

## Press Release

### **Participation in PCIM Europe Underscores Growing Importance of Power Electronics**

*Hanover, Germany, April 26, 2022* – **Viscom AG is exhibiting at the PCIM Europe trade fair for the first time this year. The team of experts at Stand 6-110 will provide detailed information about inspection solutions from Viscom for the special requirements of power electronics. A particular highlight set to be shown live is the iX7059 Module Inspection inline X-ray system. Another focus is on high-precision optical wire bond inspection.**

As an exhibition for power electronics, PCIM Europe focuses on hot trends in renewable energies, intelligent drive technologies and energy management. It will be held from May 10 to 12 in Nuremberg, Germany, parallel to the electronics trade fair SMTconnect right next door. Exhibiting at both events, Viscom will exclusively present its new iX7059 Module Inspection inline X-ray inspection system at PCIM Europe. This system was developed specially as a customized solution for increasing demands on the quality inspection of power semiconductors.

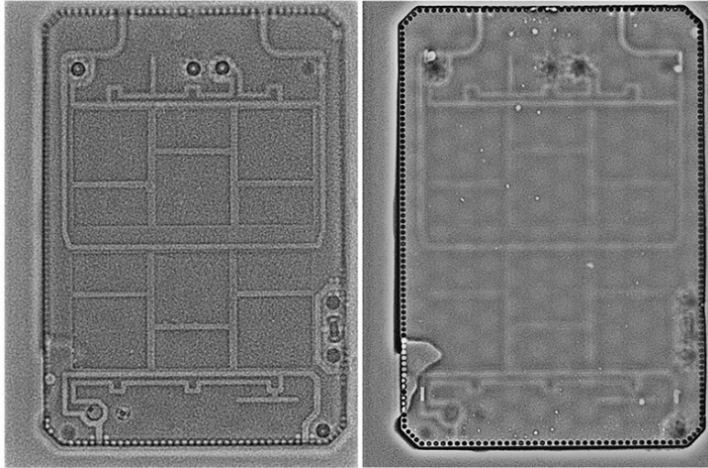
The 3D AXI system iX7059 Module Inspection from Viscom irradiates surface soldering all-around perfectly – even if the inspection objects have special heat sinks. Often made of copper, these might also constitute interference structures that make inspection difficult. In such cases, stronger radiation is required. Using high-performance computed tomography, the iX7059 Module Inspection generates precise volume views and layer images that provide accurate information about the void content in the connections, amongst other parameters. To inspect typical test objects such as IGBT modules in a cycle-time optimized manner, handling options with special frames and workpiece carriers are also part of the system concept.

At PCIM Europe, Viscom will also be addressing the latest 2D and 3D approaches to wire bond inspection – specially adapted to requirements of power electronics. Typical applications (e.g. inverter technology) can be found in power supply with regenerative energy sources, railroad control systems and especially in electromobility with its hybrid or purely battery-powered electric vehicles. The solutions presented are intended for one hundred percent inline testing through to the measurement of wire runs. At an offline programming station at the Viscom PCIM Stand, visitors can see how individual steps are created and implemented for precise inspection.

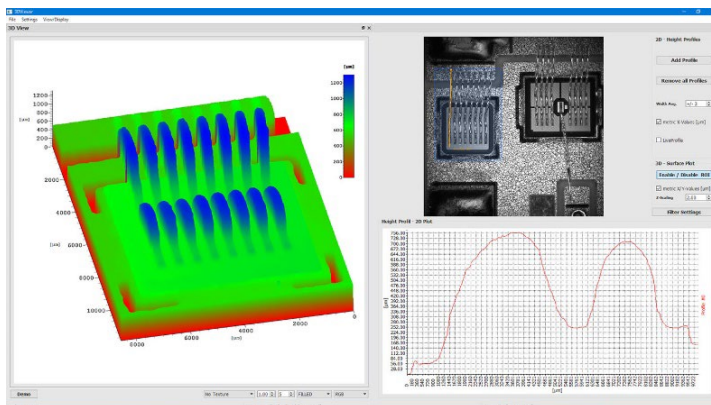
Anyone wishing to learn even more about the topic of 3D bonding can have the S6053BO-V inspection system demonstrated at Viscom's Stand 4A-120 at SMTconnect – where they can also discover many other state-of-the-art inspection gates from Viscom and their extensive networking.



The 3D AXI system iX7059 Module Inspection from Viscom for special power electronics requirements



Solder inspection using 3D inline X-ray at chip and DCB level of a power semiconductor



Optical 3D wire bond inspection provides accurate height information

### **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).