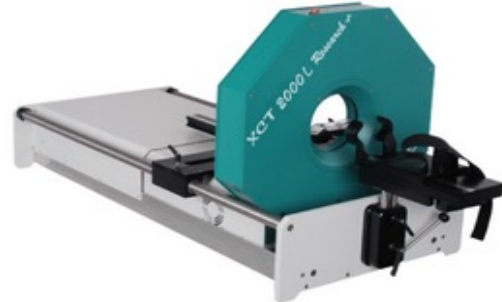


## XCT 2000L Research+

Peripheral quantitative computed tomograph (pQCT) for the measurement at radius or tibia with variable collimation. Evaluation of volumetric bone density, bone geometry and muscle parameter at the forearm or lower leg using pQCT.



TECHNICAL DATA	
Type number	
Classification	Human/Animal
Dimensions (l/w/h)	50 x 22 x 24 in
Weight	99 lbs
Numbers of detectors	12
CT Collimator	0.4x4-0.4x1
Angle between detectors	1°
Number of projections per block	180
Number of blocks	1
Spot size	50 $\mu$
Filter	250 $\mu$ Cu
Source collimation	0.4x0.7
Slice thickness	0.5–2.0 mm
Measurement diameter	5.5 in
Voxel size	0.1-1.0 mm
HV	56-60kV
Nom. HV	58 kV
Anode current	N/A
Nom. current	130-500 $\mu$ A
Gantry opening	5.5 in
Max. way of travel	15.7 in
Radiation dose CT	< 0.001 mSV
Radiation dose CV	< 0.001 mSV
Scan time	90 s
Option and accessories	Tibia/ Radius Holder, Lifter Table

Contact us for your personalized service, training and pricing.