

## **Mek successfully delivers THT Automatic Optical Inspection equipment for Yunex Traffic**



Mek (Marantz Electronics) has successfully delivered two desktop automatic optical inspection systems for Yunex Traffic, a global leader in designing, manufacturing and installing intelligent traffic systems.

The [PowerSpector GDAz systems](#), which now integrate into Yunex Traffic's manufacturing facility and support the inspection of THT and solder joints, are the most versatile AOI inspection systems, reliably inspecting SMT and THT component bodies for a variety of components including presence/absence, type, polarity, offset, text and colours. Suitable for use in pre-reflow, post-reflow, post-wave and post-selective soldering, they can also be used for 2D solder paste inspection and first article inspection.

Henk Biemans, Mek's CEO explained: "Our high-performing AOI systems have the capability to do both topside through hole components and solder inspection which means we were able to provide an all in one solution for Yunex Traffic. We were delighted to meet all of Yunex Traffic' specific requirements and it is great to see the equipment in use and making a difference to the manufacture of traffic equipment that's installed all over the world.

Simon Martin, Head of Global Manufacturing for Yunex Traffic commented: "The introduction of the automatic optical inspection systems is making a real difference to how we manufacture key components for a wide range of traffic systems. We're a global leader in intelligent traffic systems and this technology is enabling us to continue manufacturing critical components to the highest quality and deliver industry-leading solutions for our customers and the industry."

The PowerSpector GDAz series targets inspection of taller THT components with a top clearance of 60mm and side cameras with a larger Field of View and 20µm resolution. A larger 3 angle lighting system secures optimal meniscus profiling in combination with increased top clearance without foregoing the maximum inspection area. A z-axis camera

enables the inspection of a large variety of boards which vary in height. Due to the software's abundance of features/test types, false failures can be eliminated easily.

About Yunex Traffic:

**Yunex Traffic** is a separately managed company of Siemens Mobility. It is a global leader in the field of intelligent traffic systems, offering the widest end-to-end portfolio of solutions for adaptive traffic control and management, highway and tunnel automation, as well as smart solutions for V2X and road user charging tolling. Yunex Traffic has 3,100 employees from 58 nations and is active in over 40 countries worldwide. Its intelligent mobility solutions are currently being used in major cities across the world, including Dubai, London, Berlin, Bogota, and Miami. Yunex Traffic has successfully concentrated its efforts on mastering technologies in the three segments of hardware, software, and service, and is subsequently the only supplier which is capable of meeting all major regional standards in Europe, UK, Asia and America. Further information is available at: [www.yunextraffic.com](http://www.yunextraffic.com).

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