

The Power of Advanced CT in Your Practice

myvet CT i3D



ADVANCED CT TECHNOLOGY FOR ACCURATE DIAGNOSES



Exceptional Clarity for Companion Animal Patients

Seamless Scanning Workflow

Cost-Effective CT Imaging Solution

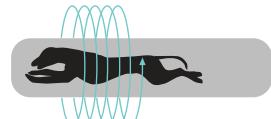
ACQUIRE HIGH QUALITY CT IMAGES TO MAKE PRECISE CLINICAL DIAGNOSES



Spiral Linear Technology for Exceptional Clarity

The innovative MyVet i3D Spiral CT, with linear detector technology specifically designed for small animals, resulting in exceptional image quality and accuracy for diagnosis.

Utilizing our unique sensor design, along with proprietary image processing, provides you with high image quality especially in soft tissue thoracic, and abdominal studies.



SPIRAL LINEAR SCANNING

INTUITIVE VISUALIZATION TOOLS

Advanced Analysis Software with Standard 3D Capabilities

Utilizing a state-of-the-art 3D graphics engine, our myvet view platform enables precise diagnosis and accurate measurement of affected areas from multiple viewpoints, providing unparalleled insights for veterinary professionals.



- Small animal specific preset technique
- Standard 3D rendering reconstruction
- Intuitive guidance during imaging acquisition process
- Multi-section view control



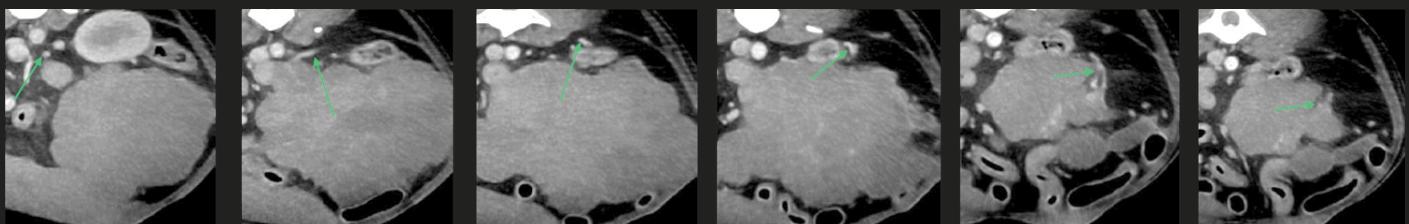
ACQUIRE HIGH QUALITY IMAGES TO MAKE PRECISE CLINICAL DIAGNOSES

Our unique CMOS detector design minimizes scatter radiation, resulting in superior soft tissue visualization compared to cone beam CT technology, which can produce higher levels of scatter radiation and compromise image contrast.



Multiview - 3D in kidney mode, Sagittal view, Coronal view

Thorax, Axial view, Lung slice



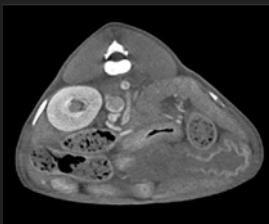
Transverse, Soft tissue window

THE PREFERRED WHOLE BODY SCANNING METHOD

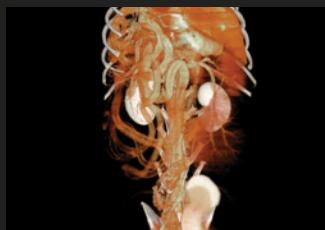
The MyVet CT i3D system utilizes a medical reconstruction algorithm that generates high-quality 2D and 3D tomographic images by processing x-ray projection data acquired from various angles around the patient. The selection of specific reconstruction kernels, tailored for different clinical applications, ensures superior image quality.



Thorax transverse plane



Abdomen transverse plane



3D, Soft tissue abdomen mode

Internal medicine

- Portal, delayed phase
- MPR
- Soft Tissue Abdomen preset
- Soft Tissue Lung preset
- Soft Tissue Kidney preset
- Soft Tissue Blood preset



