

vivaCT 80



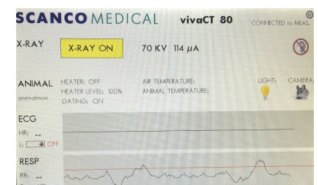
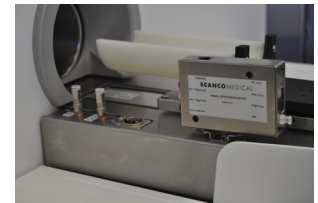
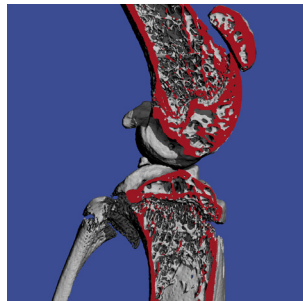
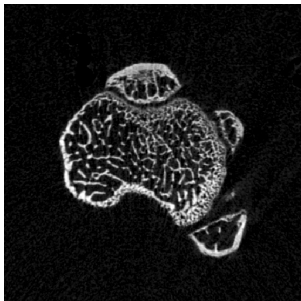
SCANCO MEDICAL

Specifications

vivaCT 80 Specifications

Geometry	Small Angle Cone-Beam
Peak Energy	30-70 kVp (3 levels preset and calibrated)
Variable Focal Spotsize	5/7 μm (4/8W)
Scan Diameter (FOV)	32-80 mm
Fastest Scan Time	20 sec
Max. Scan Length	145 mm
Resolution (Nom. /10% MTF)	3.9-160 μm / <14 μm
Image Matrix :	512 x 512 up to 8192x8192

Integrated Observation Camera
 Integrated Heating Chamber
 Integrated Animal Monitoring Unit
 Integrated Gating Unit
 Different Animal Beds (Limbs, Full body, Mouse, Rat, Specimens etc.)
 Optional Large Hood Configuration
 Density Calibration
 Quality Control Phantoms included



vivaCT 80, mouse knee, calvaria, rabbit vertebra, mouse lungs

Computing

HP Integrity Server, 64 bit	rx2800 i4	bl860/bl870/bl890 i4
RAM	32 to 384 GB	32 to 1536 GB
CPU/cores	1/4, 1/8, 2/16	1/8 to 8/64
Disks (single disk or RAID)	1 TB to multiple TB	1 TB to multiple TB
Network connection to scanner (allows long distance placement)		

GPU reconstruction optional
 Clustering of multiple rx2800/bl8x0 possible to enhance throughput

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