



Part of GE's Sensing &
Inspection Technologies business

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phoenix|x-ray is the product-line of GE Sensing & Inspection Technologies for high-resolution 2D X-ray inspection systems and 3D computed tomography systems. The product lines headquarters, including production, research and development, are located in Wunstorf, near the town of Hanover in Germany. Additional customer service centers are located in Stuttgart, Munich, Limonest (France), Lewistown (Pennsylvania, USA), Newark (California, USA) and Manila (Philippines) with another scheduled to open in Shanghai. As center of excellence for Computed Tomography, microelectronic and materials science applications, phoenix|x-ray is part of GE Sensing & Inspection Technologies.

2D X-ray inspection systems

phoenix|x-ray supplies application oriented microfocus and nanofocus® X-ray systems and complete customised inspection solutions for the automated 2D-inspection in the electronics, semiconductor, automotive, aerospace and many other industries. Main fields of applications are semiconductor packaging, PCB assembly, multilayer PCB production, micromechanics and electro mechanics.

Computed tomography with submicron resolution

In addition to 2D-inspection systems phoenix|x-ray offers a wide range of high-resolution computed tomographs. The nanotom® for example is the first 180 kV nanofocus® system which is tailored completely to applications in the material science, micromechanics, electronics, geology and biology. It is suitable for the 3D-examination of the microstructure of material samples in every type like synthetic materials, ceramics, composite materials, metal or rock samples and much more with voxel resolutions <500 nanometers.

Leading in technology

phoenix|x-ray has invented some breaking novel technologies and systems and puts high priority on customer service and great investments in the development of easy-to-use systems and software solutions in order to provide all inclusive and versatile support to customers, establishing mutually beneficial, long-term partnerships.