



## 110V Veterinary Digital Radiography Equipment Digital Mobile X Ray Machine

Our Product Introduction

### Basic Information

- Place of Origin: CHINA
- Brand Name: VOLITION
- Certification: ISO13485、FSC
- Model Number: Picke 1800DR/500
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Standard Exportation Package
- Delivery Time: 7-15 work days
- Payment Terms: LC, T/T, D/P, PayPal, Western Union



### Product Specification

- Type: Floor-mounted
- Power Supply: 110V/220V/380V
- Output Power: 50kw/32kw High Frequency Generator
- X-ray Tube: Cannon
- Column: Motor-driven
- Detector Size: 17"x 17"
- Collimator: LED
- Highlight: **110V veterinary digital radiography equipment , Mobile veterinary digital radiography equipment , 110V digital mobile x ray machine**



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## Product Description

Picke-1800 DR/500 is a new generation digital medical X-ray imaging system successfully developed by VOLITION. High standard design concepts,

professional manufacturing processes, and strict testing processes achieve excellent quality. While fully meeting your clinical testing needs, make

clinical work more relaxed and enjoyable.

50Kw high-frequency generator and high heat capacity X-ray tube provide strong guarantee for outputting high-quality X-rays;

Adopting the company's original image acquisition system and a powerful image algorithm independently developed by the R&D team; Adhering to

the principle of image first, ensuring clear images;

Electric chest X-ray holder with automatic tracking and alignment and compartment remote control function, easy and simple to operate; Can

connect to hospital PACS system; Remote maintenance and parameter calibration; The image post-processing function is powerful.

	Part	Model	Features and Performance description
1	High Voltage Generator (MOS Technology)	DTXR-50	Input:110v/220v/380v; Output power:50kw; Inverter frequency>300KHz; Tube Current:10~500mA Current time product: 0.1mAs~630mAs; Tube Voltage: 40~125KV; Can be directly connected to the network cable remote control for remote fault diagnosis and maintenance.
2	X-ray tube (Cannon)	E7242X	Dual-focus 0.6mm/1.5mm, power 20/46KW, maximum current 500mA , maximum voltage125KV, Heat storage capacity 200KHU
3	Flat Panel Detector	Careview 1800L	Strontium iodide amorphous silicon panel. Pixel matrix > 3072 x 3072; Imaging area: 430x430mm" Pixel size: 140μm, Spatial resolution: 3.5Lp/mm, AD conversion 16bits; MTF:> 60% @1lp/mm> 20% @3lp/mmDQE:(@RQA5, 30μGy)>65% @0lp/mm >20% @3lp/mm Dynamic Range: >80dB Imaging time: The output time of the original image is less than 3 seconds, and the post-loading software processing should be about 5 seconds.
4	Photograph Bed	SYC-2	Detector longitudinal motion range: 1000mm Table lateral movement 180 mm. Bed panel material: polycarbonate polymer panel Mechanical Motion Control: Manual electromagnetic lock. SID1000mm, Korean vibrating grid
5	Tube stand	ZJ-1	The X-ray tube assembly moves up and down no less than 900mm; Longitudinal movement is not less than 1800mm; X-ray tube rotates along the horizontal axis $\geq \pm 180^\circ$
6	Collimator	XSQ-1	The total number of deviations between the sides of the ray radiation field and the respective sides of the light field does not exceed 3% of the distance from the field plane to the focal point. The sum of the deviations of the two axes should not exceed 4% of the indicated focal point to the detector plane.
7	Photograph Stand	SYJ-1	Detector activity: Vertical movement no less than 900mm; SID1800mm, Korean vibrating grid
8	DR Image Processing Software Workstation	Picke-DR	BGD Sequential Interconnection Acquisition Software, DICOM3.0 standard, pre-selection of projection site; preset image brightness/contrast, window width/window position; organization equalization technology preset; image enhancement and sharpening technology preset; image segmentation, transmission, printing, etc. Can be connected with PACS system.
9	Computer Host DELL	Picke2011	CPU 2GHz or more, memory > 4G hard disk > 2000G, can store pictures in large capacity.
10	Professional Diagnostic Display	ML2002	Size: 21.3"; Type: Monochrome; Mpixel:2MP; Resolution: 1600x1200; Max Brightness: 1900cd/m <sup>2</sup> ; Grayscale tone:16bit.
11	Remote Box		Can be remote controlled tube stand and photography frame, suitable for large-size chest X-ray examination
12	Operation display		Size: 19"; Brand:Dell.
13	Documents		Registration document, manual, product certification

\*Optional: Large capacity UPS power supply; 40AH; can be exposed 2000 times after power outage; Idle standby for more than 12 hours;

Accurate control of automatic power replenishment.

\*Customizable according to customer requirements



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