

Technical Specifications

X-ray source options: 90 kV to 150 kV, variable	Software: TruView™ Std + Analysis apps
X-ray focal spot: <5 μm or nanofocus	Sample Stage: 20" x 20" or 20" diameter
Image detector options: 6" x 6" to 17" x 17"	System Dimensions: 48" x 36" x 65"
High-resolution flat panel detectors	Power Requirements: 110-220 VAC, <10 A
Manipulator: X, Y, Z, theta + 70° detector tilt	Radiation Safety: ≤0.5 μSv/h
Computer: PC with Windows	Meets all local and international regulations

Features

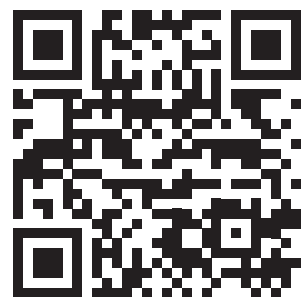
- Fully customizable: versatility to match your application
- Up to 150 kV of X-ray power
- Micro and nanofocus X-ray focal spots
- Powerful and intuitive automation and analysis
- Robot/cobot integrations



PROUDLY MADE IN THE USA



VISIT THE PRODUCT PAGE

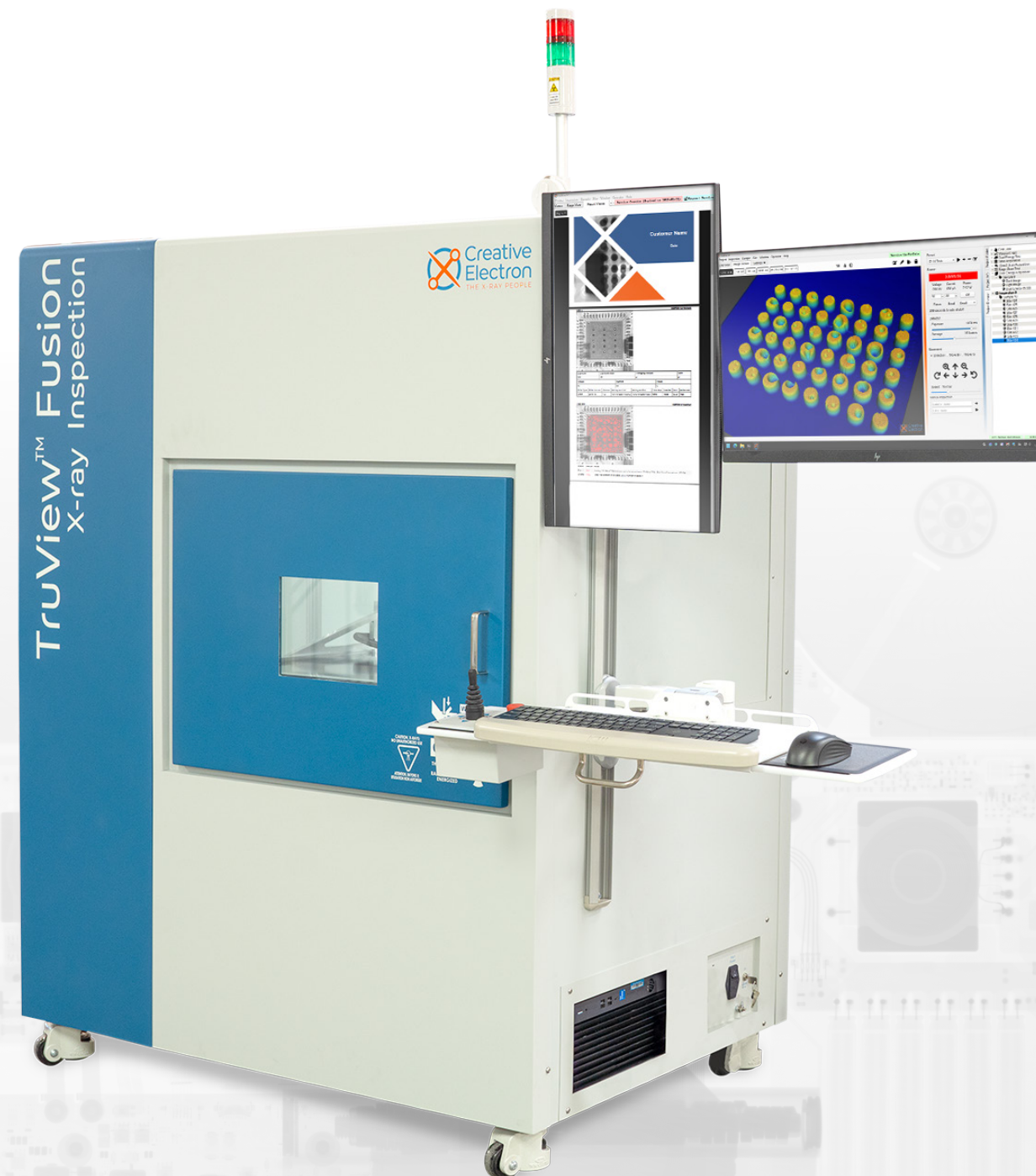


Contact Information

