

PET USE SPECIFIC MULTI-FUNCTION CT(DX-AUTO-3)

DX-AUTO-3 PET USE SPECIFIC MULTI-FUNCTION CT

The open ring gantry and modular design enable seamless switching between multiple imaging modes such as CT, DR, dynamic DR, O-arm, and DSA. The extra-large scan aperture can accommodate large dog breeds weighing up to 80kg.



PET USE SPECIFIC MULTI-FUNCTION CT(DX-AUTO-3) Advantages

Supports Large Pets

The ring gantry, combined with an 80cm extra-large scan aperture, can accommodate large dog breeds weighing up to 80kg, solving the spatial limitation problems encountered when scanning Golden Retrievers, Alaskan Malamutes, and other large pets with traditional equipment.

Humanized (Pet-Friendly) Design

The open structure allows veterinarians to observe the pet's condition in real-time during the scan. The gantry's externally mounted rotating mechanism uses silent drive technology to reduce operating noise and further minimize acoustic stimulation for sensitive pets.

Stable Operation with High Power

While maintaining a high power output of 20Kw, it ensures the stability of the gantry in the event of sudden pet movement. Its ring support structure significantly reduces the swing amplitude of the tube, effectively eliminating motion artifacts during dynamic DR imaging.



PET USE SPECIFIC MULTI-FUNCTION CT(DX-AUTO-3) Imaging Modes

01

Static/Dynamic
DR Mode



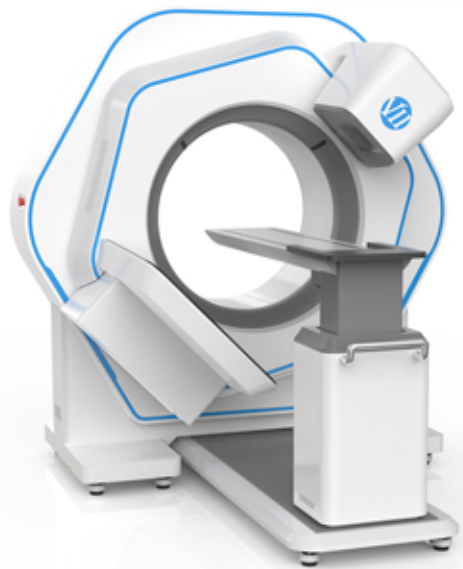
03

CT Scan Mode
360° Rotation



02

O-Arm Mode
Static/Dynamic DR



04

DSA Mode
(Optional)



PET USE SPECIFIC MULTI-FUNCTION CT(DX-AUTO-3) Product Features



Six-in-One Functionality

CT, DR, Dynamic DR, O-arm, DSA
(Optional), Dental Panoramic

Wide-Area Imaging Field of View

Easily achieves a 42cm*86cm
wide-area imaging field of view

Small Footprint

Occupies less than 7 square
meters, saving space

Foldable Flat Panel Design

Foldable flat panel design, only
80cm wide when folded, making
it easy to move



Supports 3-Phase
Contrast
Enhancement



Supports CT
Breath-Hold



6-Second
Minimum
Scan Time



1.8lp/mm Image
Spatial Resolution



Integrated,
Mobile

PET USE SPECIFIC MULTI-FUNCTION CT(DX-AUTO-3) Product Features



Real-time Observation

The open structure allows veterinarians to observe the pet's condition in real-time during the scan, making it particularly suitable for intraoperative monitoring of critical cases.



Ultra-Low Noise

The gantry's externally mounted rotating mechanism uses silent drive technology to reduce operating noise and further minimize acoustic stimulation for sensitive pets.



Integrated Design

The open ring gantry and modular design enable seamless switching between multiple imaging modes such as CT, DR, dynamic DR, O-arm, and DSA.



Dedicated cone-beam computed tomography system for pets, integrating CT, DR, dynamic DR, and O-arm modes to meet all animal X-ray diagnostic needs.

6-Second Minimum Scan Time

Effectively reduces motion artifacts, ensuring the acquisition of clear image data.

