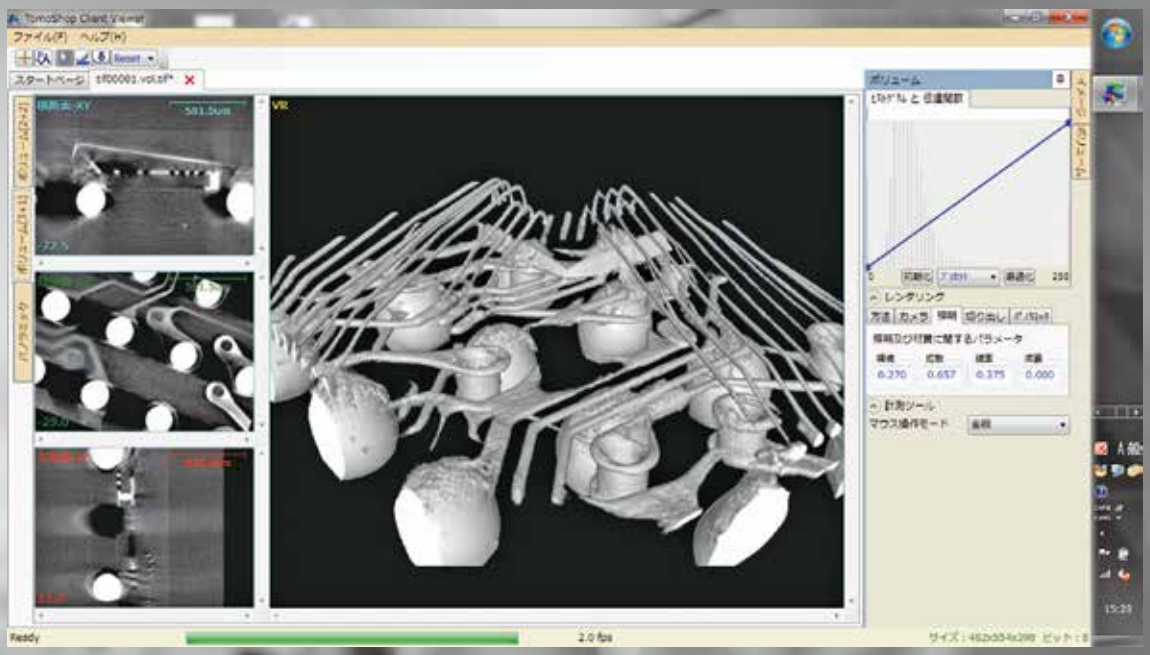
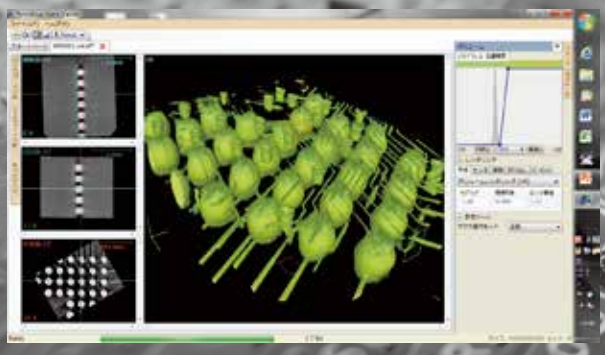
Pioneer of soft X-ray

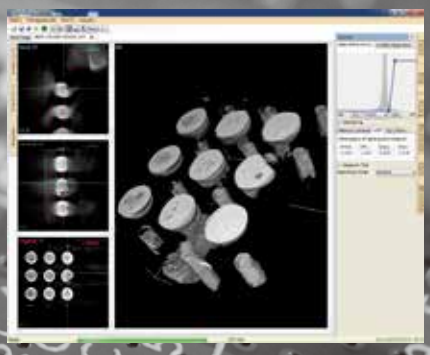
SOFTEX®

X-RAY APPARATUS
FOR BOARD INSPECTION

ADD-ON TYPE CT SCANNING SYSTEM UNIT







Features

- Integration of CT image reconstruction and rendering.
  <3D image display>
- No need calibration for rotation axis by focusing function.
  <Automatic correction>
- Realize high-speed calculation and high quality images.
- Only 10 seconds for image recomposition.
  <500 x 500 pixel / 8 bit>
- Possible to add the system on existing X-ray apparatus.

