GOEPEL electronic presents the new series of affordable 3D AOI systems

Large and small electronics manufacturers are subject to relentless demands for reduced cost and improve quality. To meet these demands the GOEPEL electronic have launched two new Automatic Optical Inspection Systems. The 3D XE series of AOI platforms are characterised by low acquisition costs whilst still delivering full 3D inspection functionality.

The series consists of the stand-alone system Basic Line · 3D XE and the inline system Advanced Line · 3D XE. Flexible interfaces such as Hermes or PULSE allow production line integration of the inline version; for smaller quantities, the offline 3D AOI system with manual loading is an attractive solution. In addition, both systems can be used as full 3D solder paste inspection systems (SPI). Thus configuration as an inspection island offers a highly efficient and flexible production environment. (especially for the Advanced Line · 3D XE).

3D XE series platforms are controlled using the latest PILOT AOI software and MagicClick for AI-based, fully automatic creation and optimization of inspection programs. This functionality enables the system to inspect new assemblies within a few minutes and without any component library. For manufacturing service providers with a large variety of products this is especially important. It guarantees a high degree of cost-effective use even for the smallest of board quantities and saves up to 80% of program creation and optimization time.

GOEPEL electronic's 3D AOI systems, developed and manufactured in Germany, feature innovative hardware and software components with a very user-friendly operating concept. They provide a cost-effective initial purchase and are highly efficient in production operation. This opens the door for smaller electronic manufacturers to use the latest fully-fledged 3D-AOI technology.
Press Release for immediate release

Image 1: 3D image acquisition by the Advanced Line · 3D XE

Image 2: New 3D AOI systems of the 3D XE series: Basic Line · 3D XE and Advanced Line · 3D XE
GÖPEL electronic is a leading provider of innovative test and inspection solutions for printed circuit board assemblies (PCBAs) and electronic devices and systems. The company is divided into four divisions:

- Automotive Test Solutions
- Embedded JTAG Solutions
- Industrial Function Test
- Inspection Solutions AOI-AXI-SPI-IVS

More information: [www.goepel.com](http://www.goepel.com)