

# YXLON International GmbH

## Company profile

As the direct successor to Philips, our roots go back to C.H.F. Müller, the manufacturer of the first X-ray tube, and to W.C. Röntgen, the man who discovered X-rays in 1895. Due to our fundamental knowledge and expertise in X-ray technology and the image chain combined with the joy we experience in development and innovation we have been keeping our market leadership in the field of industrial X-ray inspection for decades. With an 84 % share of our staff holding academic degrees (status 2010), the level of scholarship at our facilities is extraordinarily high. Today we view ourselves as a 'system house' that always finds the right solution for our partners in the field of material testing and inspection, and one that ensures the highest quality for its products.

YXLON designs and manufactures X-ray inspection systems for the widest variety of applications and industries. Our customers include some of the largest producers: they place their faith and confidence in us worldwide. As a result, our systems are deployed just as frequently at major automotive manufacturers such as Daimler AG, BMW, General Motors, VW and Ford as they are at the aviation & aerospace giants Boeing and EADS. Among our customers are foundries active on a global scale, for example Honsel, Superior, Alcoa and Thyssen Krupp, tire manufacturers such as Goodyear and Bridgestone, and also universities and institutions.

The name YXLON stands for assurance and quality for all types of cast parts, for instance aluminum wheels, bolts or cross struts, for automotive components bearing a relevance to safety such as airbags, for tires, electrical and electronic components, turbine blades, welding seams and a lot more. Our product portfolio encompasses X-ray systems for installation in X-ray inspection rooms, universal X-ray systems based on full-protection devices, solutions matched specifically to a customer, manual and fully automatic systems that can be integrated into any production process.

As far back as 1997 we had already brought a standard system onto the international market, the universal X-ray inspection cabinet Y.MU2000-D, which is still deployed worldwide in research, development and production – as of September 2012, 400 currently in use, from August 2013 also available and upgradable with computed tomography. That same year saw the introduction of Y.MU231, a wheel inspection system that asserted itself as the bestselling wheel inspection system with over 200 systems sold until now. Since 2004 the modular wheel inspection system Y.MTIS has intensified this trend, with meanwhile more than 200 systems sold, a fact that underscores our technological concept for success. With 100

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systems already sold since its market launch in 2009, our imaging system Y.HDR-Inspect is equally headed for triumphal acceptance.

Already since 2003, CT systems have been a part of our product portfolio. They are designed and built at our headquarters in Hamburg. Computed tomography is the choice of preference when it comes to applications in testing materials that call for details with even greater precision than are possible using two-dimensional radioscopy. The same applies for geometric dimensioning tasks, a particularly important factor in research & development. We also offer FeinFocus microfocus systems that utilize both 2D and 3D technology. For our customers who have not yet planned the investment in an own system or who's order peaks increase their own capacities, we gladly act as a service provider to carry out contracted work at our professionally equipped facilities in Hattingen and Heilbronn. With the introduction of a brand-new CT family at the Control show 2014 we open the next era in the field of Computed Tomography for industrial applications.

With our headquarters in Hamburg, Germany along with sales and service locations in Tokyo, Osaka, Akron (Ohio), San Jose (California), Beijing, Shanghai, Hattingen and Heilbronn, as well as a network of representatives in over 50 countries, YXLON is as good as on-site at our customers worldwide.

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Technology with Passion

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