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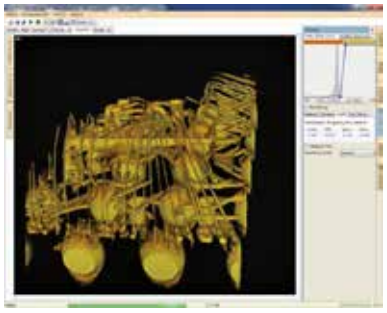
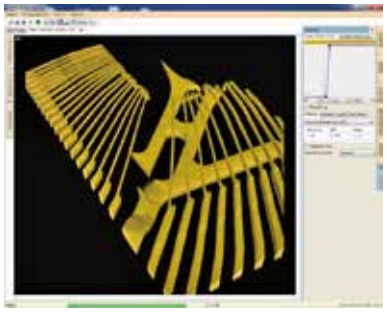
ADD-ON TYPE CT SCANNING SYSTEM UNIT

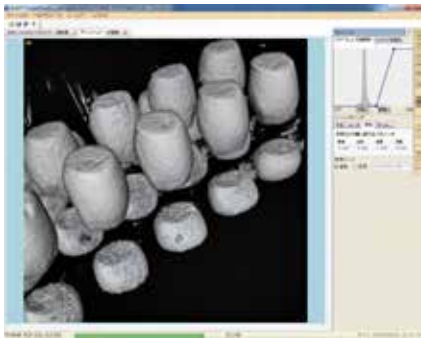
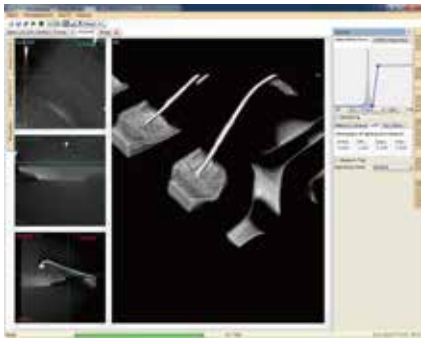
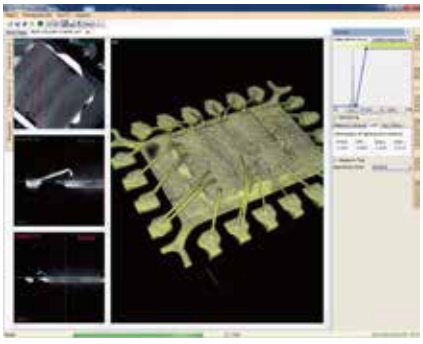
Construction

Item	Classification	Contents
Rotation part	Rolling mechanism	Rotary motor and driver
	Calibration jig	Removable
	Fixing jig	For board, condenser, other small parts
Personal computer	PC specification	Windows-7 Professional　CPU: Core i7 3770K (3.5GHz×4Core)
	Networking equipment	High-speed hub for data transfer
Software for CT	Image reconstruction program Image display and Rendering	General software for CT reconstruction “Tomoshop”
	Control for rolling mechanism	Software for sample rotation and image input (Softex)

Specification

Item	Classification	Specification	
Test object size	SMT･PCB board	Approx 50 x 100 x 2 mm	
	Small electronic parts (IC･Condenser)	φ5mm～10mm; h＝5mm～20mm	
	Rolling mechanism Max weight	Approx 100g	
Image capturing tact time	Image Projection　400 frame　Integretion 16 Times		Approx.　3 min, 20 sec
	Image Projection　900 frame　Integretion 16 Times		Approx.　7 min, 30 sec
	Image Projection　1200 frame　Integretion 16 Times		Approx. 11 min, 00 sec
CT reconstruction Calculation function	Sectional image display from XYZ direction	Rendering by general software for CT reconstruction “TomoShop”	
	Axis correction function	Correct by “TomoShop” focusing function	
	Image reconstruction tact time	Within 10 seconds	

SOFTEX CO., LTD.
5-19-18, Higashikashiwagaya, Ebina city,
Kanagawa, 243-0401, Japan
TEL : 81-46-232-2571　FAX : 81-46-232-1179
E-mail : sales@softex-kk.co.jp
URL : http://www.softex-kk.co.jp/

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