

PRESS RELEASE

YXLON International wins TWO Global Technology Awards for the Cheetah EVO PLUS X-ray Inspection System and the YXLON FF35 CT Metrology System

Hamburg, Germany – October 2018 – YXLON International, a company of the Swiss tech holding COMET Group, is very pleased to announce that it has been awarded two prestigious Global Technology Awards in the categories of Metrology and Inspection, X-ray for its Cheetah EVO PLUS X-ray Inspection System and the FF35 CT Metrology System. The awards were presented to the company during a ceremony which took place during SMTA International.



The Cheetah EVO range of X-ray inspection solutions was created to achieve a simple goal: the very best image in the shortest time, in each of the market sectors. Cheetah EVO systems harness the combined power of several YXLON innovations – FeinFocus X-ray tube technology; high-power target technology; a finely calibrated, long-life flat-panel detector, easy to use software and a state-of-the-art manipulation system. The systems can generate images in extremely high resolution, easily overcoming the unique challenges of the laboratory.

By using slicing technology (Micro3DSlice), the non-destructive inspection of larger areas is possible and substantial cost savings will be achieved, as samples are no longer destroyed by traditional CT or micro-sectioning. Even better, these slice-by-slice images can be analyzed automatically as easily and quickly as a 2D image showing voiding at interfaces perfectly clearly, the key to reliability and failure analysis.

In addition to imaging excellence, with the Cheetah EVO range you can look forward to simple, user-friendly controls and intuitive FGUI – FeinFocus Graphical User Interface –

YXLON

Technology with Passion

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software, not to mention the myriad of benefits of comprehensive automation. One-click solutions make manual inspection effortless and live SMART filters ensure perfect images.

The FF35 CT Metrology also is a market-leading X-ray system which takes measurement to another level, providing precise non-destructive measurements of inner structures with increased complexity via an optimized imaging chain. Each YXLON FF35 CT Metrology system offers: temperature control and compensation, a stable focal spot due to water cooling, accurate sample positioning due to Heidenhain encoders, all of which gives the operator unprecedented levels of measurement accuracy and repeatability.

The YXLON FF35 CT Metrology enables you to perform actual to nominal comparison of very small features and geometric dimensioning and tolerancing (GD&T), something almost unique in our industry. The system is also able to make unstitched images of large assemblies including tablets which can then be viewed at the sub-micron level.

For more information, visit www.yxlon.com.

Premiering in 2005, the Global Technology Awards program is an annual celebration of product excellence in electronics surface mount assembly. Premier products based on the finest examples of creative advancement in technology are chosen by a distinguished panel of industry experts.

Media Relations

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YXLON

YXLON International designs and produces radioscopic and CT inspection systems for a broad variety of industrial applications and fields. Whether in the aviation and aerospace, automotive, or electronics industry, our customers are among the largest manufacturers in the world – major enterprises that place their confidence in our outstanding quality. Our roots go back to the discovery of the X-rays by Wilhelm Conrad Röntgen in 1895 and the construction of the first X-ray tube by Carl Heinrich Florenz Müller in Hamburg in 1896.

COMET Group

The COMET Group is a globally leading, innovative Swiss technology company with a focus on the x-ray, radio frequency and ebeam businesses. With premium high-tech components and systems, we enable customers in numerous industries to both

enhance the quality of their products and make their manufacturing more efficient and eco-friendly. Our innovative solutions under the COMET, YXLON and ebeam brands are in demand for applications such as materials testing and security inspection, the coating and treatment of surfaces, and non-contact sterilization.

Based in Flamatt, Switzerland, the COMET Group has a presence in all world markets. We employ about 1,300 people worldwide, including approximately 440 in Switzerland. Besides production facilities in China, Denmark, Germany, Switzerland and the USA, we maintain various subsidiaries in the USA, China, Japan and Korea. COMET's stock (COTN) is listed on the SIX Swiss Exchange.