



News Release

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Advanced Assembly Raises Quality Standard Again with New Nano Tech X-Ray System

X-Tek "Revolution" Adds 3-D Inspection Capabilities to Deliver Correctly Assembled PCBs Every Time

Aurora, CO – July 19, 2011 – Advanced Assembly, a leader in SMT assembly services for printed circuit boards, today announced it has installed an X-Tek "Revolution" X-ray inspection system (also known as an XT V 160) to further strengthen its pcb assembly quality for quick-turn prototype printed circuit boards.

The X-Tek Revolution is the latest addition to Advanced Assembly's technologically advanced assembly facility. X-ray inspection is essential for verifying the quality of BGA (Ball Grid Array) components, as well as analyzing solder ability conditions on IC packages and connectors. With this latest x-ray inspection system, Advanced Assembly has the capability to look through the board and components to identify problems that would be impossible to find through visual inspection alone, giving customers complete confidence their boards are assembled correctly.

"At Advanced Assembly we focus on quick-turn pcb assembly for NPI (new product introductions), prototypes and low-volume orders, most of which are first-time designs. With the installation of the XT 160 we're responding to customer requests for additional testing capabilities and giving them reassurance that their designs are being assembled accurately," said Lawrence Davis, CEO and president of Advanced Assembly. "As our company continues to grow, we are 100% committed to reinvesting our profits in latest technology to further ensure our customer receive the highest quality assembly with the fastest turn-time."

The XT V 160 is based on X-Tek's 20 years experience in nanofocus X-ray technology. The system provides high resolution magnification and is ideal for inspecting electronic components in assembly lines. The system uses computed tomography CT inspection to reconstruct a test sample in full 3D imagery and is ideal for BGA inspection, multilayer board inspection and PCB solder joint inspection.

Founded in 1986, X-Tek is a British manufacturer of X-ray and Computer Tomography inspection systems with headquarters in Herts, UK. X-Tek employs about 75 people, and has an installed base of over 1500 systems in a wide range of industries, including electronics, automotive and aerospace. X-Tek has recently been acquired by Metris, a leading international metrology company with headquarters in Belgium.

About Advanced Assembly

Advanced Assembly is an Aurora, Colorado company specializing in quick-turn, SMT assembly for design engineers needing low volume or prototype printed circuit board assembly. With customers like Motorola, AT&T and Intel, and close supplier relationships with Digi-Key, Mouser and Arrow, Advanced Assembly is quickly becoming the industry leader for prototype printed circuit board assembly. For more information visit <http://www.aapcb.com> or call 1-800-838-5650.

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