6

1.8

High Spatial Resolution of 1.8lp/mm

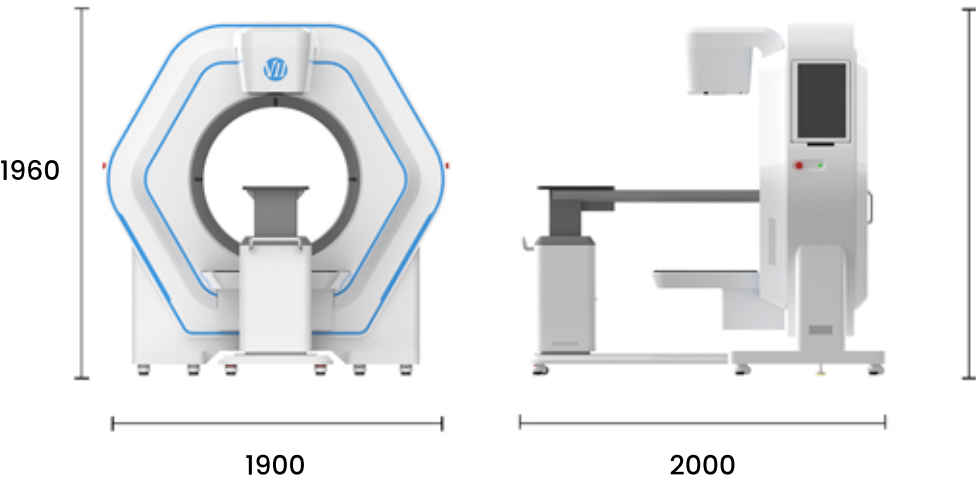
Enables the equipment to clearly present fine anatomical structures.

CT Scan Aperture of 80cm

Can easily accommodate large dogs with a standing height of up to 70cm.

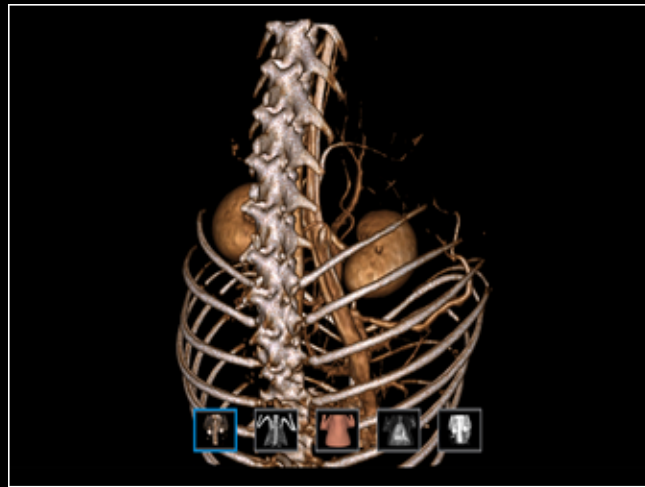
80

SIZE (mm)

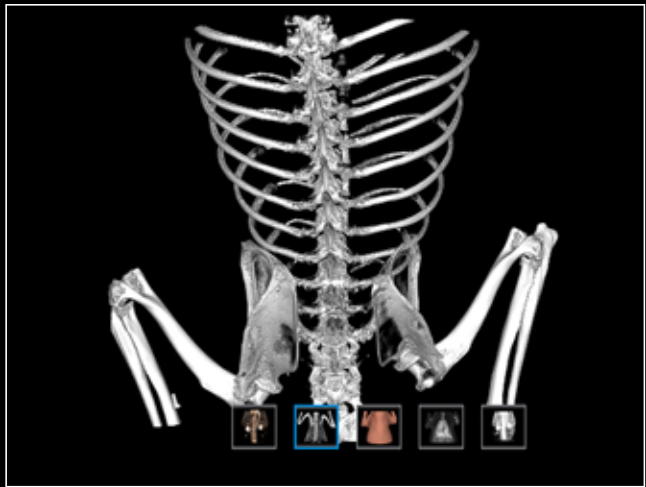


No.	Function	CT, DR, Dynamic DR
1	Gantry Structure	O-arm
2	CT Maximum Imaging Field of View	Diameter 42cm, Length 86cm
3	CT Image Spatial Resolution	1.8lp/mm
4	CT Minimum Scan Time	6S
5	DR/Dynamic DR Imaging Field of View	43cm x 43cm
6	DR/Dynamic DR Image Spatial Resolution	≥3.6lp/mm
7	Overall Dimensions	See Dimensions Marked in the Image Above

