

XCT 3000 Research

Peripheral quantitative computed tomograph (pQCT) for the measurement of larger laboratory animals like dogs, sheep or primates. Evaluation of volumetric bone density, bone geometry and muscle parameter.



TECHNICAL DATA	
Type number	
Classification	Animal
Dimensions (l/w/h)	50 x 29 x 36 in
Weight	198 lbs
Numbers of detectors	12
CT Collimator	0.7x4
Angle between detectors	1°
Number of projections per block	180
Number of blocks	1
Spot size	50 μ
Filter	105 μ Cu
Source collimation	0.5
Slice thickness	0.5–2 mm
Measurement diameter	10.6 in
Voxel size	0.2–1.0 mm
HV	58–62 kV
Nom. HV	60 kV
Anode current	< 550 μ A
Nom. current	130 μ A
Gantry opening	11.8 in
Max. way of travel	15.7 in
Radiation dose CT	N/A
Radiation dose CV	N/A
Scan time	90 s
Option and accessories	Tibia Holder

Contact us for your personalized service, training and pricing.