3D, Panoramic view



3D, Teeth mode

Dentistry

- 3D mode
- 3D panoramic view
- Teeth preset



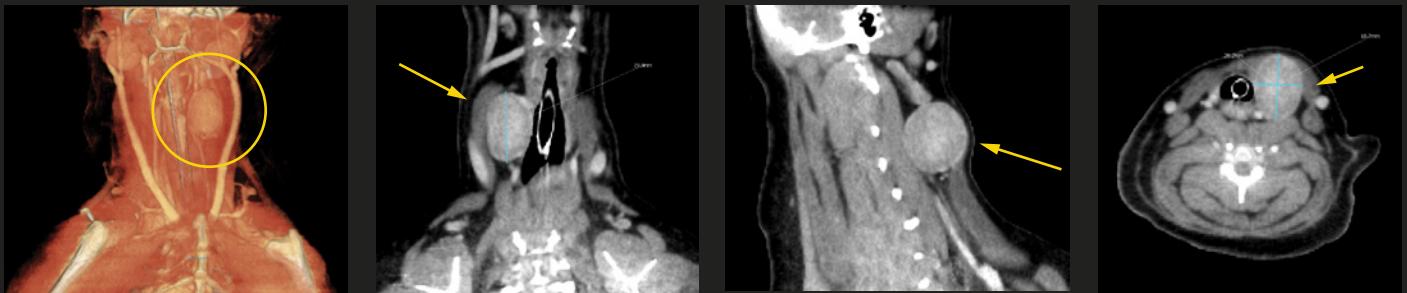
3D, Bone mode



MPR, Bone mode

Surgical, Orthopedic

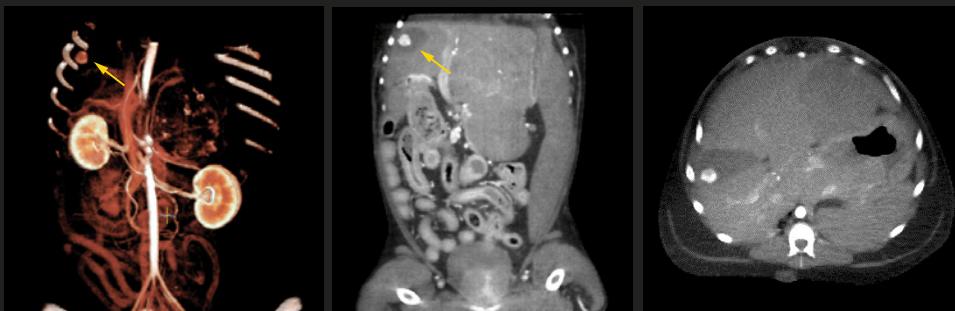
- 3D mode
- MPR
- Bone Preset



Pomeranian, CT-cervical lesion

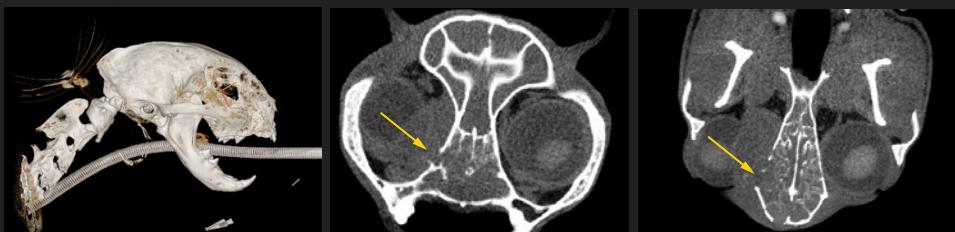
Oval shaped, encapsulated homogenous soft tissue attenuated mass in cervical lesion

- Mass location : just right lateral to trachea of cervical 3 level
- Mass size : 30 mm (L) x 26 mm (H) x 18.7 mm
- Mass effect : mild displacement of trachea to left side, medio-dorsal displacement of Rt. common carotid artery.

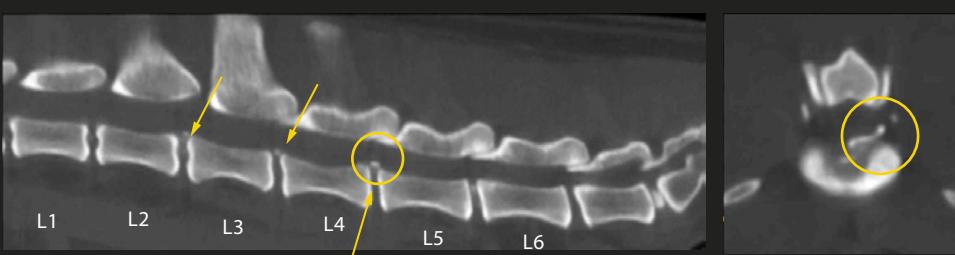


Hepatobiliary tracts

- Well-defined, round shaped, bone attenuated material in GB
- A small, well-demarcated, irregular marginated, contrast non-enhancing hypoattenuated lesion in Rt. medial liver lobe



Feline, CT-orbital mass



Canine, French Bulldog, Cervical IVDD

- Mineralized foci are noted in the dorsal aspect of the L2-3, L3-4, and L4-5 levels of the spine.
- Specifically, at the L4-5 level, a mineralized structure is visualized in the left paraspinal region adjacent to the spinal canal.



