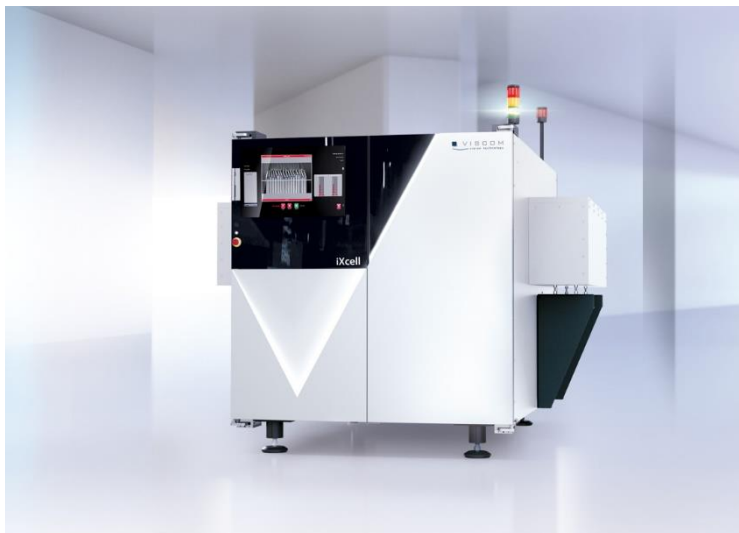


Press Release

Innovative Inspection Technologies from Exacom at the Battery Show North America

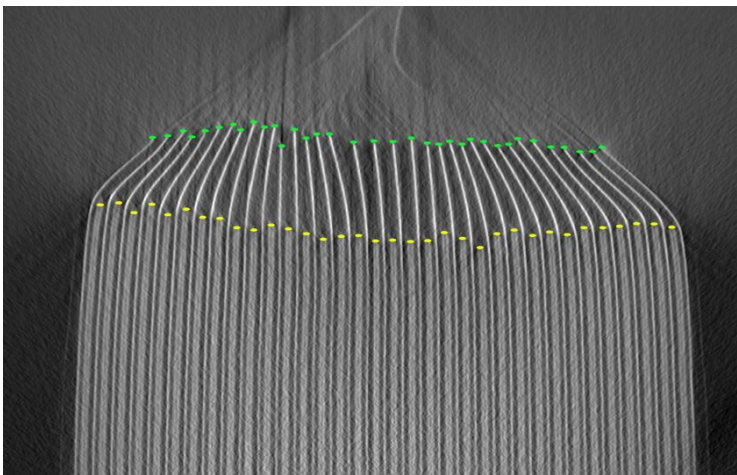
Hanover, Germany, August 24, 2023 – Viscom AG's subsidiary, Exacom GmbH, will participate in Battery Show North America 2023, which will be held Sept. 12–14 at the Suburban Collection Showplace in Novi, Michigan. At booth No. 1428, Exacom experts will answer questions ranging from detailed quality control to comprehensive manufacturing processes.

Whether cylindrical or stacked cells like for medical or automotive applications, power tools or consumer goods – there is the obvious need for safe and performant operation. Exacom's iXcell systems for inline inspection and iLAB for manual and semi-automatic inspection ensure 100% quality control. Innovative X-ray metrology is combined with fully integrated material handling solutions.



Inline X-ray system iXcell from Exacom

The energy density of batteries is increasing in ever smaller spaces. Product safety therefore remains a key challenge for the industry. Defect detection must be fast and repeatedly exact. Cylindrical cells, for example, can be inspected inline in 2D at a rate of 175 parts per minute. Stacked cells, on the other hand, are usually measured and analyzed using computed tomography (CT). Comprehensive insight into the cells with 3D measurement data is possible, e.g., in a lab during product development. Machine capability analyses according to industry-specific guidelines and standards ensure that the test results of Exacom systems exhibit the highest metrological quality in terms of accuracy and precision. Furthermore, image and data processing are supported by artificial intelligence.



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

Together with Exacom, Viscom's US team will be present at the booth to showcase first-hand novelties for automatic optical 3D inspection and 3D X-ray inspection in electronics manufacturing, as well as the latest related AI solutions. A constant innovation-driven exchange between Exacom and the parent company with its broad spectrum of inspection technologies guarantees a high degree of diverse creative impulses.

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).

About Exacom

Exacom GmbH develops X-ray metrology systems for high-quality and cost-effective inline inspection of battery cells. The company has a wide expertise in defect detection and process optimization from research and development to mass production. The advanced solutions cover a wide range of cell formats, including coin, cylindrical, pouch and prismatic cells. Exacom is part of the strong German group Viscom AG.