JPI Healthcare
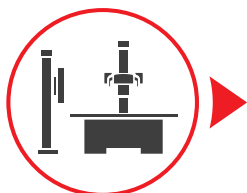Improving Quality of Life

X-Ray Grid

Radiography System

examvue
Software

Computed Radiography

Processor

X-Ray Accessories

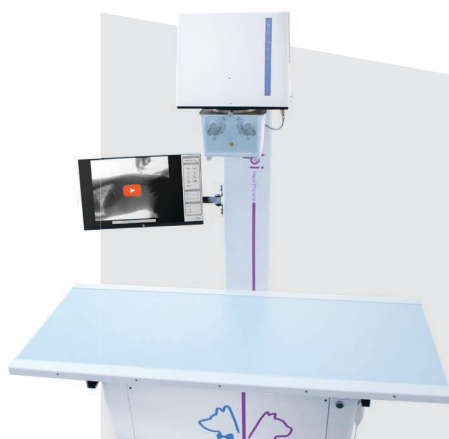RF Treatment

Diagnostics

X-Ray System

for Veterinary

DynaVue

Solution for Veterinary Interventional Radiology Examination

DR & Real-time Fluoroscopy

Advantage

- Larger FOV(14x17") compared to C-arm (max.12 inch)
- Image distortion free compared to C-arm (Image Intensifier)
- Space saving, 2 in 1 system
- Minimally invasive diagnostic and therapeutic procedures
- Real-time image processing (8 FPS for Fluoroscopy)

Total Imaging Solution for VET

Digital Radiography + Fluoroscopy
2 in 1 system

As Low As Reasonably Achievable (ALARA)
Pulsed fluoroscopy for reduced dose for you and your pet* 10ms/pulse

10kW Monoblock Generator
15kW Inverter based system

World's First Fluoroscopy with 36 x 43cm 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
Offering enhanced real-time Fluoroscopy
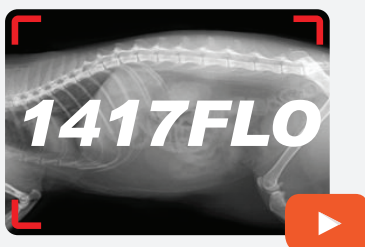
User Friendly Design

4 Way Floating Table
Enhance your workflow

23 inch Touch Screen Display
Intuitive UI

Large Field of View Dynamic Exam

1417FLO

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

Monoblock	**RAD** mode	Power	10kW (Inverter 15kW)
		mA	5mA ~ 100mA
		Exposure	200msec
		Focal Spot	0.6
	FLO mode	Power	3.5kW
		mA	0.5mA ~ 36mA
		Exposure	10min
		Focal Spot	0.3
		kVP	40 ~ 120kV(1kV step)
		Target Angle	16°
		Heat Capacity	150kJ
Collimator		Type	Double slit, Manual
		Initial Position	0cm * 0cm
		Max Position	36cm * 36cm
		Laser pointer	Class II
		LED Lamp	500mA, PWM control
Detector	**RAD** mode	Pixel resolution	4096 * 5104 (1*2 binning)
		Pixel Pitch	98 * 128μm
		Spatial resolution	4.5lp/mm
	FLO mode	Pixel resolution	1228 * 1176 (4*6 binning)
		Pixel Pitch	450μm (4*6 binning)
		Spatial resolution	1.1lp/mm (4*6 binning)
		Frame/second	8 (High Image Quality) ; Post-Image Processing 20 (High Speed) ; Original
		Active Image size	360 * 432mm
		Bit depth	16bit

Dimensions (mm)

300

1,900±250

Table

720±140

800

2,150

880

960

880

960
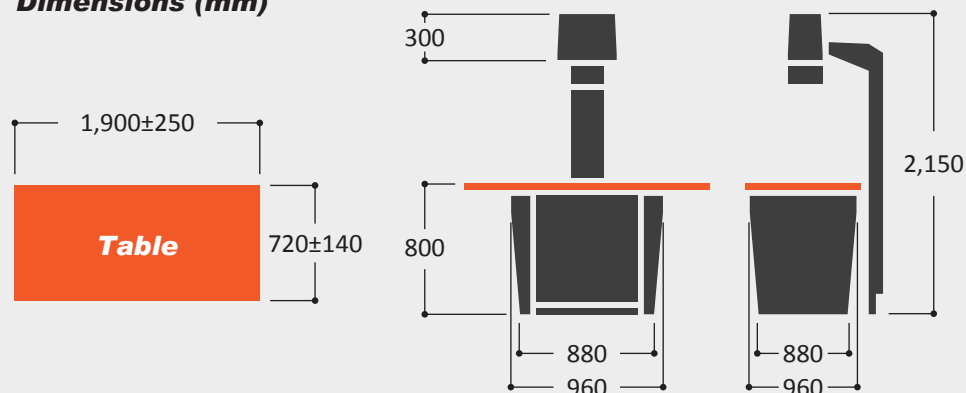
Input Voltage
220Vac 60Hz / 110Vac 60Hz

Size
720 (W) * 1,900 (L) * 2,150 (H)

Weight
250kg

Patient Weight
Max. 100kg

ExamVue Fluoroscopy

Real-Time Image Processing S/W

Features of our new radiology system

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

FPS mode (High Speed, High Image Quality)

CPU based real-time image speed is 20 FPS and 7.5 FPS when applied post-image processing engine

Radiography + Fluoroscopy

Available to choose each mode

FLO Sample Image

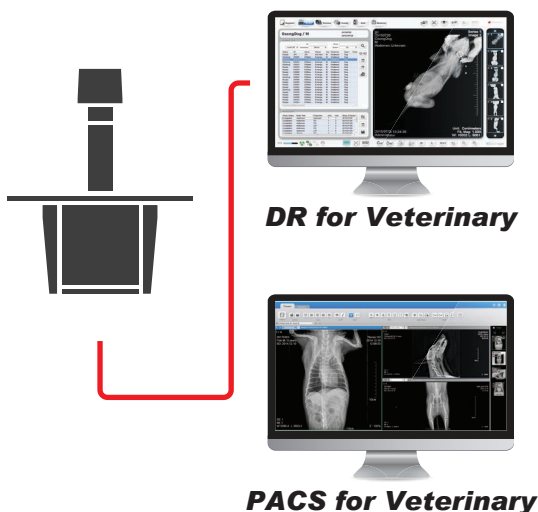Cat 4kg, 90Kvp, 0.31mAs, 8FPS | for FLO sample video

RAD Sample Image

Dog 10kg, 70Kvp, 8mAs | Dog 20kg, 80Kvp, 12mAs

ExamVue Software

DR for Veterinary

PACS for Veterinary

Frame rate control **to acquire real-time images** up to 20 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)

JPi Healthcare
Improving Quality of Life