

Press Release

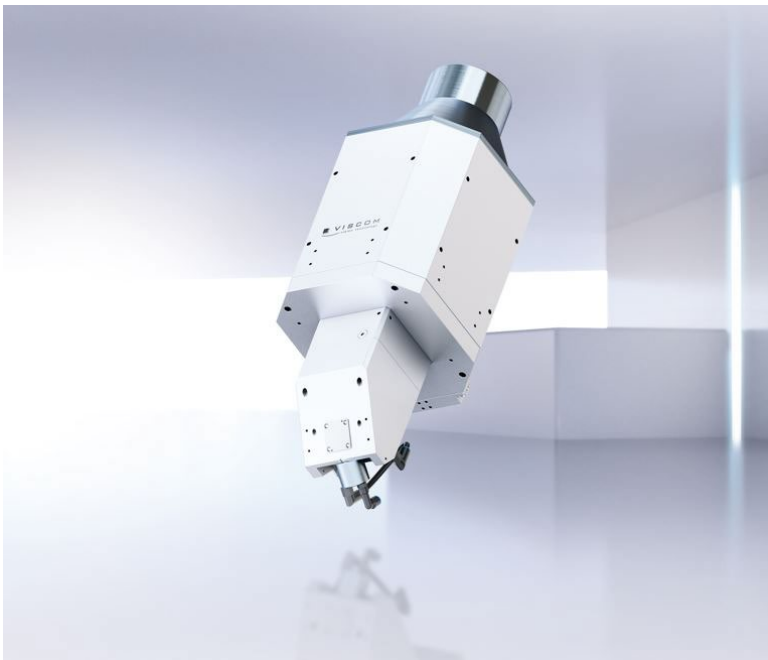
Viscom at the Control International Trade Fair – X-ray Technologies for a Wide Spectrum of Quality Requirements

Hanover, Germany, May 3, 2023 – At this year's Control, the many advantages of Viscom AG's X-ray inspection technologies are combined into a central theme. Visitors to booth 9314 in hall 9 of this international trade fair in Germany will learn more about the versatile uses of microfocus X-ray tubes as well as quality assurance for battery cells and final assembled products.

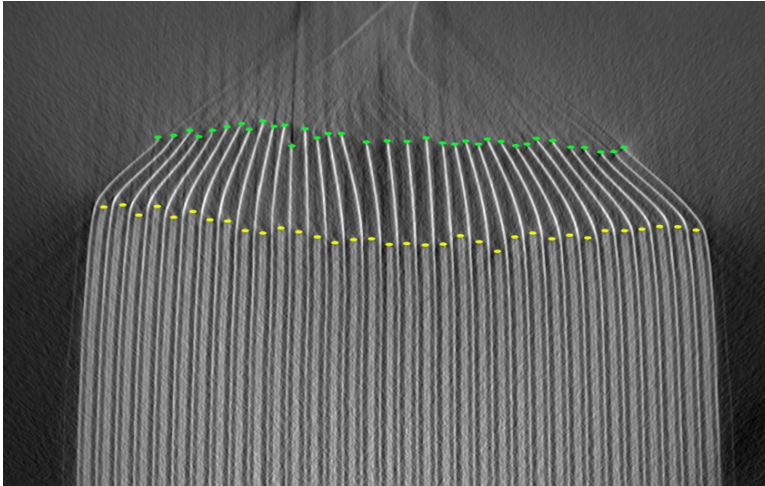
The right technology and related equipment are needed if demanding testing and digitalization functions are to be reliable, efficient and non-destructive. In this regard, X-rays are the perfect choice for comprehensive quality assurance in many manufacturing processes. At the same time as showcasing its high-end optical inspection systems as well as ultra-modern X-ray solutions for electronic assemblies at SMTconnect and PCIM in Nuremberg, Viscom is also featuring its X-ray technologies for a wide spectrum of further areas of application at Control 2023 from May 9 to 12 in Stuttgart.

One innovative component about which detailed information can be obtained is, for example, the XT9320 D open microfocus X-ray tube from Viscom. With its high acceleration voltage of up to 320 kV, it can easily penetrate mechanical parts made of particularly dense materials. Its large target power of up to 640 W makes rapid inspection possible even if complex CT with very many single exposures is needed. The tube is ideally suited for use in computer tomography systems designed for the quality control of industrial products. Flexible use with smaller outputs for delicate inspection objects is also possible. Viscom offers both direct beam as well as transmission and rod anode tubes for different tasks.

Specialists from Exacom GmbH are presenting details of the special features of automated X-ray inspection of battery cells at the Control trade fair. The subsidiary of Viscom has developed many innovative solutions for this increasingly important product range. At the Viscom booth, the special requirements for an X-ray inspection after final assembly will also be addressed in detail. In this context, the company's iX7059 inspection systems can be integrated into production lines or alternatively used as an island concept. Foreign objects that may lead to short circuits or missing components that later affect proper functionality are reliably detected. High-performance handling enables a high throughput – with workpiece carriers and precise fit.



Small objects can be quickly and precisely examined for defects such as cracks and shrinkage voids with the XT9320 D X-ray tube



X-ray inspection of electrode layers in a lithium-ion pouch cell



The Viscom iX7059 product family is designed for the in-line X-ray inspection of a wide range of inspection objects

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).