

vivaCT 80



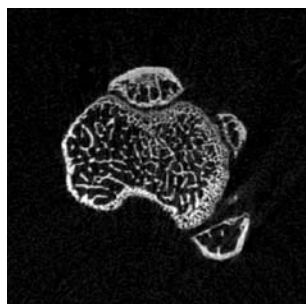
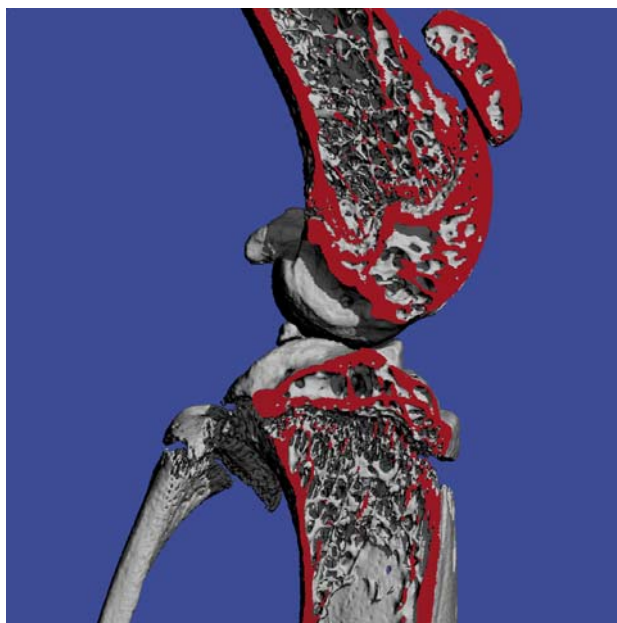
SCANCO MEDICAL

Specifications

vivaCT 80 Specifications

Geometry	Small Angle Cone-Beam
Peak Energy	45-70 kVp
Variable Focal Spotsize	5/7 μ m (4/8W)
Scan Diameter (FOV)	32-80 mm
Max. Scan Length	145 mm
Resolution (Nom. /10% MTF)	4-160 μ m / <14 μ m
Image Matrix :	from 512 x 512
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 Rabbit Configuration
 Density Calibration
 Quality Control Phantoms included



vivaCT 80, mouse knee, 32 mm FOV, 10 μ m voxelsize

Computing

HP Integrity Server, 64 bit	rx2800 i2	bl860/bl870/bl890 i2
RAM	8 to 384 GB	8 to 1536 GB
CPU/cores	1/4 to 2/8	1/4 to 8/32
Disks (single disk or RAID)	300 GB to multiple TB	300 GB to multiple TB
Network connection to scanner (long distance if needed)		

Clustering of multiple rx2800/bl860/bl870(bl890 possible to enhance throughput

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