

Industrial X-ray CT Scanner Micro-CT Scanners

PreXion's advanced and fully integrated Cone Beam CT System offers a complete imaging pipeline from data acquisition to image correction, image reconstruction, and 3D visualization.

Micro-CT Scanners

Customized Cone Beam CT Systems

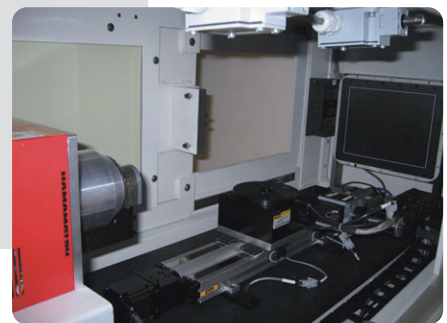
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X3DCT is equipped with state of the art equipment and powered by PreXion's fast and high resolution imaging software technology. At a touch of a button, an object can be scanned, reconstructed, and fully rendered for visualization and further inspection.



Specifications

- X-ray source: Microfocus 130 kV, min. 8 μ m focal spot
- Flat panel detector: 1920 x 1536, CsI, 127 μ m pitch
- Resolution: 20 μ m isotropic
- Motion control: 4 axis manipulators
- Maximum object size: 6 inch diameter sphere for full view (Detector size: 25 cm x 20 cm)
- Dimensions: 61"(L) x 27"(W) x 61"(H), 1,550 mm(L) x 689 mm(W) x 1,550 mm(H), 1800 lbs
- Scanning and image reconstruction time: 720 projections, 512³ size in 110 seconds
- Software included with X3DCT:
 - Scanner control software
 - Fast reconstruction solution, ReconPro
 - 3D Visualization workstation, i-View



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