

XCAT 100™

3D X-RAY SYSTEM FOR SCIENCE & RESEARCH



- 2D and 3D X-ray Imaging Capability
- Micro focus X-Ray Reconstruction
- Volume Computer Tomography
- Multiple computer based parallel processing for fast image reconstruction
- Easy sample placement
- Automatic Analysis

The desk-top XCAT X-Ray System is a dual capability system with the ability to provide two and three dimensional representation of the specimen under test. While the XCAT series provides volumetric reconstruction of specimen X-ray images, the micro focus source also allows the system to provide high level of detail in standard 2D images.

The state-of-the-art CT reconstruction software is supported by KUBTECH. The compact size and shielding enables the unit to be placed in any laboratory environment. The fast reconstruction software and parallel processing capability enables the user to obtain high quality images from all viewing angles in a relatively short period of time.

- Energy Range: 20-130 kV
- Tube Current: 15 Watts
- Detector size: 100 mm x 100 mm
- Pixel size: 48 microns
- Power: 90-250 VAC, 50/60 Hz
- Size: 36"w x 30"d x 30"h
- Weight: 250 lbs.
- Motorized X, Z and 360° rotate axes
- Windows based CT reconstruction software
- Multiple computers with Intel® Pentium 4 processors
- Dedicated Viewing station with 19" flat panel monitor
- Optional DICOM compliant software

Specifications are subject to change without notice.