

## Press Release

### **Fast Double-Sided Inspection from Viscom at productronica 2023**

*Hanover, Germany, October 18, 2023* – **At productronica in Munich, Germany, taking place from November 14 to 17, 2023, Viscom AG will present for the first time its latest high-end iS6059 Double-Sided Inspection system. At Viscom's Booth A2.177, visitors to the world's leading trade fair for electronics manufacturing can learn more about the advantages of simultaneous optical assembly inspection from above and below using the new machine's special features.**

The iS6059 Double-Sided Inspection is equipped with two state-of-the-art sensor heads that capture images and 3D height information on separate positioning units to reliably find top and bottom side defects. Through-hole technology (THT) is still needed and used in the areas of electric vehicles, charging infrastructures and renewable energies due to high current flows. In addition to inspecting components topside, the bottom side must also be critically examined to determine whether a pin is missing or if there is insufficient solder. Components pressed in without soldering (press-fit) can also be accurately inspected. Pin lengths, for example, are precisely measured and displayed in profiles.

Another area of application for the iS6059 Double-Sided Inspection involves various applications from the field of automotive electronics with double-sided SMD assembly. For example, one assembled side passes through the soldering process, is then turned over and must remain fully intact during a re-melting of the solder joints in the oven – all while the second side is soldered after its assembly. The iS6059 Double-Sided Inspection then reliably inspects both sides.

Like other Viscom systems, the iS6059 Double-Sided Inspection can be comprehensively networked. In this context, visitors to the company's trade

fair stand can expect to see various vConnect features. This future-oriented modular platform from Viscom has a lot to offer – from location-independent predictive maintenance to cloud solutions and centrally controlled IT services as well as statistical process control. Other Viscom inspection systems that will be on display at productronica include: iS6059 PCB Inspection Plus (3D AOI), iX7059 PCB Inspection XL (3D AXI), X8011-III (3D MXI), X7056-II (3D AOI and 3D AXI combined) and S6053BO-V (3D Bond). The topics of inspection program generation and verification using artificial intelligence are on the agenda at Viscom too – as are solder paste (SPI) and conformal coating inspection (CCI).



On display for the first time at productronica 2023: the iS6059 Double-Sided Inspection – here still awaiting unveiling together with the iS6059 PCB Inspection Plus

### **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).