



X-Ray Grid



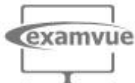
X-Ray System



for Veterinary



Radiography System



Software



Computed Radiography



Processor



X-Ray Accessories



RF Treatment



Diagnostics



# DynaVue

Solution for Veterinary Interventional Radiology Examination

## DR & Real Time Fluoroscopy



### Advantage

- Target: Small & Medium interventional practice
- Larger FOV(14x17") compared to C-arm (max.12 inch)
- Image distortion free compared to C-arm (Image Intensifier)
- Space saving
- Minimally invasive diagnostic and therapeutic
- Real-time image processing (15 FPS for FLO)

# Total Imaging Solution for VET

## Digital Radiography + Fluoroscopy

2 in 1 system

## As Low As Reasonably Achievable (ALARA)

Pulsed FLO manage reduced dose for you and your pet

\* 10ms/pulse

## 10kW Monoblock Type

15kW Inverter based system

## The World's First 14 x 17 in Large FOV

Detector allows dynamic performance

## Space Saving at Practice

Small footprint to fit your current clinic room



## Great Image Quality

### PSA (Photodiode Sensor Array)

Optimized Digital X-ray Image

### Wavelet Transform

Latest image processing S/W offers enhanced real-time fluoroscopy

## User Friendly Design

### 4 Way Floating Table

Enhance your workflow with smooth movement

### 23 inch Touch Screen Display

Intuitive touch UI makes your work easier

## Large Field of View Dynamic Exam



### Applications

- Minimally invasive Fracture repair
- Intraluminal Stenting for the Treatment of Tracheal Collapse
- Urethral and Colonic Obstructive Disease
- Vascular Procedures
- Orthopedic Procedures
- Contrast Studies of the Gastrointestinal Tract

## Specifications

<b>Monoblock</b>	<b>RAD mode</b>	<b>Power</b>	10kW (Inverter 15kW)
		<b>mA</b>	1mA ~ 160mA
		<b>Exposure</b>	200msec
		<b>Focal Spot</b>	0.6
	<b>FLO mode</b>	<b>Power</b>	3.5kW
		<b>mA</b>	1mA ~ 25mA
		<b>Exposure</b>	10min
		<b>Focal Spot</b>	0.3
	<b>kVP</b>		40 ~ 110kV(1kV step)
	<b>Target Angle</b>		16°
<b>Heat Capacity</b>		150kJ	
<b>Collimator</b>	<b>Type</b>		Double slit, Manual
	<b>Initial Position</b>		0cm * 0cm
	<b>Max Position</b>		43cm * 43cm
	<b>Laser pointer</b>		Class II
	<b>LED Lamp</b>		500mA, PWM control
<b>Detector</b>	<b>RAD mode</b>	<b>Pixel resolution</b>	4096 * 4916 (1*2 binning)
		<b>Pixel Pitch</b>	98 * 128µm
		<b>Spatial resolution</b>	4.5lp/mm
	<b>FLO mode</b>	<b>Pixel resolution</b>	1228 * 1176 (4*6 binning)
		<b>Pixel Pitch</b>	450µm (4*6 binning)
		<b>Spatial resolution</b>	1.1lp/mm (4*6 binning)
		<b>Frame/second</b>	Max 15 (High Image Quality); Post-Image Processing
	<b>Active Image size</b>		360 * 432mm
	<b>Bit depth</b>		16bit

**Dimensions (mm)**

1,586±110

720±140

**Table**

300

850

810

880

550

870

2,050

**Input Voltage**  
220Vac 60Hz / 110Vac 60Hz

**Size**  
720 (W) \* 1586 (L) \* 2050 (H)

**Weight**  
about 240kg

**Patient Weight**  
Max. 100kg

\* This Dimension on this catalogue is about measurement of the "DynaVue", and it may be adjusted possibly.

**Easy to use**  
**ExamVue Fluoroscopy**

Real-Time Image Processing S/W

**From Image Stitching to DICOM 3.0**

DynaVue includes ExamVue features such as DICOM Modality Worklist, DICOM Print, Reject, CD-DVD Burn, Image Stitching, Procedure Code Mapping function

**FPS mode (High Image Quality)**

GPU based real-time image speed is 15 FPS when applied post-image processing engine

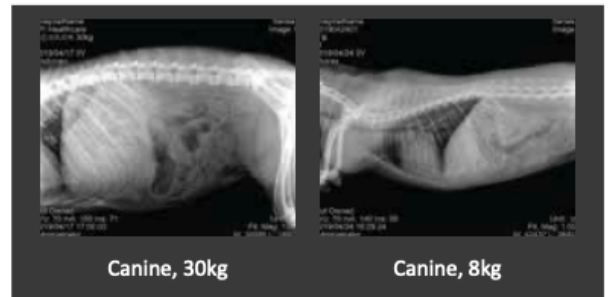
**Radiography + Fluoroscopy**

Available to choose each mode

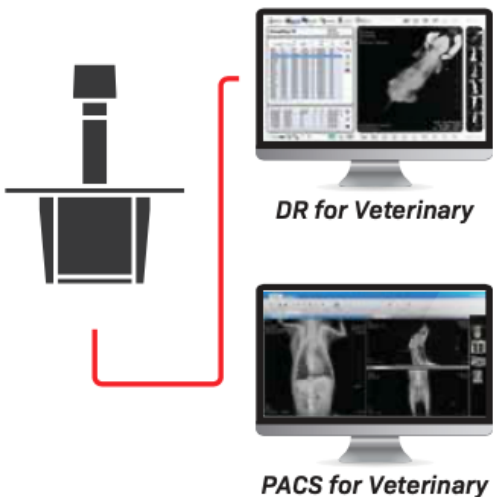
**FLO Sample Image**



**RAD Sample Image**



**ExamVue Software**



Frame rate control **to acquire real-time images** up to 15 FPS

DICOM Cine-loop Display (with Previous, Pause, Play and Image slider bar)

Imaging and Annotation Tools  
(VHS, Norberg Angle, Zoom, Pan, Crop, Invert, Rotation, Angle, Label, Text)

Powerful User Features  
(Image import / export, Image comparison, Multi view, Image expansion, Full screen, Auto collimation, Reject/Accept, Image capture, Smart APR (Anatomic Programmed Radiography))

*\* Only Available at Fluoroscopy Viewer*

Smart Window Level

DICOM3.0 Compatibility

Post Image processing mode for each body part

Changeable Skin color (Green Tea, Strawberry, Mint, Chocolate, Banana, Vanilla)

