



"In a world where the finest details are the tipping point for a customer's success, we're proud to be the only company capable of manufacturing tailor-made solutions that precisely match our customers' market needs."

Stephan Erik Haferl,
President Division IXM at Comet Group

ENLIGHTENMENT THROUGH TECHNOLOGY

Customers trust us to challenge the limits of what can be revealed. By pioneering intelligent X-ray technologies, we provide safer, more economical, trail-blazing solutions that enable our customers to navigate their own voyage of discovery.

Accepting this challenge demands extraordinary commitment. We invest talent and resources in creating brighter ways of exposing hidden worlds. X-ray is at the core of everything we do, illuminating the path ahead. And, with vision, comes insight.

The transparency and clarity of the data we reveal empowers our customers to make enlightened business decisions. These decisions have an impact on our mutual security and efficiency, accelerating our common journey to a sustainable planet.

COMET X-RAY

COMET X-ray provides X-ray modules designed to be effectively integrated for maximum customization. Our metal-ceramic X-ray tubes are unmatched for industrial applications and can be fully optimized for your image chain. By choosing only the elements you need, you can reduce the cost of unnecessary built-in accessories.

We are your one-stop shop, supplying all the integrated components for your X-ray module to reduce work for your supply chain. All X-ray modules are functionally tested as a system before delivery to reduce integration and testing time. The test report is your guarantee.

A user-friendly interface gives you easy access to protocols to provide smoother workflows from installation to operation. Combine this with easy access and control of key generator parameters for a swifter and more cost-efficient installation process.

COMET
Technology with Passion

NEW SOLUTIONS

GUIDED BY EXPERIENCE

COMET
Technology with Passion

WITH YOU, EVERY STEP

Your project is unique, but our goal is always the same: To create solutions that generate real value for every customer, with an individually optimized price-performance ratio. With over 70 years in X-ray technology, we know that there's only one way to deliver a commercially viable tailor-made product: at your side, using our experience to guide you through every stage of the journey.

POWERFUL PROCESS

You'll be introduced to a team of experts including sales, engineering, and product management: specialists who know your market and are experienced in your application area. Together, we'll fine-tune what specific requirements and preferences your project demands. With these specifications in mind, we'll tailor the most realistic and best possible solution for your individual application.

CUSTOMIZED CONFIDENCE

We have the ability to act quickly and shape tailor-made solutions for a timely delivery. Thanks to our in-house manufacturing processes, we can produce X-ray inserts and tubes in various shapes, forms, or energy levels. Our know-how guarantees unique product quality on the critical components of your X-ray tube or module. And, depending on the best match for your application, you also benefit from the largest range of off-the-shelf standard X-ray tubes available in the industry.

COMMERCIALLY MINDED

It's not just our expertise, capabilities, and passion for state-of-the-art X-ray technology that we bring to the table. We also bring a finely-tuned commercial approach: For tailor-made products, we work closely with our partners to define a manageable plan to cover the development costs. We deliver a fully functional solution, and our efficient product-to-market approach reduces your risk of wasted time.



1

REFINING YOUR SOLUTION

People are at the heart of our process. That's why we set up the right team for your project, who will follow you throughout your project. Based on in-depth dialog and sparring, we refine a solution together. We also demonstrate precisely how COMET adds value to your solution.

Our experience and knowledge mean we can assess what solutions are possible from a technological point of view – and how your vision can become a viable reality. We'll share reference stories and white papers to show how we have solved similar problems for similar applications.

Next, we evaluate the project type and scope to determine if it is standard product-based or if we should initiate a research project together. Finally, we set up milestones for our journey.

COMET's manufacturing structure means we have an industry-wide, unique ability to create customized products. It's at this stage that we define which approach we will use for the solution, whether we need to customize existing modules or create a new solution.

With more complex projects, we have the tenacity and determination to work through development cycles. We'll work closely with you to ensure that you can build your product and deliver your system on time.

Our plant in Switzerland can react quickly and customize prototypes. Each customized solution is designed precisely to address your specific needs, so you avoid paying for what you don't need. Specialty knowledge, consultation, and years of experience are simply part of the package.

2

FROM CONCEPT TO PROTOTYPE

3

VALIDATING YOUR CUSTOM SOLUTION

Our experienced salespeople have a sound understanding of your market, allowing us to align expectations early on in the process.

Based on rigorous mathematical models, a digital twin, we simulate the physical possibilities of any given task. This is more economical and faster than building a physical prototype. This approach prevents us from expending valuable resources on designs that are not technically viable.

At this crucial point, we decide whether another design iteration is needed to optimize the prototype design, or we proceed with building the physical prototypes.

Because we manufacture everything in-house, we can react quickly. Our straightforward troubleshooting approach gives fast problem resolution with an iterative approach.

4

DELIVERING REAL VALUE

COMET is a one-stop shop, which gives you significant logistical advantages: With one single company to provide everything you need, from design to development, rapid prototyping, and production of X-ray tubes and sources, you spend less time getting your products to market.

Because we produce all components at our manufacturing facilities, we can guarantee the consistent quality of our products – and you always get exactly what you expect. With shorter lead times and the ability to quickly reprioritize, we can steer our production processes to encompass rush jobs for time-sensitive projects.

For larger production runs, our ability to create uniformity and reproducible products is second to none.

We are also with you when you have commissioned your system: With comprehensive service and support and quick and easy replacement of repair parts, you get fast problem resolutions and less downtime. We're a call away.