Maltese, CT-Pelvic fracture

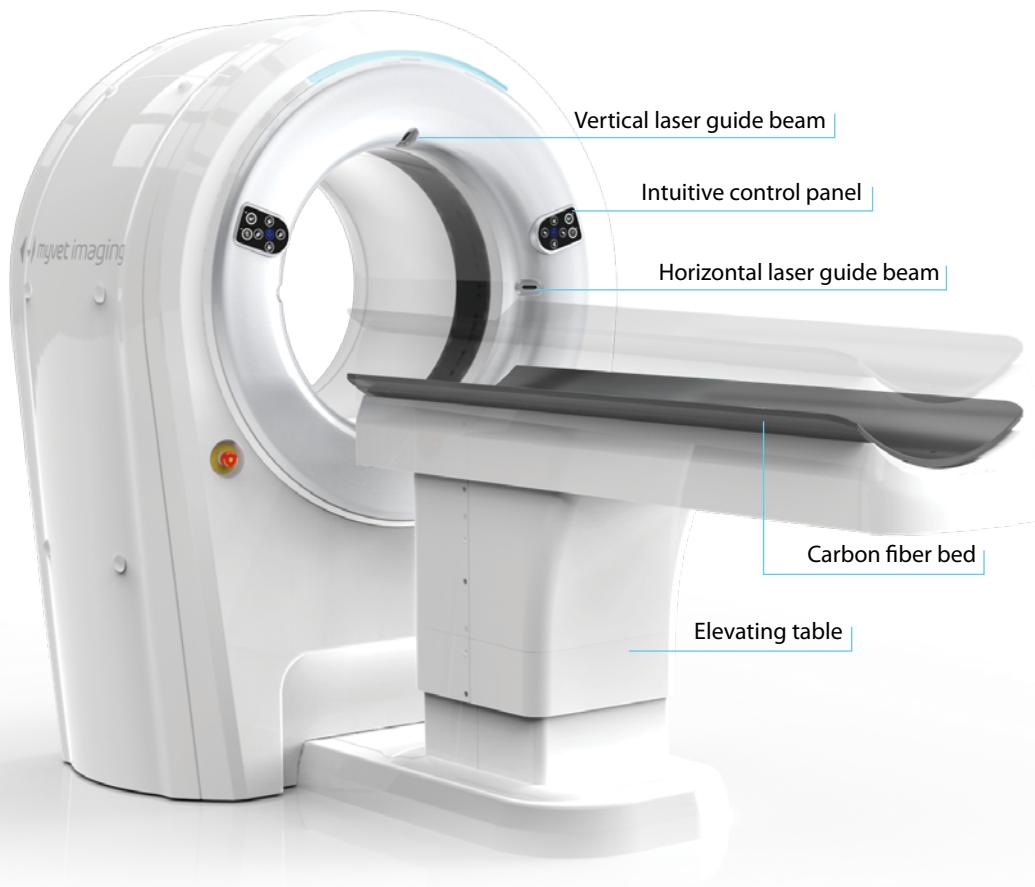
- Bilateral iliac body Fx.
- Rt. pubic Fx.
- Deformans in L4-5

ENHANCED WORKFLOW IN A COMPACT FOOTPRINT

Seamless Scanning Workflow and Smooth Patient Access

MyVet CT i3D features a motorized elevating, carbon fiber bed, which can be conveniently controlled via a panel on the system. This provides easy and comfortable access to the gantry for both the operator and the patient, ensuring an efficient scanning process.

Equipped with three laser beams, including two horizontal and one vertical beam, the MyVet CT i3D provides precise guidance for correct positioning. These laser beams ensure accuracy and efficiency, resulting in high-quality images and a streamlined workflow for the operator.



Laser guide beam



Easy control panel



Motorized sliding bed

THE POWER OF SIMPLICITY

Easy to Learn, Easy to Use

MyVet CT i3D is designed with simplicity and ease-of-use in mind, allowing even non-experienced technicians to quickly learn and operate the system. With intuitive controls, the operator can easily select the patient type, appropriate technique, and initiate scanning with the push of a button. This streamlined process reduces the potential for operator error, ensuring consistent and accurate results.

