EasyTom CT Scanner
3D Micro Computed Tomography & Digital Radioscopy System

CT SCANNERS

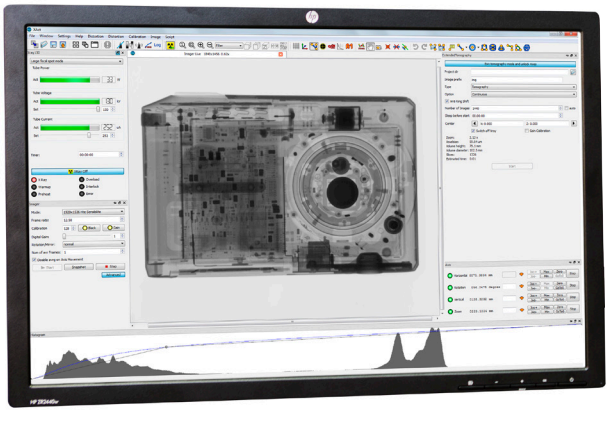
CT Scanner with Ultra 3D Accuracy and Resolution for Large Volume Inspection

EasyTom Features

- 3D µCT scan
- Real time high resolution digital radioscopy
- 6 motorized axis
- 4 to 250 µm/voxel resolution
- Great versatility for a wide variety of applications and analyzable products
- Large volume inspection
- Possible in situ experimentations
- Customize the automation control cycles

Easy to Use Software

- X-ACT CT aquistion software with multiple advanced plugins, semi-automated wizard plugin, macros for automated workflow, and CT reconstruction
- External and Internal Surface Geometry output as .STL for use with popular 3D Scan Data Processing Software
- Optional 3D Visualization and post processing software suites available to fit any application: Inspection, Reverse Engineering, Analysis, Porosity, Fiber Alignment, Wall Thickness, Comparison to CAD 3D Color Maps and much more

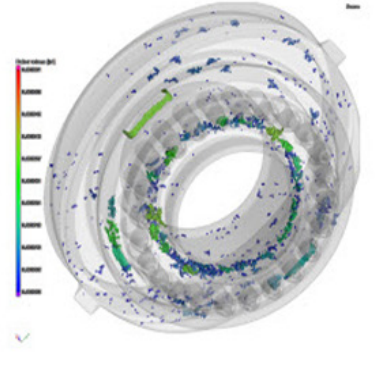
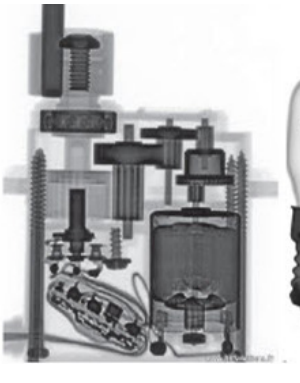


Non-Destructive Scanning

The EasyTom 130 & 150 Micro CT Scanners are x-ray inspection machines with computed tomography (CT) allowing collection of complex internal and external geometry. The EasyTom 3D CT micro and nano tomography features high resolution digital radioscopy, versatility for a wide variety of applications, 6 motion axis and large volume inspection.

	EasyTom CT Scanner
Safety Cabinet	• Footprint: 2100x1100x2000 mm / 82.6" x 43.3" x 78.7" • Lead / Steel construction and X-ray safety interlocks, designed to meet X-ray safety regulations • Large internal volume for large samples • Motorized sliding doors with large leaded windows
Mechanics	• High accuracy motorized rotation and translation axis • Imager lateral and vertical shift option for enlarged field of view and decreased ring artifacts • Maximum sample weight: 30 kg
X-Ray Generator	• Sealed micro-focus tube • Voltage up to 150 kV • Directional type • Down to 4 µm resolution
Imager	High resolution flat panel detector • 1920 x 1536 pixels, • Active area: 20 x 25 cm, • 1-60 fps, • 127 µm pixel size, • 16 bits – 65 000 grey levels, • Very low noise and geometrical distortions, • Long life time. Other images available on request
Computers	• Various powerful GPU(s) configurations available • PC, High resolution disply screen, Windows 7
Softwares	RX Solutions X-ACT software: • Multiple advanced plugins to drive generator, imager, axes … • Other plugins available for: metrology, video sequences acquisitions, image filtering and processing, image export … • CT acquisition: - Semi-automated wizard plugin - Advanced plugin with options (360° rotation, stack, helical, continuous rotation, laminography …) • Learning / Macros mode for automated workflow • CT reconstruction: GPU implementation including various filters Post-processing software: 3D visualization, metrology, CAD comparison, porosity and wall-thickness analysis modules (in option).
Analysis Software (Optional)	• Volume Graphics Studio Max • 3D Visualisation and post-processing software with metrology, CAD comparison, porosity, and wall thickness analysis module



Manufactured by RX Solutions SAS, Chavanod, France