

Press Release

Inspection Technologies from Viscom at NEPCON Vietnam

Hanover, Germany, August 31, 2023 – **A well-prepared team from Viscom Asia is ready to welcome visitors to NEPCON Vietnam 2023 in Hanoi. Two machines will represent the wide range of inspection systems developed and manufactured at Viscom AG in Germany: iX7059 PCB Inspection XL (3D AXI) and S3088 ultra chrome (3D AOI). In combination, they cover 100% of today's post-reflow inspection requirements.**

Whether research and development or production of high-end electronic devices, Vietnam is increasingly becoming a very important key player among Asian countries. This will also be evident at the International Centre of Exhibition (I.C.E.) in the country's capital from September 6 to 8. Viscom will be present at NEPCON Vietnam 2023 with its own booth No. V04. Under the vAI brand, for example, Viscom offers a growing portfolio of smart solutions in the field of artificial intelligence. NEPCON visitors will learn more about the advantages of AI in the verification process or, e.g., inspection program generation.

The exhibited iX7059 PCB Inspection XL inline X-ray system has already won the EM Innovation Award in the "X-ray inspection" category this year. Its special features include a revolutionary, fully dynamic 3D image acquisition concept with a new generation of flat panel detectors and the ability to inspect very long PCBs in lengths of up to 1600 mm (63"). High-quality 3D AXI volume calculations and slice images of the inspection areas enable, for example, the repeatably exact measurement of voids – based on high-performance planar CT.

The S3088 ultra chrome at the Viscom booth is a well-known 3D AOI system used in high-throughput production lines worldwide. For verification, it delivers true-to-life 360° renderings and color images from nine perspectives. Its advanced 3D camera technology is combined with extremely high inspection speed and outstanding inspection quality. All this is delivered as a standardized system configuration. The Viscom team is also available to answer questions about other inspection solutions, e.g., for solder paste, wire bonds, conformal coatings, or batteries.



The iX7059 PCB Inspection XL from the diverse 3D-AXI system portfolio of Viscom



Viscom's S3088 ultra chrome 3D AOI system for high-throughput automatic optical inspection

About Viscom

Founded in 1984, Viscom AG is one of the leading suppliers worldwide in the field of assembly inspection within electronics production. With its headquarters and production site in Hanover, Germany, the company develops, produces and sells high-quality inspection systems from the areas of AOI, SPI, AXI, MXI, wire bond inspection as well as conformal coating inspection. The systems developed and manufactured in Hanover set high standards in terms of accuracy and speed. The product range covers the complete spectrum of optical inspection and X-ray inspection for small and medium-sized companies as well as for large series production. Viscom systems are used for 100% automatic inspection of electronic assemblies such as those used in the production of automotive electronics, aerospace technology or in the manufacture of telecommunications electronics.

Product development also focuses on customer-specific system developments and networking with other production processes for smart factory applications. In order to achieve this, Viscom AG increasingly invests in its own software and hardware development which is constantly defining new standards in inspection technology.

International sales are handled by a broad network of its own subsidiaries, application centers, service centers and representatives. A service team of in-house technicians and application specialists commission Viscom systems worldwide, offering maintenance, conversion and modernization from a single source. In addition, system-specific training courses are offered for customers' operators, programmers and maintenance personnel. Experienced engineers and technicians from the application and service departments share their expert knowledge with participants.

Viscom AG has been listed on the Frankfurt Stock Exchange since 2006 (ISIN: DE0007846867).