As Simple as 5 Steps for Scanning

- 1 Select CT Mode
- 2 Select FOV
- 3 Select Slice Thickness
- 4 Select Parameters
- 5 Select Confirm



SMART INVESTMENT

Cost-effective solution for veterinary practices that require advanced imaging capabilities.

MyVet CT i3D can be easily installed in most common small veterinary clinic rooms without the need for extensive modifications or costly upgrades to electrical infrastructure. Our CT system provides a cost-effective solution with reduced installation and operational expenses, making it an economical choice for veterinary practices.

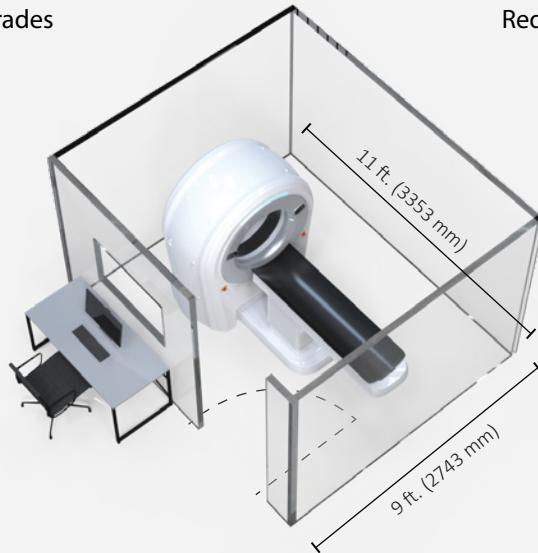


- Elimination of Electrical Upgrades
- Cost-Effective Maintenance
- Space-Saving Design

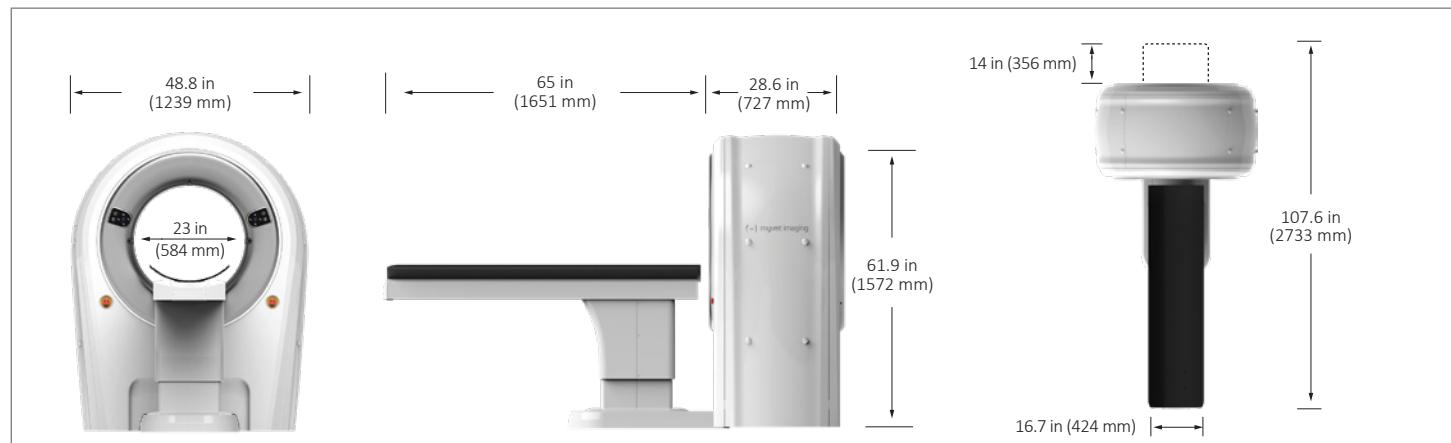
Reduced Shielding Requirement ■

Affordable Installation ■

Efficient Running Cost ■



SPECIFICATIONS



Item	Description
Weight	1322 Lbs (599.5 Kg)
Dimensions (L x W x H)	93.7 x 48.8 x 61.9 in (2379 x 1239 x 1572 mm)

Item	Specification
Tube Voltage	60 - 120 kVp
Line Voltage (Input)	100 - 240 Vac
Installation type	Base - column - bed integrated type

* Specifications subject to change without prior notice *

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