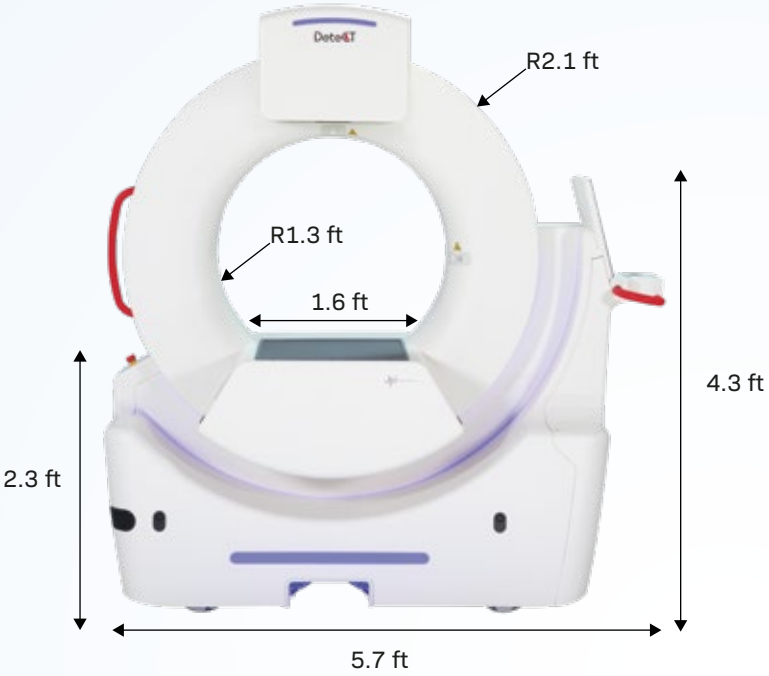
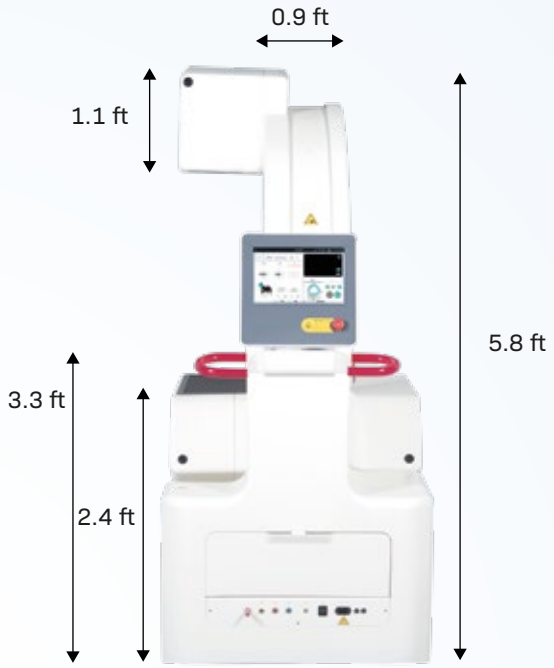
JPI Animal Health

DeteCT Vet





Highlighted Features

- Multimodality - pulsed CT to reduce patient exposure
- Mobile solution easy to install without hidden cost
- Designed for companion Animal and Exotics
- Power Input: 220V 15A
- Scan time acquisition 19s + 46s reconstruction

ExamVue CT Suite Software

Built on JPI's ExamVue Duo Software, ExamVue CT Suite is JPI's proprietary image acquisition and processing software platform that powers the DeteCT system's imaging workflow from capture to diagnosis.

Its touchscreen-optimized interface gives veterinarians and veterinary technicians a complete toolset for image capture, annotation, and post-processing — including window/level adjustment, zoom, crop, rotation, and labeling.

Advanced features like image stitching, multi-view display, and automated reject/accept analysis to speed up exam throughput.

Full DICOM 3.0 support ensures seamless integration with the PACS, RIS, and Modality Worklist systems already in use at the practice.



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Technical Specifications

Specification	Value
Output Power	
RAD	10kW (Continuous)
FLO	2.3kW (Pulsed)
CT	10kW (Pulsed)
kVP	
RAD	40 ~ 120kV (1kV step)
FLO	40 ~ 115kV (1kV step)
CT	40 ~ 120kV (1kV step)
mA	
Continuous RAD	10~160mA
Pulsed FLO	1mA ~ 10mA (1mA step) 10mA ~ 20mA (2mA step)
Pulsed CT	Small : 1mA ~ 20mA Large : 1mA, 5mA ~ 100mA (5mA step)
Max. Exposure Time	
RAD	10~200ms
FLO	~10min
CT	6~20sec
Monoblock	
Input	220VAC 15A 50/60 Hz
Maximum Power	10kW
Target Angle	16
Focal Spot	0.3/0.6
Inherent Filtration	0.7mm al eq

Specification	Value
CT Body	
Weight	1322.77 lbs
X-ray Tube	
Target Angle	16°
Focal Spot	0.3 / 0.6
Collimator	
Inherant Filtration	1mmAl
Dimensions	4.33” (H) x 9.37” (L) x 7.16” (W)
Focal Field Size (FD 3.28ft)	Min: ≤ 0.78” x 0.78” Max: ≥ 17.71” x 17.71”
Input Power	
Power Consumption (Max)	2.2kVA
Power Consumption (Idle)	220W
Fuse	250V ~ T15AH 5020 Size

Technical Specifications

Specification	Value
Environmental Condition	
Ambient Temperature (Use)	10°C - 40°C
Ambient Temperature (Storage)	-20°C - 55°C
Relative Humidity (Use)	20% - 75%
Relative Humidity (Storage)	10% - 95%
Atmospheric Pressure (Use)	700 - 1060hPA
Atmospheric Pressure (Storage)	700 - 1060hPA

