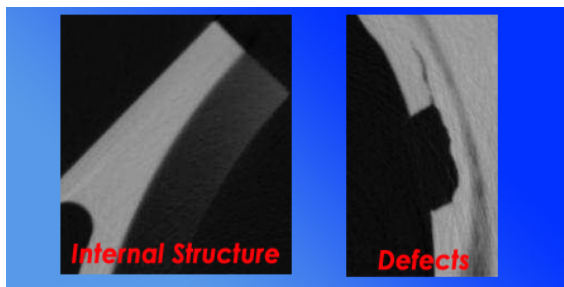


Computed Tomography Imaging Systems

BATi is now providing three-dimensional, non-contact Computed Tomography (CT) imaging systems for a wide variety of applications in research institutes and industries. BATi's micro industrial CT imaging systems are powerful tools for characterizing and quantifying 3D measurement of internal structure, cracks, defects of material and devices.

Micro objectives are reconstructed by a set of slices which are used to analyze the three dimensional morphological parameters. To satisfy customer's requirements, BATi offers solutions either as a complete system or as scanning services.



Features

- Non-Destructive Test 3D measurements of inter defects
- High resolution 127 micron pixel
- X-Ray Energy 130 kV
- Simple and flexible functionality
- 150 mm maximum object size for reconstruction
- Computer system control, 3D reconstruction and verification

Applications

- 3D Non-destructive inspection
- Electronic components and packaging
- Medical imaging
- Biological specimens
- Pharmaceutical
- Geological specimens
- Diamonds



Boston Applied Technologies, Inc

6F Gill Street, Woburn, MA 01801
Tel: (781) 935-2800 Fax: (781) 935-2860
<http://www.bostonati.com>

Key Specifications

Measurement Technique	X-ray cone-beam computed tomography
X-ray Source	130 kV 0.5 mA , 10 μ @ 8W, 100 μ @65W
X-ray Detector	Amorphous silicon digital x-ray detector
Pixel Array	1516 x 1900 pixels, 127 μ pixel size
Maximum Object Size for Reconstruction	150mm
Reconstruction Algorithms	Cone-beam volumetric reconstruction
Radiation Safety	< 2.5 mGy.h ⁻¹ (Better than US Standard)

Contact Information

For more information about Boston Applied Technologies' leadership in imaging systems, visit our website at www.bostonati.com.

To obtain additional technical information or to place an order for this product, please contact us at:

Phone: 1-781-935-2800
Fax: 1-781-935-2860
E-mail: sales@bostonati.com

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