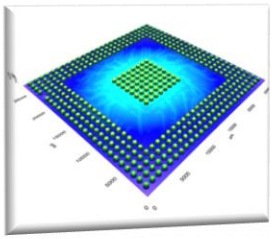
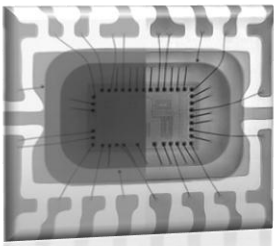
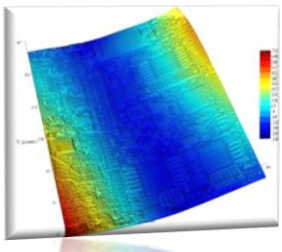
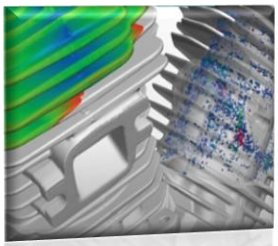
Accelonix
keeping you ahead.

SERVICES — X-RAY INSPECTION / METROLOGY

KEEPING YOU AHEAD

ABOUT US

From our demo lab in Eindhoven (NL) our experienced Application Engineers are able to offer X-Ray /CT Inspection and Metrology Services.

Technical advise, flexibility, quality, fast delevery and a good and long term relation with our clients are the keywords for a succesfull coorperation.

- X-Ray Inspection
- Computed Tomgraphy Measurements
- Non Contact 2D / 3D Surface Measurements
- Thermal Warpage and Strain Measurements

With our network of equipment manufacturers and local partners we are able to offer a solution for many Inspection or measurement challenges.

For more information please feel free to contact us.

X-RAY / COMPUTED TOMOGRAPHY

Non-destructive testing of (micro)electronic and electro-mechanical products .

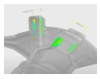
Applications : Wafer, SMD, PCB, IGBT, many more...

- 3D integrated circuits (IC)
- Solder Joints, Wire Bond Inspection
- Analysis of discrete components
- Visualiation of individual layers


High Precision computed tomography (CT) for 3D measurement of complex outer and inner structures.

Applications : 3D Printed Parts, Molded Plastics, Metal Castings, Turbine blades, many more...

- Validation and 3D measurements (GD&T)
- Comparison with CAD model
- Reverse engineering

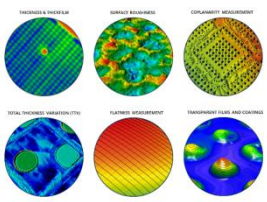



SURFACE METROLOGY

High Resolution Non-Contact 2D/3D Surface Measurements

Solar Panels, Thickfilm, Wafers, Microelectronics, SMD, PCBA, many more

- Thickness & Thickfilm
- Surface Rouhgness
- Coplanarity
- Total Thickness variation
- Flatness measurement
- Transparant Films and Coatings



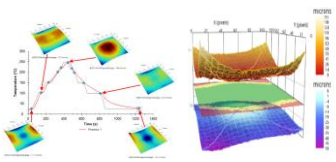
Many surfaces:/materials:

- *Solid, powder, or liquid*
- *Opaque, translucent, transparent*
- *Black and high reflective surfaces*

THERMAL WARPAGE METROLOGY

Measure warpage and strain over a temperature profile for:

- Individual Die
- Component
- PCB's
- Fully populated boards
- Virtually any substrate



Always you to understand/measure:

- How substrates warp over temperature
- Lunderstand the 'mating/interface" between 2 substrates
- Measure how tmeperature affects strain on material

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Accelonix delivers innovative solutions to electronics organisations around the world
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