



WENZEL's fast scanning, reconstruction, and assessment across all CT process stages expedite measurement results

WENZEL Applauded by [Frost & Sullivan](#) for Completely Automating the Entire CT Process Workflow with Its exaCT L Offering

LONDON, U.K. — 18 November 2020 — Based on its recent analysis of the global industrial computed tomography (CT) market, Frost & Sullivan recognizes WENZEL Group GmbH & Co. KG (WENZEL) with the 2020 Global New Product Innovation Award. WENZEL has extended its vast industrial exaCT series with its new, advanced exaCT L, one of the most compact, high-value, and cost-effective offerings in the 225kV and 1,600 watts performance class. The solution's three independent axes enable accelerated measuring and a simple and effective workflow across the entire CT process.

"Compared to many tactile or optical measuring machines that do carry out measurements at the component, the exaCT L can measure inside and outside objects with high precision. The [exaCT L](#) has superior X-ray performance combined with a fast detector, allowing it to measure objects and defects rapidly," said Mariano Kimbara Senior Industry Analyst. "WENZEL has made significant inroads into the market with intuitive user guidance that employs intelligent software to automate all measuring parameters, delivering robust customer value."

WENZEL's exaCT series, including exaCT L, can support several metrology and non-destructive testing applications, including connectors, hearing aids, aluminium casting, combustion engines, or remote controls. The company equips the exaCT L 150 kV version with a high-resolution micro focus X-ray source with a 6,000-pixel detector. By establishing a new benchmark with one of the highest-powered X-ray sources available in the 225 kV segment, exaCT L offers up to 1,600 watts with higher flexibility in applications for larger measuring volumes. Another added benefit is WENZEL's configurable and modular system for individual requirements. Unlike competing solutions, WENZEL's product can be customized to fit user requirements.

exaCT L can be configured to existing CT system power sources and detectors, depending on the application requirement. With a 225 kV output, scanning high-density materials, such as plastics, metal, and multi-materials, only takes minutes. This superior scanning capability makes the solution more reliable and relevant to OEMs' operations. In addition, the solution has the smallest footprint in its class of 225 kV outputs, which addresses customers' small space requirements.



WENZEL continues to gain traction in multiple industries

"WENZEL has successfully introduced compact, customizable systems with advanced resolution, ideal for integration into the shop floor and use in a research environment. Its broad range of capabilities, including decreasing the influence of dirt and temperature, irrespective of the environmental conditions, gives it an added edge," noted Kimbara. "WENZEL continues to gain traction in multiple industries, including automotive, aerospace and defence, medical equipment, and tool making. Its ability to improve components' inspection time with its superior detector and X-ray performance has positioned it for further growth in the CT market."

„We are proud that our computer tomography exaCT L has been awarded with the '2020 Global New Product Innovation Award' by Frost & Sullivan. This shows us that we are on the right path for long-term growth in the global metrology market," said CEO Dr. Heike Wenzel. "The project proceeded in an exemplary manner from new development to the first delivery to the customer. Through great commitment, high flexibility as well as cross-divisional thinking and acting of all parties involved, we developed a new product that perfectly completed our CT series. We would like to take this opportunity to thank all those involved once again".

Each year, Frost & Sullivan presents this award to the company that has developed an innovative element in a product by leveraging leading-edge technologies. The award recognizes the value-added features/benefits of the product and the increased return on investment (ROI) it gives customers, which, in turn, raises customer acquisition and overall market penetration potential.

Frost & Sullivan Best Practices Awards recognize companies in a variety of regional and global markets for demonstrating outstanding achievement and superior performance in areas such as leadership, technological innovation, customer service, and strategic product development. Industry analysts compare market

participants and measure performance through in-depth interviews, analyses, and extensive secondary research to identify best practices in the industry.

[Learn more about the background of the award and about the computer tomograph exaCT L!](#)