

## ***R.H. Technologies now running eleven Mek AOI systems***



Mek (Marantz Business Electronics), has recently announced the installation of its tenth and eleventh AOI system at RH Technologies. The Israel headquartered EMS provider recently commissioned two new PowerSpector FDAz in-line AOI systems, complementing the existing 9

**Mek systems.**

Specializing in communication, security, medical and automotive equipment assembly, R.H. offers a wide range of enhanced services developed over 30 years of EMS operations and experience. Fundamental to their latest selection of AOI equipment were the essential needs for rapid programming and superior false defect ratios.

Itzik Vidomsky, RH Technology Manager, commented, “Two new SMT assembly lines incorporating **MEK FDAz AOI** systems were authorized by our high reliability industrial electronics customers. The resolution, illumination and accuracy of the new machines is considerably improved and the nine cameras generate even more useful data than their predecessors. This additional data has led to significant advancements in our testing programs and overall SMT process.”

With eleven systems currently in-house, seamlessly centralized control is a significant benefit offered by Mek system software. Inspection results data from all machines are presented in one central location with maximum real-time performance overview. In a matter of seconds the necessary statistical data can be read from one location, enabling a single operator to control all machines. In addition, from that same single

location, any program can be adjusted on-the-fly, with no need to move around the factory floor from machine to machine.

[Inline PowerSpector FDAz](#) reliably inspects SMT and THT component bodies for presence/absence, type, polarity, offset, text, colours etc. and components solder fillets for excessive, insufficient, no solder, shorts or lifted leads. With its high resolution top camera with telecentric lens and new unique multiplexed 8x CameraLink side camera technology with shift tilt lenses in 45/45 orientation, defects become visible as never before.

**-ENDS-**

**About MEK (Marantz Electronics Ltd)**

A former division of Marantz well known for its high quality Audio/Video products, MEK Japan (Marantz Electronics Kabushiki Kaisha), developed its first AOI system in 1994. Developed to inspect PCB assemblies for correct component placement and soldering, the company's original AOI system was designed for use in Marantz factories. Proving to be a highly successful, cost-effective alternative to traditional human inspection, MEK developed its first generation commercial system in 1996. With a steadily growing installed base, MEK Japan and its European/American headquarters, MEK, have sold over 5000 units worldwide to date. Now well established as a leading force in AOI technologies, the company recently launched a 5D post-print SPI system which combines 3D and 2D image processing methodologies to deliver unprecedented defect detection. At the beginning of March 2014 the company opened US offices in Las Vegas.

<b>MEK Contact - Europe</b>	<b>Agency Contact</b>
Henk Biemans MEK Europe Polluxstraat 2B, 5047RB Tilburg The Netherlands	Helena Osborn Unit 1, Cutbush Court Danehill, Lower Earley Reading, RG6 4UW UK
Tel: +31 40 7114111 Email: <a href="mailto:henk.biemans@mek-europe.com">henk.biemans@mek-europe.com</a> <a href="http://www.becauseinspectionmatters.com">www.becauseinspectionmatters.com</a>	Tel: +44 1189 759880 Email: <a href="mailto:helena@proteaninbound.com">helena@proteaninbound.com</a> <a href="http://www.proteaninbound.com">www.proteaninbound.com</a>