

## XCT Research SA+

Peripheral quantitative computed tomograph (pQCT) for the measurement of small laboratory animals like mice or rats. Evaluation of volumetric bone density, bone geometry and muscle parameter at small laboratory animals like mice and rats using pQCT.



TECHNICAL DATA	
Type number	
Classification	Animal
Dimensions (l/w/h)	37 x 22 x 24 in
Weight	99 lbs
Numbers of detectors	12
CT Collimator	0.3x1.5-0.2x0.2
Angle between detectors	1°
Number of projections per block	180
Number of blocks	1
Spot size	51 $\mu$
Filter	106 $\mu$ Cu
Source collimation	0.5
Slice thickness	0.12–.07 mm
Measurement diameter	3.5 in
Voxel size	0.2–1.0 mm
HV	58–62 kV
Nom. HV	60 kV
Anode current	< 550 $\mu$ A
Nom. current	130 $\mu$ A
Gantry opening	3.5 in
Max. way of travel	6.7 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.