steps
mA Range		10-20mA	14 ~ 40mA
Max. kV Deviation		±3 %	±3 %
Max. mAs Deviation		±5%	±13%
Indication		kV(error code) /mAs:	kV(error code) /mAs:
		7-segment LED	7-segment LED
X-ray Tube	Focal Spot	0.8 mm x 0.8 mm	1.2mm x 1.2mm
	Target Angle	16°	16°
	Anode Heat Storage	7 KHU	50 KHU
Collimator with Laser Pointer	Type	Double slit type, Manual operation	Double slit type, Manual operation
	Min. X-ray Field Size	0 cm x 0 cm @ 1m SID	0cm x 0cm @100cm SID
	Max X-ray Field Size	43 cm x 43 cm @ 1m SID	36cm x 36cm @ 100cm SID
	Timer	Push button illuminator w/ 30 sec timer	Class II
	Lamp	LED 3.0 V, 2.16 A, 6.5 W	LED 3.0V, 3A, 10W
Dimension		13.2" x 6" x 6.7"	14.2" x 7.9" x 7.5"
Packing Size		20.4" x 15.75" x 6.7"	20.5" x 15.7" x 11.8"
Product Weight		18.2 lbs	26.5 lbs
G-Weight		33 lbs	48.5 lbs

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