

Mek is named AOI system of choice at Global Electronics Ltd



MEK Europe BV, formerly known as Marantz Business Electronics, was recently announced as AOI manufacturer of choice by Global Electronics Ltd, a specialty EMS provider headquartered in The Netherlands.



Since 1993, Global Electronics has been providing manufacturing services for a diverse range of OEMs, building medical electronics, flowmeters, power supplies, advanced home automation, agricultural, and data communication products. Fundamental to their latest selection of AOI equipment was the essential need for rapid programming to support their significant prototyping demands. In this respect, **iSpector** from Mek was deemed superior to numerous alternatives that were tested.

Mek's iSpector series includes the world's first desktop AOI system to offer one top camera and eight side cameras in 45/45 degree configuration. Solder joints of increasingly popular 45 degree space-saving circuitry designs can now be inspected with 10µm resolution side cameras. Combining simultaneous 9 camera inspection, true 24-bit colour imaging technology and 3D Solder Meniscus profiling, these systems deliver advanced AOI performance with either manual or fully automated PCB handling.

Commenting upon the purchasing selection process, Jeroen Schuiling, Production Manager at Global Electronics explained, "In addition to the superior setup demonstrated, we remain very impressed with Mek's professional approach to the

customer and the market, their ongoing development and improvement of products, and the input we are able to have as a customer into their development roadmap.”

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About Mek Europe BV

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 headquarters, MEK Europe BV, 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.

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