CT CLINICAL IMAGES



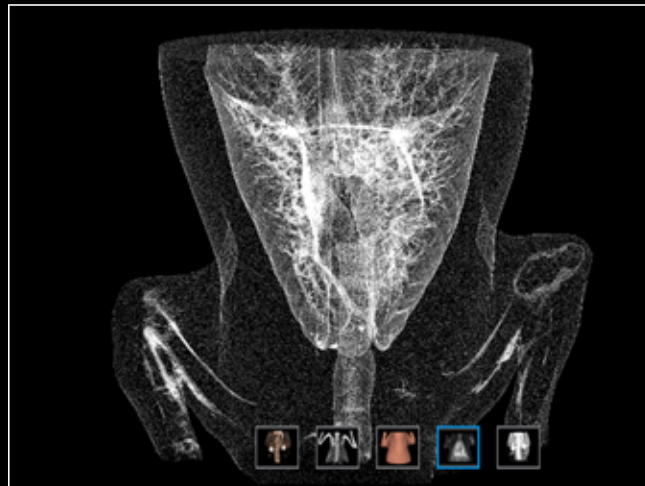
BLOOD VESSEL MODE



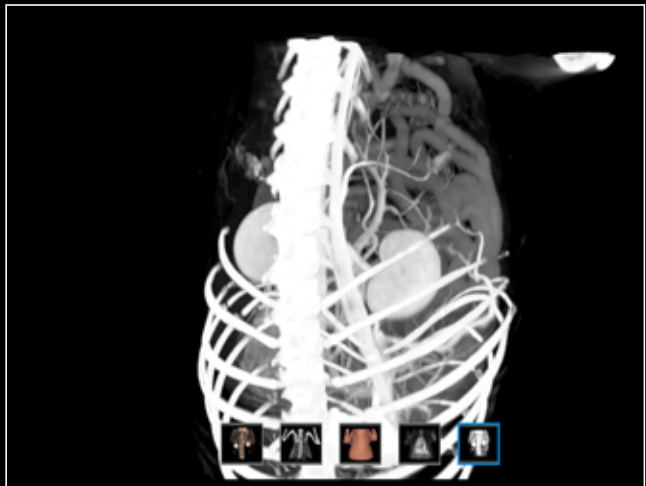
BONE PATTERN MODE



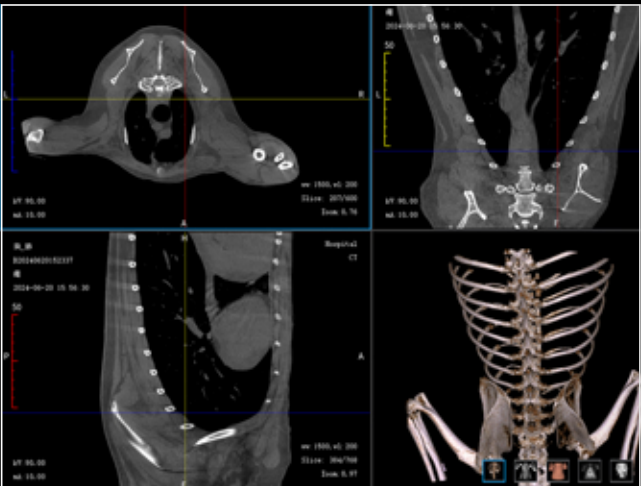
SKIN MODE



PULMONARY MODE



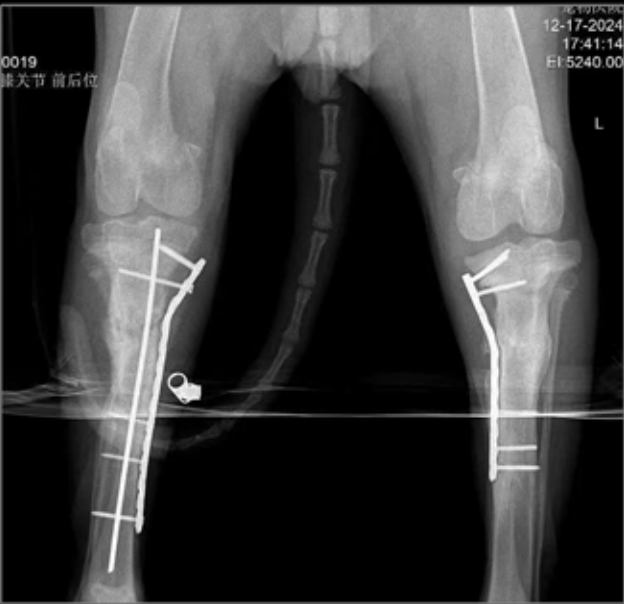
MIP ENHANCEMENT



INTERFACE

CT CLINICAL IMAGES

• Static DR Images



• Dynamic DR Imaging

