

MODULAR THINKING

After more than half a century in the industry, it's fair to say we know about X-rays. We understand how vital it is that all the elements in an X-ray module work seamlessly together. It also requires in-depth know-how of the wide range of applications our customers demand - and how important it is for you to get a module which is not only tailored to your needs, but is intuitive to configure, simple to install, and trusted to deliver uptime during operation.

That's why the modular iXRS is uniquely suited to your challenges. As the world's only producer of both proprietary X-ray tubes and generators, we know our components integrate perfectly to maximize operational efficiency. Add a cooler, cables, and a comprehensive range of accessories to the mix, and you get a modular system built exactly to your specifications.

It's by making this connection between experience, technology, and the real-life challenges of your applications that we can offer you a system that's built with your company's success in mind.

EVERYTHING CONNECTS

In your line of work, you reveal the details to be able to see the big picture. And when all your individual processes come together in one smooth workflow, you can feel the difference that efficiency makes to your bottom line. It all connects.

And that's where we come in. Because at COMET, our pioneering and intelligent X-ray technologies give you safer, more economical, trail-blazing solutions that can help drive your company into a more connected and effective future.

None of us knows precisely what the future will bring, but we do know that being flexible makes us faster to respond to change. Our modular system approach lets you configure a system which is tailor-made to meet your specific challenges. It won't show you the future, but it will help you shape it.

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 through the application of energized light. Light is at the core of everything we do, illuminating the path ahead. And with light comes revelation.

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.

Because when we see things clearly, the right way forward is obvious.

COMET
Technology with Passion

IT ALL COMES TOGETHER

The COMET iXRS - modular thinking for tomorrow's X-ray applications.



COMET
Technology with Passion

TAILORED SOLUTION

COMET X-ray provides a broad range of X-ray modules which are designed to be effectively integrated for maximum customization. Our choice of metal ceramic X-ray tubes is unmatched for industrial applications, allowing the X-ray module to be fully optimized for your image chain. By choosing exactly the elements you need for your system, you can reduce the cost incurred by additional, unnecessary, built-in accessories.

With just one single point of contact, we are your one-stop shop. As the only manufacturer of both X-ray tubes and generators, we supply all the integrated components for your X-ray module, reducing the coordination work for your supply chain. All iXRS modules are functionally tested as a module before delivery to reduce integration and testing times. The test report is your guarantee of peace of mind.

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.

UNMATCHED FLEXIBILITY

A wide range of accessories and modular components, such as the IP21 or IP54 covers, gives you superior flexibility. Choose only what you need.



CHOICE OF CONTROLS

Choose a remote 7-inch touchscreen, PC-based control software, or proprietary customer software. Configure all I/O signals and warning lamps in your application, or integrate them into your platform.



EASY INSTALLATION

Get the one-stop shop advantage with a module-specific pack of warning lamps, USB/Ethernet adaptors, plugs, and cables.



THE iXRS MODULES

Modular thinking for tomorrow's X-ray applications



CABLES

Customizable, spring-loaded, high-voltage cables specific to your application needs.

GENERATORS

iVARIO is available in 160 kV, 225 kV, 320 kV, and 450 kV models. The XRP is available in 100 kV and 600 kV models.

X-RAY TUBES

Metal ceramic X-ray tubes from 75 kV to 600 kV, in unipolar and bipolar models.

COOLING

Oil or water-based cooling, dedicated to the specific iXRS.

TROUBLE-FREE OPERATION

With pre-settings for each X-ray tube from our comprehensive database, you get accurate operation of your filament current and high voltage. This means the module never operates beyond the performance limit of the tube, prolonging tube lifetime and resulting in longer uptime. Advanced default arc-handling automatically restarts in case of shutdown, giving you continuous, reliable, and stable operation. You also avoid image loss through arcing - which is especially relevant for long CT scans.

Our unique modular design approach means you can quickly swap components for service, repair, or troubleshooting, saving cost and time.

We've got your back - we made it, and we know how it works. From generator to tube, cooler, and cables, we have the knowledge and experience it takes to give you the ultimate in service and operational support. With remote access through TCP/IP, service interventions can be made off site to save costly call-outs. By continuously monitoring the generator's performance and operating data, it's faster to pre-empt malfunctions and perform root-cause analysis.

FUTURE PROOF CONCEPT

Software upgrades for the IoT-ready platform keep you up to date with the latest features and functionalities, protecting your investment.



RELIABLE OPERATION

Automated recovery in case of unpredicted shutdown rooted in occurring arcs guarantees continuous, reliable, and stable operation of your application.



MAXIMUM UPTIME

The modular design of the iVARIO generator makes service interventions easy and fast, maximizing uptime.

