

## FOR IMMEDIATE RELEASE

# Saki Demonstrates XL 3D AOI System and On-the-Fly Debugging Software at SMTA International Booth 726

# Measures heights from 0-20mm with 1 micron resolution

# High resolution photo available at: http://adobe.ly/2cnx2nU

### Fremont, CA - 22 September

2016 - Saki Corporation, an innovator in the field of automated optical inspection (AOI) equipment, will demonstrate its BF-3Di-Z1 3D AOI system for extra-large (686x870mm) PCBs and easy-toprogram real-time software in booth 726 at SMTA International, September 27 and 28th, 2016, being held at the Donald Stephens Convention Center, Rosemont, IL. Saki's 3D AOI systems measure heights from 0-20mm with 1µm resolution. measure the surface of surface



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mount devices and through-hole packages from all four directions without a dead angle or shadowing, and achieve full automation with very low false calls and zero escapes.

Saki's BF-3Di Series inspects the entire PCB and provides seamless merging of the acquired images into a single image, even for multiple fields of view of very large components. It inspects QFNs, J-leads, and connectors, and enables the detection of the most difficult defects, such as lifted leads, tombstones, reverses, and height variations, without a reduction in speed.

Saki's Auto Programming Software significantly reduces library creation time. Optimal inspection libraries are automatically assigned and created by utilizing Gerber and CAD data. Pad shape information is used to provide automatic inspection based on IPC standards. Reliable threshold settings are determined from statistical information and model images are provided in the offline debug feature, which is installed on every machine. The board is not needed for programming. Saki's proprietary, easy-to-use and program software enables programming and debugging off line. This greatly improves the reliability of inspection performance and results, regardless of user skill level. In addition, program corrections can be made in real time without stopping the inspection process. For more information or to schedule an interview at the show, contact Saki at +1-510-623-SAKI (+1-510-623-7254), email <u>sales.us@sakicorp.com</u>, or visit our website at <u>www.sakicorp.com</u>.

# About Saki Corporation

Since its inception in 1994, Saki has led the way in the development of automatic recognition through robotic vision technology, applying ground-breaking image processing tools to solve inspection problems associated with printed circuit board assembly. Saki Corporation has headquarters in Tokyo, Japan with offices and sales and support centers around the world. Saki has Quality Management System JIS Q 9001:2008 and ISO 9001:2008 certifications.

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