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FOR IMMEDIATE RELEASE

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Saline Lectronics purchases Nikon Metrology X-ray System

SALINE, MI — January 2017 — Saline Lectronics, Inc., a leading electronics contract manufacturer, today announced that it has purchased and installed a Nikon Metrology XT V 160 Varian 1313Dx X.Tract PCB inspection system with the Advanced Service Kit, AutoTransformer, and Inspect-X Software. This new system will better enable Lectronics to provide customers with fast, automated 3D component inspection.

With leading proprietary micro-focus source technology, the XT V 160 is specifically designed for use in production lines and failure analysis laboratories. Real-time X-ray allows users to intuitively navigate complex printed circuit boards and electronic components and quickly trace defects. In automated inspection mode, samples can be inspected at highest throughput. Lectronics has gained the ability to perform batch AXI – this new system will allow the company to automatically inspect an entire printed circuit board assembly.



Denise Kuenzer, Senior Process Engineer, operating Lectronics' new Nikon X-ray system

The X.Tract system uses laminography technology (taking image slices of a particular object) and then reconstructs those slices for a finished, whole 3D image. This will allow Lectronics' engineers to get a detailed view of component connections that are typically difficult to see in 2D X-ray systems; for example, stacked BGAs or complex mixed technology printed circuit board assemblies. The 360 view within X.Tract also supports the isolation of individual image layers enabling detailed inspection of each layer, which will allow Lectronics' technicians to specifically hone in and inspect any suspected areas of concern.

“Saline Lectronics continues to invest in the latest manufacturing equipment available on the market,” commented Jason Sciberras, Manufacturing Manager. “Due to limited real estate, continued component miniaturization, and the growing complexity of BGA structure and placement location, PCB design is constantly evolving. The challenge for us as a CM is ensuring that we effectively inspect and validate the intricate connections of these types of components. This Nikon X-ray System will enable



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us to better adapt to these ever-changing technologies, and remain an industry leader for our customers.”

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About Saline Lectronics, Inc. – Solution’s Provider

Saline Lectronics, Inc. is an electronics assembly supplier located in Saline, Michigan. The company specializes in complex, high-mix electronic printed circuit board and electro-mechanical box build assemblies. In addition to its extensive knowledge of PCB assembly manufacturing, other strengths include test development, DFM, DFT and prototyping through production lifecycle. For more information, visit www.lectronics.net.