

## PRESS RELEASE

### YXLON International Presents New Release of Cheetah and Cougar EVO

Hamburg, Germany – March 2021 – YXLON International presented the new release of the Cheetah and Cougar EVO microfocus X-ray families in three online events. Under the motto 'Innovation is key to Evolution - Evolution empowers you', the next step towards automation was demonstrated and new options were presented that significantly increase efficiency in the X-ray inspection of electronic components.

Laminography with micro3Dslicing in the Yxlon systems is not new but the visualization with the FF CT software, which is now integrated as standard, means 3D images of a new level of brilliance and detail. At the same time, the software remains compatible with Volume Graphics and the corresponding analysis tools.



Concurrently, a new high-resolution flat-panel detector, the ORYX 1616 with a size of 1280 x 1280 pixels, has been introduced that offers a field-of-view extension of 50% compared to the standard version. This means a much better overview and faster work processes due to reduced work steps in automatic sequences. The optimized electronics of the detector enable higher speed and better stability in 24/7 use. Moreover, the ORYX 1616 not only has an improved radiation resistance but can also work with a much lower radiation dose due to its sensitivity. For particularly sensitive test parts, Yxlon also offers the Dose Reduction Kit to reduce X-ray radiation to the absolute minimum and thus protect the test parts even better.



Another highlight is the optional High Load Capacity, a loading unit that, thanks to its special mechanics, can manipulate even multiple or heavy parts weighing up to 20 kg easily, precisely, and without interference. It finds particular use in the inspection of electronics within a closed housing, as is increasingly the case with electric vehicles, for example, or in the efficient check of multiple parts in a single test process.

# YXLON

Technology with Passion

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The YXLON Cheetah and Cougar EVO families in their specific configurations are specially used in the SMT and Semicon sector when the Plus variants mainly support laboratory applications in research and development.

For more information, visit [www.yxlon.com](http://www.yxlon.com).

## 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.

The name YXLON stands for assurance and quality for all types of cast parts, tires, electronic components, turbine blades, welded joints and a lot more. Our product portfolio includes X-ray systems for installation in radiological inspection envelopes, universal X-ray inspection systems on the basis of fully shielded devices, as well as solutions specific to a customer. Whether in manual, semi or fully automated operation, our inspection systems are ideal for deployment in research & development and can be integrated into any production process.

CT systems have been an integral part of our product portfolio. Computed tomography provides a three-dimensional insight into inspection items, thus enabling the analysis of inner structures, dimensional measurement tasks in metrology applications or actual-to-nominal comparisons to CAD data, to name only a few examples. Besides delivering a more precise inspection evaluation when compared with radiography, computed tomography also provides valuable information about the production process. Above and beyond such advantages, our microfocus systems permit highly detailed looks into the most intricate structures and tiniest components.

With our headquarters in Hamburg/Germany, sales and service locations in Yokohama/Japan, Hudson/US (Ohio), San Jose/US (California), Beijing and Shanghai in China, as well as a network of representatives in over 50 countries, as YXLON we're local for our customers all over the world.

Since 2007, YXLON International has been a member of the COMET Group.

### **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 1,400 people worldwide, including approximately 500 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. For more information, visit [www.comet-group.com](http://www.comet-group.com).