

iSmart-32

Veterinary Digital X-ray Imaging System



Precision Imaging Decoding Every Detail for Life



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Patents & Certificates **30+**


- Unmatched Service
- Military-Grade Quality
- Superior Performance
- Industry Empowerment

High precision process




Extra thick steel plate
Medical grade spray coating

Can shoot dynamic




Capable of photographing animals in motion

Unique Three-door Design



More protective
Easy to open the inside of the machine for maintenance

Precision, safety and efficiency

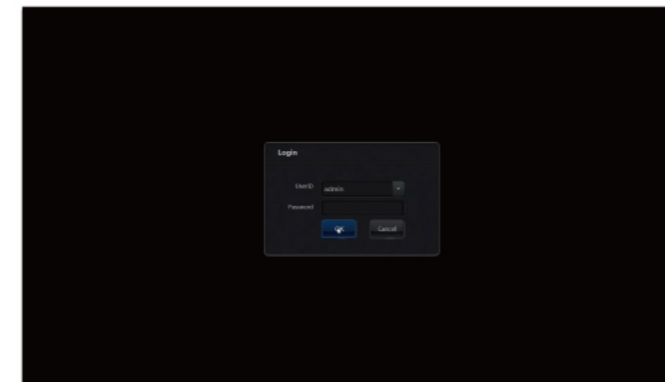


Industrial capacitive touch screen
Bedside can be operated by one person



iVetXray Software

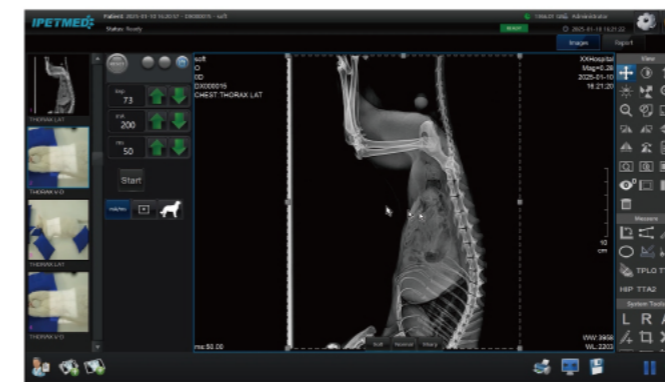
Precision, Efficiency, Flexibility



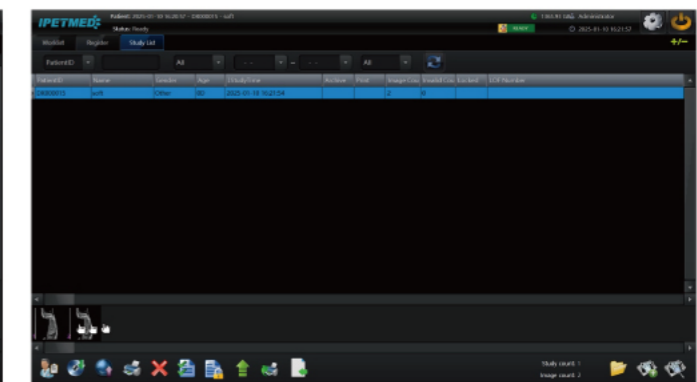
Step1



Step2



Step3

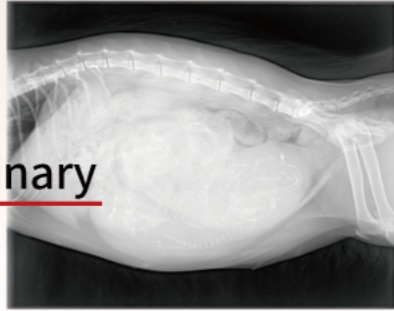


Step4

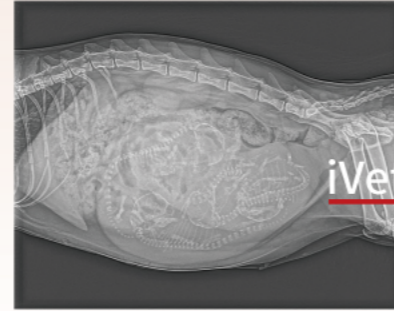
iVetCore

"iVetCore" Advanced Algorithms

Ordinary



iVetCore



X-rays that can capture animal dynamics

Iteration from pictures to videos

Observe the animal's condition more clearly in its dynamic state and make a more accurate diagnosis



