vivaCT 80

SCANCO MEDICAL
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

Computing

HPE ProLiant Servers    ML350, DL380
RAM                    128 GB to 1.5 TB
CPU/cores              1 to 2/20 to 40
Disks                  >32 TB RAID 5 or 6
Optional GPU for reconstruction hp Z4 with RTX A series GPUs

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Made in Switzerland