



Vetoo Med Technology Professional DR Manufacturer

● Company Profile

Shenzhen Vetoo Medical Technology Co., Ltd. is a professional manufacturer of large animal imaging equipment in China. It is a high-tech enterprise focusing on the development, production and sales of veterinary medical related technologies, and is a domestic head pet DR Brand. The company has a strong independent research and development strength, with a number of national invention patents, representing China's top technical level in the field of veterinary medical imaging equipment.

The company has strict supplier management and quality control system, and is equipped with a perfect pre-sales and after-sales service system, which makes our DR Equipment in the Chinese market occupy a high share, the cumulative installed capacity has reached 2,800 units, and is well received by users.





Veterinary DR Solution



Vetoo DX-VF1

DIGITAL X-RAY IMAGING SYSTEM

- ★ DAEC technology ,easy for operation ,support more usage application
- ★ At most 15 minutes video mode ,especial for the difficult surgery like Heart, abdominal cavity, lung observation, bone localization, etc ,reduce the misdiagnosis
- ★ High resolution imaging effect ,meet request for all radiography
- ★ Full function tools and kindly software , easy for operation



What is Dynamic DR and advantages ?

Dynamic digital radiography machine is X-ray machine that converts digital information to imaging photo and video information .

Dynamic DR advantages

1	Meet all the functions of static DR: high-definition images, advanced measurement functions. Compared with static DR imaging, dynamic DR 30 frames per second, the video smooth without stuttering.
2	Dynamic observation: motor organs (esophagus, lungs, diaphragm, intestine, trachea), orthopedic surgery (joint placement ,Change, nail), positioning (foreign body, orthopedic positioning), etc., the use of a wider range of scenarios
3	Gastrointestinal angiography: esophagus, gastrointestinal peristalsis, emptying
4	Support DSA module, angiography technology to assist interventional surgery
5	At most 15 minutes Dynamic video mode per time ,help to learn more pathogeny to avoid misdiagnose, diagnosis cost is higher than static DR imaging more beneficial .



Contrast agent was injected, X-ray dynamic video was used to judge the cardiac condition, and DSA interventional surgery was supported



Feeding barium meal to judge the condition of esophagus, digestive tract, intestine, etc., to provide the basis for diagnosis



Veterinary DR Solution



21.5 inches HD touch screen

- Automatic selection of exposure parameters and software operation
- Images effect are clearly visible. Parameters using and adjustment when the radiography imaging
- To meet the veterinary clinical application and characteristics.



0.6/1.2mm small focus spot

- Small focus and high resolution imaging, suitable for cat/dogs and other pet
- At most 15 minutes
- Reduce misdiagnosis due to shortness of breath, nervousness, and tremors



17*17 inches Flat Panel Detector

- Cesium iodide evaporation technology, low radiation, 80% High DQE, 3.6Lp/mm limiting resolution
- DAEC tech parameters adjustment automatically



High Generator

- 32kw high power generator with a nominal current of 400 MA for perfect images for both large and small pets

Vetoo DX - VF1
DIGITAL X-RAY IMAGING SYSTEM





Installed capacity

Installed **2800** clinics and hospital Until 2023





HD video



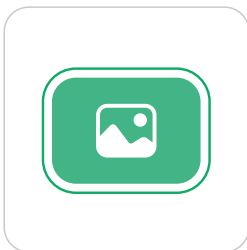
Cloud service

- ✓Real-time equipment diagnosis and service
- ✓Remote maintenance and upgrade
- ✓Online EQC system
- ✓Provide remote online technical support and training



Digital Imaging Support System

- ✓More than 400 preset programs and countless adjustment methods to freely combine various parts of the body
- ✓Quick and secure registration of emergency patients, quick search for patients or research digital rights
- ✓Support more than 10 national languages.



Effect of image

- ✓300kHz UHF inverter frequency,
- ✓KV ripple coefficient is less than 1%, output is stable,
- ✓Lower exposure dose,
- ✓Double focus,
- ✓Renders clear images.





Installation requirements



产品规格

Main size 205*151*95cm
Weight :120kg



Dimensional requirements

Min Radiation room size :2*1.5M
Width of Door :65cm



Power supply requirements

Power supply : 220V single-phase three-wire
High voltage independent power supply



DROV SOFTWARE

Capture patient images through DICOM Worklist, BDT/GDT, HL7 or other protocol data can also be manually acquired;

Infinite zoom, (measurement) lens, rotation, mirroring, etc.;

Quick and secure registration of emergency patients, and quick access to patient or research data;

Archive all research results and preserve search preferences;

Adjust window/level options/gamma correction/filter sharpening/noise reduction;

Measurement function: TPLO, TTA, HD, etc.;

Images can be exported to PNG, TIFF, BMP and DICOM formats;

More than 400 preset programs and countless adjustment methods to freely combine various parts of the body;

Can be connected with Image Management Software (PACS).

X Ray generator

Power supply voltage: single-phase three-wire

system $220V \pm 22V$ Power frequency: $50Hz \pm 1Hz$

Nominal current: 400ma

Maximum output power: 32kW

Working frequency $\geq 300kHz$

Maximum peak tube voltage: 125kV



DR Detector Panel

Detector: CareRay1800Le

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