

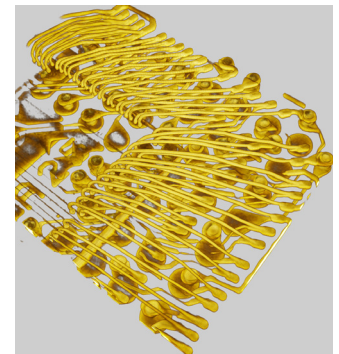
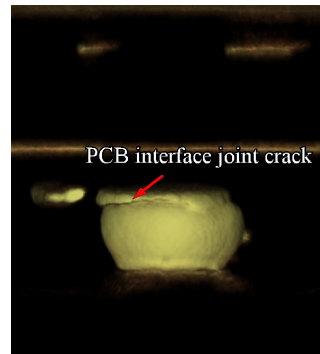
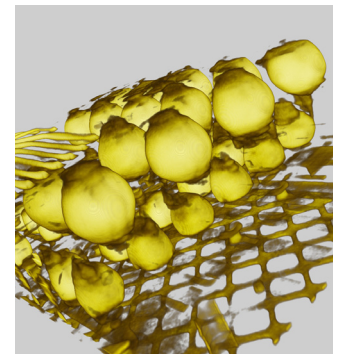
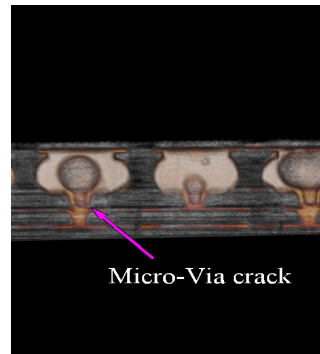
# μCT Inspection

X-ray Inspection System Option

## μCT Option 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 on 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 complement 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 ~ 44 x 34 mm (II)
- Maximum inspection area ~ 60 x 45 mm (FP)
- Full and sub-volume reconstructions using Feldkamp cone beam reconstruction
- Measurement functions
- Precision sample rotation stage

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

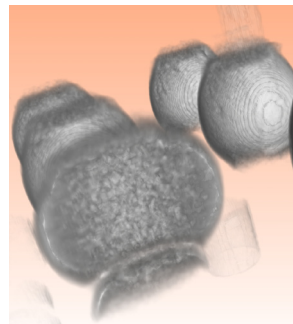
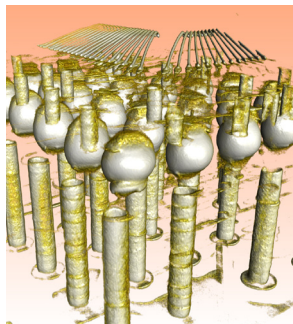
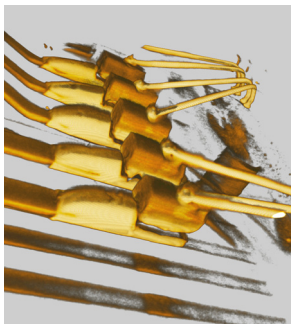
# μCT Inspection X-ray Inspection System Option

## Description



- 1 Calibration Tray
- 2 Two Differently Sized and Adjustable CT Sample Holders with Various Jaw Attachments
- 3 CT System Storage Case
- 4 Rotation Stage Control Unit
- 5 Computer running reconstruction and visualisation software
- 6 24" Computer Monitor
- 7 Keyboard and Mouse
- 8 Rotation Stage (shown with one of the sample holders in place)

Choice of μCT Professional or μCT Professional+ packages for the most demanding applications



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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