

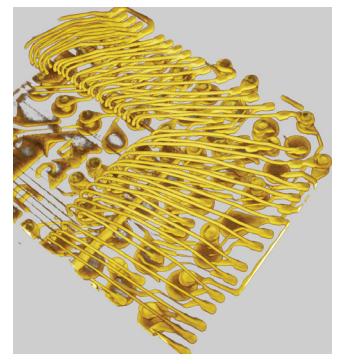
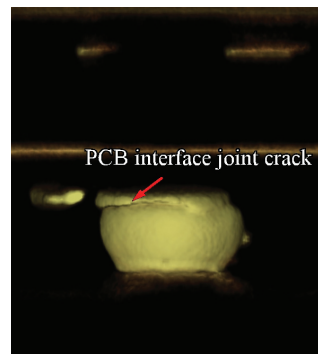
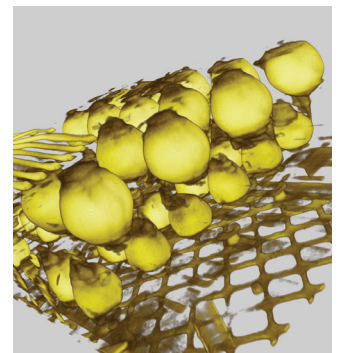
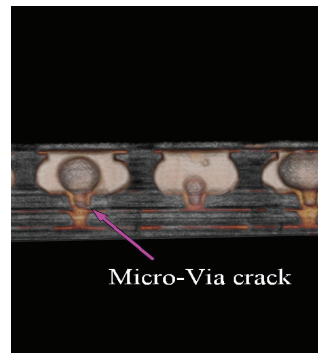
# μCT Inspection

X-ray Inspection System Option

## μCT Options for Nordson DAGE X-ray Inspection Systems

### Advantages

- Rapid Switching Between 2D and 3D Analysis
- Use with Image Intensifier or Flat Panel Detector
- Very Fast CT Model Reconstruction when Used with Dedicated High Specification PC + GPU
- 512<sup>3</sup>, 1024<sup>3</sup> and 2048<sup>3</sup> Models Available
- Provides Virtual Micro-Sections for Analysis
- 'QuickView' CT for Fastest CT Model Acquisition



The Nordson DAGE μCT inspection option provides Computerised Tomography (CT) functionality to compliment the 2D x-ray investigations on Nordson DAGE x-ray inspection systems. It uses the superior, sub-micron feature recognition 2D x-ray images, that Nordson DAGE x-ray systems always provide, to produce the best CT models for 3D sample analysis, virtual micro-sectioning and internal dimensional measurements. It reduces the number of time-consuming micro-section analyses needed and / or assists in identifying where micro-section preparation and investigation must concentrate. Available with a system order or as retro-fit

to suit application and workflow needs.

- Simple CT scanning and visualisation software
- Maximum sample size 150 x 135 mm
- Maximum inspection area ~ 48 x 26 mm (Jade FP)
- Maximum inspection area ~ 44 x 34 mm (II)
- Maximum inspection area ~ 60 x 45 mm (FP)
- Full and sub-volume reconstructions
- Measurement functions
- Precision sample rotation stage

**Crystal Clear X-ray Inspection. Nordson DAGE.**

# μCT Inspection X-ray Inspection System Option

## Description

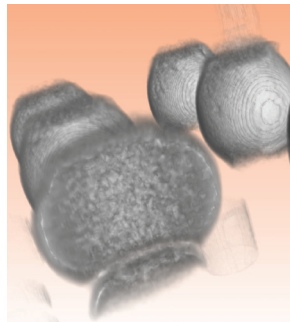
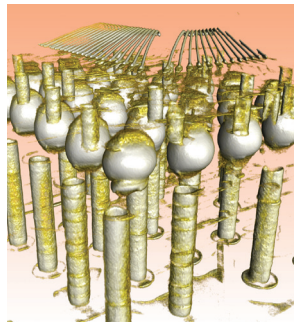
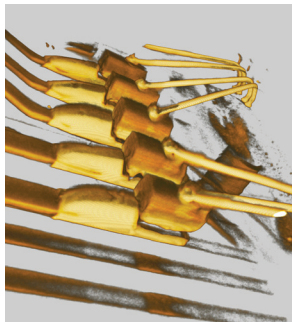
Choice of μCT, μCT Professional or μCT Professional+ packages

μCT Package Option	Separate CT PC	CT Reconstruction Software	CT Visualisation Software	Enhanced CT Visualisation Software	CT PC Specification
μCT (for Jade FP Only)		•	•		
μCT Professional (for Ruby & Diamond Systems)	•	•	•		• • •
μCT Professional + (for Ruby & Diamond Systems)	•	•		•	• • • • •
3D Rendering Package for X-Plane® Data	•		•		•



- 1 Calibration Tray
- 2 Two Adjustable, Differently Sized CT Sample Holders with Various Jaw Attachments
- 3 CT System Storage Case
- 4 Rotation Stage Control Unit
- 5 Computer Running Reconstruction and Visualisation Software<sup>1</sup>
- 6 24" Computer Monitor<sup>1</sup>
- 7 Keyboard and Mouse<sup>1</sup>
- 8 Rotation Stage (shown with one of the sample holders in place)

1. Inclusion and specification varies dependent on μCT option package chosen



For more information, please contact your Nordson DAGE regional office or speak with your local Nordson DAGE representative, all of whom are listed on [www.nordsondage.com](http://www.nordsondage.com)

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