Voice-controlled exposure

Capture the images you need efficiently and accurately



One-key Power On/Off

Fast power on/off

Streamline startup operationsto avoid increased errors



Single-operator Workflow

Positioning

Place the animal reference pictures in place



01

Exposure

Wear the lead suit, And choose any exposure method for exposure



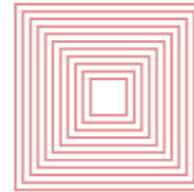
02

Diagnosis

Review imaging and diagnose your pet's condition

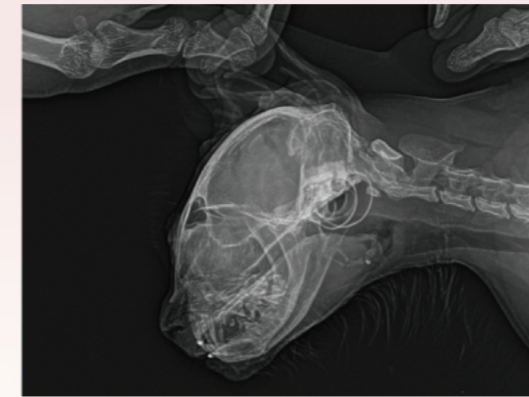


03

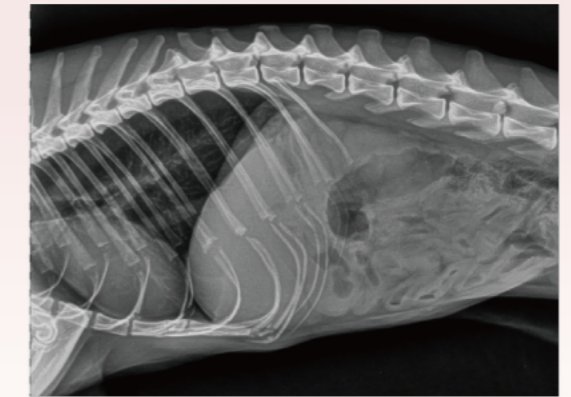


Specification

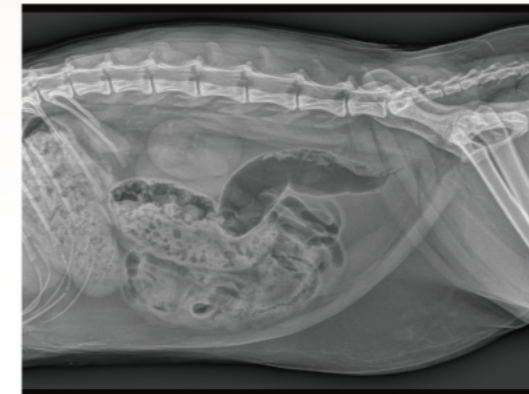
X-RAY GENERATOR SPECIFICATIONS	
Constant Potential kW ratings	32 kW
kVp Range	40 - 125 kVp
mAs Range	0.1mAs~125mAs
mA Range	Photography mode: 10 ~ 400 mA, Continuous fluoroscopy mode 0.5~10mA Pulse fluoroscopy mode: 0.5~100mA
Exposure Time	0.001-20 s
Tube	
Model	CW12
X-Ray tube	Rotating Anode (0.6 / 1.2 mm)
Thermal capacity:	300KHU
Anode input power:	Small focus 20-22KW/Large focus 40-42KW
Rack	
Table - top type	Floating - 4 way table-top
Table top length	Standard 140 cm, Optional: 120cm
Maximum load patient weight	200 Kg
Brakes	Electromagnetic
Flat panel detector	
Scintillator fluorescent material	Csl
Pixel spacing	139μm
Protection class	IP65
Spatial Resolution	3.6 LP/mm
Pixel matrix	3072 × 3072 pixels
A/D Conversion	16 bits



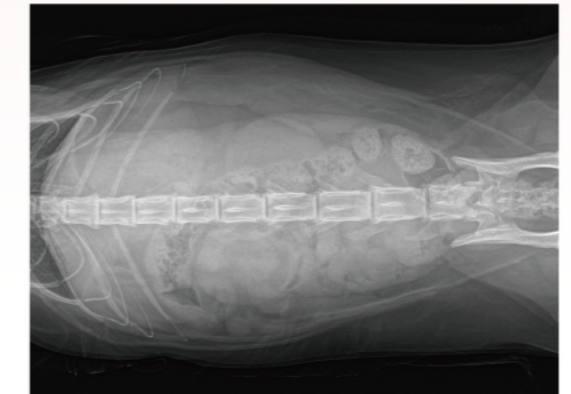
Skull lat



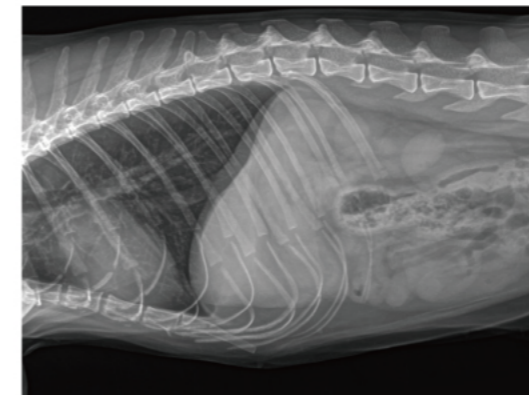
Chest Right Lat



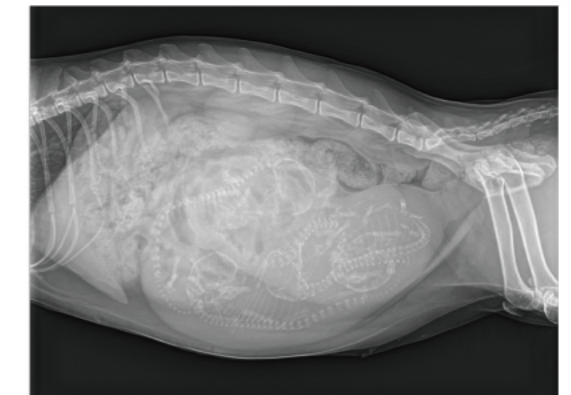
Abdomen Lat



Abdomen Ventrodorsal



Chest Right Lat



Abdomen Left Lat



Astragalus Lat



Limb

