

Waygate Technologies Announces New Flagship CT Scanner Phoenix V|tome|x M Omni for Industrial Inspection

HUERTH, Germany, May 9, 2023 – Waygate Technologies, a Baker Hughes business and world leader in nondestructive testing (NDT) solutions for industrial inspection, announced a new flagship computed tomography (CT) solution called Phoenix V|tome|x M Omni today. Designed to replace the company's most popular CT system, it builds on the success and proven technology of the Phoenix V|tome|x M, adding many features that further increase flexibility, speed, and detection quality. The highly versatile premium CT solution is suitable for a wide range of 3D metrology, research, and evaluation applications in the laboratory environment, as well as automated precision inspection in production. The Phoenix V|tome|x M Omni will serve many key industries, including battery inspection in the e-mobility and electronics sectors, and manifold applications in the aerospace industry, among others. The system will be available towards the end of this year. Customers and interested parties can experience its world premiere at the Control trade show in Germany (Stuttgart, May 9-12).

Built on a successful legacy

The Phoenix V|tome|x M Omni is based on the Waygate Technologies Phoenix V|tome|x platform, the most widely used solution for industrial CT systems, with more than a thousand installed systems globally. Among the established key features are the company's proprietary Scatter|correct solution which eliminates scatter at the click of a button; High-flux|target, which provides faster scan results; and the exclusive Dynamic 41 detectors, which offer higher resolution and brightness.

Advanced functions for a wide range of industrial applications

The Phoenix V|tome|x M Omni introduces a multitude of additional benefits, including an increased scan envelope, additional workflow and integration options, improved metrology accuracy and accessibility of key components for ease of use and serviceability.

Optimized image quality is provided by the two horizontally installed tubes: a powerful 300 kV/500 W microfocus tube for first-class imaging of dense parts and a 180 kV/20 W nanofocus tube for imaging with even higher resolution.

Always keeping the operator in mind, the system is designed to increase serviceability and productivity with an easy-to-access maintenance door and a reengineered manipulator that enables high efficiency. The new cabinet includes a large sliding door, making sample loading and unloading easier. It also has versatile loading options that can handle heavy objects using an internal or external crane. The system also offers an increased scan envelope for large samples up to 75 kg with a movable detector for highly effective scanning results of smaller samples.

In addition, the Phoenix V|tome|x M Omni includes a space-saving control desk that enhances workflow flexibility and integrated workflows for automated defect recognition (ADR) with the proprietary X|approver software as well as a new

standardized interface ready for integration into automated workflows with robotic and other at-line inspection solutions.

Award-winning design

Although the CT system is not yet on the market, the Phoenix V|tome|x M Omni was recently awarded the iF Design Award 2023, an international design competition prize that has been awarded annually since 1954. Jurors evaluated the product in terms of its idea, form, function, differentiation, and impact. This year, there were more than 10.000 submissions by more than 4.700 participants. The form and function of the Phoenix V|tome|x M Omni were particularly praised, receiving the highest scores for its practical but stylish design.

"Our goal is to continuously improve our solutions by staying on the cutting edge of technology and exploring new possibilities," says Ben Linke, CEO of Waygate Technologies. "It is therefore a source of pride for us to have developed the Phoenix V|tome|x M Omni, a versatile product with which we are introducing new, valuable features and serving strategically particularly important growth markets. Receiving the iF Design Award underlines our commitment not only to functionality, but also to usability and design, which we believe are essential for developing truly effective solutions."

Visit the Waygate Technologies industrial X-ray and CT solutions booth #3404 in hall 3 at Control to experience the new Phoenix V|tome|x M Omni live for the first time.

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Learn more or contact Waygate Technologies:

- [Product video Phoenix V|tome|x M Omni](#)
- Waygate Technologies [X-Ray and CT Solutions](#)
- Waygate Technologies corporate website: waygate-tech.com
- Waygate Technologies [LinkedIn Channel](#)
- Waygate Technologies [YouTube Channel](#)

Imagery:



The new Phoenix V|tome|x M Omni will be launched later this year.

About Waygate Technologies

Waygate Technologies, a Baker Hughes business, is an industrial inspection solutions provider and the world leader in nondestructive testing (NDT) ensuring safety, quality and productivity. We combine more than 125 years of experience and a collection of heritage brands including Krautkrämer, Phoenix, Seifert, Everest and Agfa NDT. Today, hundreds of brands in the automotive, aviation, space exploration, electronics, energy, battery and additive industries trust our technologies. We drive digital transformation through a broad portfolio of award-winning hardware and software solutions in industrial radiography and computed tomography (CT), remote visual inspection (RVI), ultrasound (UT), robotic inspection, and data management. Headquartered in Germany, Waygate Technologies is part of the Industrial & Energy Technology segment of Baker Hughes. (NASDAQ: BKR).
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