

# VetCAT™

## space

Dimensions	32 W x 47 L x 60 H in 81 W x 119 L x 152 H cm
Weight	450 lbs / 204 kg
Effective Bore Size	25 in / 63.5 cm diameter
Gantry rotation	360 degrees

## power

Line Voltage	~120V / ~230V
Line Frequency	50-60 Hz
Line Current	5 A Standby / 2.5 A Standby
Peak Current	10 A Max / 5 A Max

## protocols

### Acquisition Protocols

	Frames	Exposure	Effective Dose
Bone (full dose)	600	20 seconds	0.274 mSv
Bone 22 x 8	600	20 seconds	0.188 mSv
Bone (low dose)	300	20 seconds	0.076 mSv

### Reconstruction Protocols

	Field-of-view	Resolution
Bone (full dose)	22 cm x 13 cm axial	0.3 mm
Bone 22 x 8	22 cm axial, 8 cm height	0.3 mm
Bone (low dose)	22 cm x 13 cm axial	0.3 mm
Region of Interest (ROI)	User-defined	≥ 0.07 mm



SPECIFICATIONS

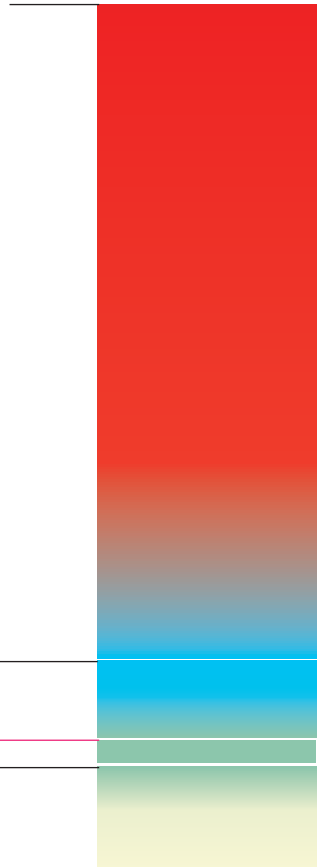
# RADIATION DOSE COMPARISON

Conventional head CT 2.0 mSv average

Mammography 0.4 mSv

VetCAT 0.274 mSv

Naturally occurring background radiation 0.26 mSv/month



Effective Dose  
mSv

Sources at [xorantech.com/RadiationDose](http://xorantech.com/RadiationDose)

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