

Press Release

New Systems for X-ray Inspection, AOI, and Boundary Scan at electronica

GÖPEL electronic will present its new products at electronica 2026 in Munich in Hall A4, Booth 251

The focus of the trade show presentation is the unveiling of the new inspection systems: The Multi Line AXI X-ray inspection platform marks the introduction of an entirely new series that brings a new dimension of quality to electronics manufacturing. The Multi Line AXI combines outstanding technological innovations with versatile application options and multifunctionality, while also offering simple operation and rapid adaptability to inspection tasks. The result is an innovative AXI system that sets new standards in X-ray inspection—offering a secure investment and high performance.



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With Multi Line and Vario Line, the manufacturer offers high-performance inspection solutions for AOI: The all-purpose Multi Line is ready for all inspection tasks throughout the entire manufacturing process—whether SPI, in the SMD and THT sectors, or for CCI. Thanks to the modular design of the Multi Line platform, camera modules can be flexibly combined and, if necessary, later reconfigured for new applications in the manufacturing process. Rapid test program generation, double-sided inspection, and a uniform operating concept characterize the devices of the Multi Line AOI platform and meet high quality standards for high-mix/low-volume production, prototypes, and small series. The Vario Line systems combine maximum failure detection with high speed and set new standards in precision and efficiency with intelligent 2D/3D inspection and variable 360° inspection in 1° increments.

In the field of electrical testing and programming, GÖPEL electronic's in-system programming and boundary scan products will take center stage: For example, the FlashFOX universal programmer supports the dynamic transfer of programming data—the programmer always retrieves the latest content to be programmed from the central server. In addition to the 8-channel version, the new FlashFOX 2 can also implement complex power supply configurations for the microcontrollers or flash devices to be programmed, thanks to four integrated independent power supplies.

The turnkey BARCUDA tester is a complete solution for testing and programming PCBAs. The stand-alone unit utilizes the proven technologies of GÖPEL electronic's Embedded JTAG Solutions, but can also be expanded to meet the functional test requirements of electronics manufacturing. The BARCUDA JTAG production tester tests and programs PCBAs with or without JTAG/boundary scan without the need for time-consuming configuration of a specialized in-house test system.

The JULIET unlimited JTAG tester is a professional, flexible JTAG/boundary scan tester that combines the entire system electronics and DUT adaptation into a single, complete unit.

A total of six different models cover all production applications—from simple test execution to a complete repair station with graphical fault visualization—making the system ideal for rapid prototyping and low-volume production runs.

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About GÖPEL electronic

GÖPEL electronic develops and manufactures innovative electrical and optical test, measurement, and inspection equipment for electronic components and printed circuit board assemblies as well as industrial and automotive electronics systems. GÖPEL electronic has four business units:

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

The company is active worldwide, with its own subsidiaries as well as through distributors, and generated sales of approximately 40 million euros in 2023 with 240 employees.

Further information: www.goepel.com/en

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