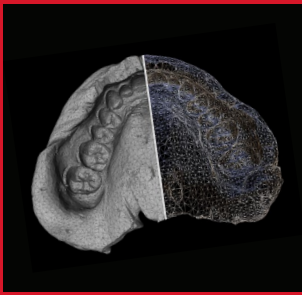


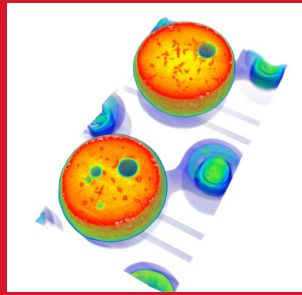


IMAGIX

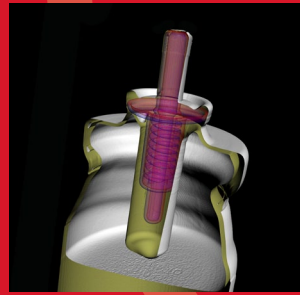
The ImagiX is a universal microCT system designed for the scanning of small objects. The system can handle objects from 0.02" (0.5mm) to 6" (150mm) and perform automatic 3D Computed Tomography reconstruction with state-of-the-art software. With its micron resolution and multiscale capabilities, ImagiX is the perfect CT system for laboratories and R & D applications. In addition, ImagiX can be used for 2D Digital X-ray inspection. This system is an affordable solution for Computed Tomography analysis and 3D reverse engineering of small samples.



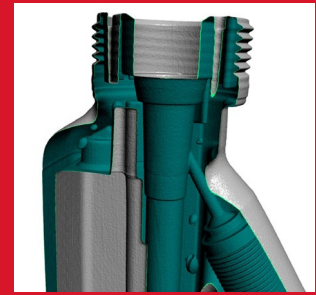
DENTAL IMPRESSION



BGA CHIP



ASTHMATIC DEVICE



PLASTIC EXTRUSION

SPECIFICATIONS

SYSTEM CAPABILITIES

- ▶ Advanced 2D X-ray inspection
- ▶ 2D CT Slice reconstruction
- ▶ CT volume reconstruction for 3D inspection
- ▶ 3D internal and external surface scanning

CT SOFTWARE

- ▶ Comprehensive acquisition, processing and archival program with user-friendly interface
- ▶ Automated CT calibration software
- ▶ Very fast reconstruction software with option for Graphic Card based algorithm.
- ▶ Local CT and Limited angle CT reconstruction capabilities
- ▶ 3D visualization module with real-time volume rendering, density segmentation, & high performance measurements
- ▶ 3D surface model export for CAD compatibility
- ▶ Multiple image formats input/output

X-RAY SOURCE

- ▶ Micro-focus X-ray tube
- ▶ Voltage Range: 10kV – 150 kV
- ▶ Focal Spot Size : < 5 microns
- ▶ Maximum system resolution: < 5 microns

X-RAY DETECTOR

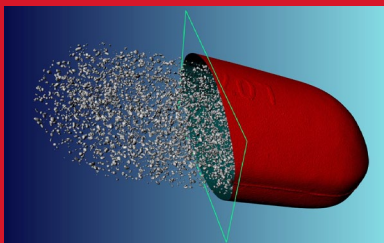
- ▶ Digital X-ray detector types: Flat Panel or Linear Diode Array (LDA)
- ▶ Detector Size: up to 8" x 10" (200mm x 250mm)

MANIPULATOR

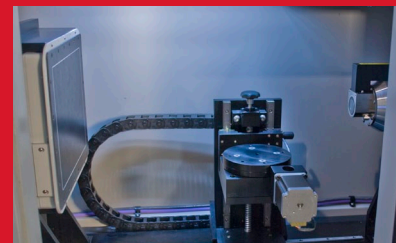
- ▶ Maximum Sample Weight: 50 lbs
- ▶ Scan Travel (customization available) :
Focal Distance : 24" (625mm)
Vertical : 5" (125mm)
- ▶ Rotational stage with high precision
- ▶ Optional motion controlled 3 axis

CABINET

- ▶ External Dimension: 58" long, 30" deep, 58" tall. (L x W x H = 148cm x 76cm x 148cm)
- ▶ Cabinet Features: interior lighting, sliding access door, leaded glass viewing window, attached console with state of the art computer and large flat panel screen, option for data storage and backup solution
- ▶ Meets or exceeds all federal and state radiation safety regulations



PHARMACEUTICAL TABLET



INSIDE IMAGIX