

Mek (Marantz Electronics) Launches New Entry-Level, Low Cost Desktop AOI

iSpector



The latest generation iSpector desktop AOI from Mek (Marantz Electronics) is designed as an entry-level system for customers with low volume, high mix production requiring high-quality AOI with a low price tag.

Mek's new desktop solution offers benchtop PCB inspection with exceptional defect coverage. Providing a rapid, repeatable inspection process at an affordable cost, it's a plug-and-play installation with iMentor online training and is exceptionally easy-to-program.

iSpector is able to inspect component bodies and solder joints by use of RGB LED light sources from three different angles. This allows 3D meniscus profiling to verify solder joints with low false call rates, accurate tolerance adjustment and amongst the highest defect detection rates in its class.

It utilizes the same powerful 22X software as Mek's highly respected PowerSpector AOI series. There is no compromise on the wide range of inspection algorithms and component libraries. Complete management of part libraries is possible either on a single AOI system or across multiple machines.

It is fully compatible with Mek's Catch System for classification, repair and SPC.

The Mek iSpector is currently available in M size (350x250mm) and desktop model only.

-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 also manufactures 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.

Mek contact Americas	MEK Contact - Europe	Agency Contact
John Rider Mek Americas LLC 5550 Painted Mirage Rd. Suite 320, Las Vegas, NV 89149, USA	Henk Biemans MEK Europe Polluxstraat 2B, 5047RB Tilburg The Netherlands	Helena Osborn Protean Inbound Unit 1, Cutbush Court Danehill, Lower Earley Reading, RG6 4UW UK
Tel: +1 702 818 1706 Email: john.rider@marantz-electronics.com www.marantz-electronics.com	Tel: +31 40 7114111 Email: henk.biemans@mek-europe.com www.marantz-electronics.com	Tel: +44 1189 759880 Email: helena@proteaninbound.com www.proteaninbound.com