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TruView™ Fusion

Flexible X-ray Platform for All Your Needs



TruView™ Fusion

The TruView™ Fusion X-ray Inspection System is the most versatile X-ray machine on the market today. Capable of inspecting samples up to 20" x 20", the TruView™ Fusion is available with a variety of sources to get the power and resolution required to match your application - with magnification beyond 2,000x.

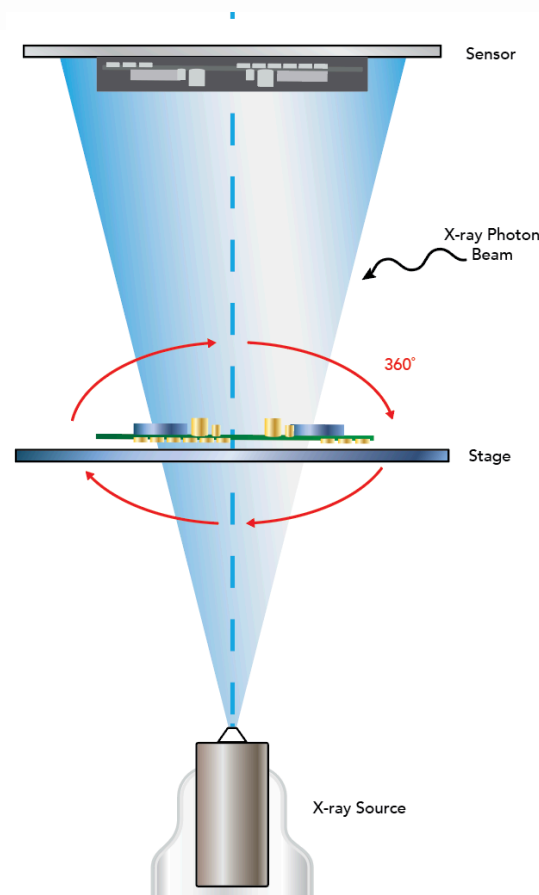
- Fully autonomous powered by AI
- Easy to use – minimal training needed
- User-friendly – enables fast identification of key defects so the X-ray system is not operator-dependent.
- Everyone can be an X-ray expert!
- Automation features for batch inspection
- Automated PDF reporting – a professional way to share your findings with 1 click
- Latest Windows operating system



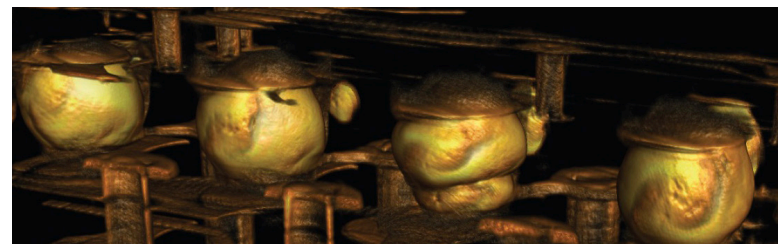
SMART CT™ - 3D X-ray Inspection

When 2D imaging doesn't give enough detail, it's time for 3D computed tomography (CT). CT is X-ray—more accurately, multiple X-ray images combined with volume rendering software tools to create digital 3D models. It's this important distinction that makes our new, modular, SMART CT™ possible. Our SMART CT™ module includes:

- "Wow, I couldn't see that before" image quality
- High precision sample rotation device
- The most user-friendly CT software in the industry
- CT capabilities in a 2D X-ray system
- Domestic design, manufacturing, and support



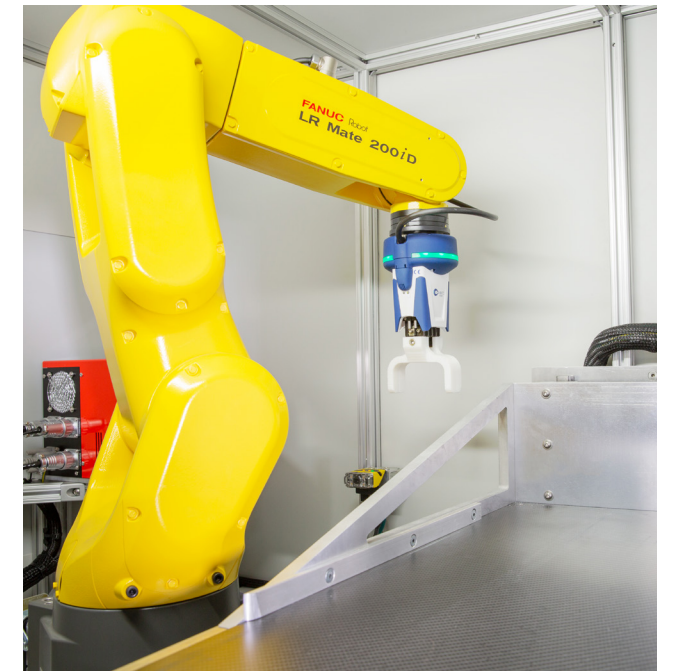
3D Configuration



Head in pillow in a ball grid array (BGA)

Customize without Compromise

At Creative Electron, we manufacture 100% of the systems in San Marcos, CA, from software development to design and manufacturing. Conveyors, grippers, robots, and cobots can be incorporated for material handling. Software tools can be upgraded to assist with or fully automate the inspection process with image analysis and artificial intelligence. Our team is ready to assist in customizing your system, no matter how unique the application. Visit our website to see some examples and give us a call to discuss your project.



Success Stories

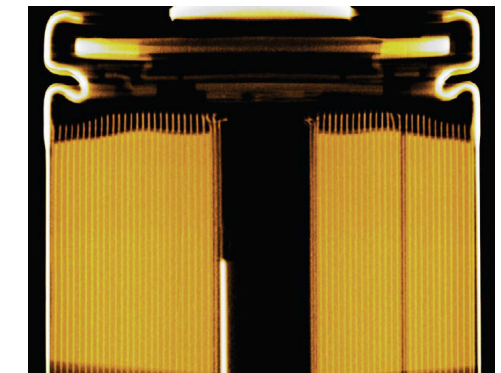
Connector wire crimping



Medical device



Battery



Our guarantee to you.

Our three-year warranty. Because we build our own products right here in San Marcos, California, we are able to offer a 3-year warranty to our customers in the USA for all our standard products. We believe in the solutions we provide and are confident that they will operate robustly, consistently, and reliably in our customers' hands for a long time with minimal maintenance. Your peace of mind is our top priority.

