Technical Specifications

X-ray source options: 90 kV or 130 kV, variable

Image detector options: 6 x 6 cm to 43 x 43 cm FPD

Manipulator: X, Y, Z + sample rotation

Sample Stage: 20″ x 20″

System Dimensions: 38″(W) x 45″(L) x 45″(H)

Computer: PC with Windows

Software: TruView™ Std + Analysis apps

Power Requirements: 110–220 VAC, <10 A

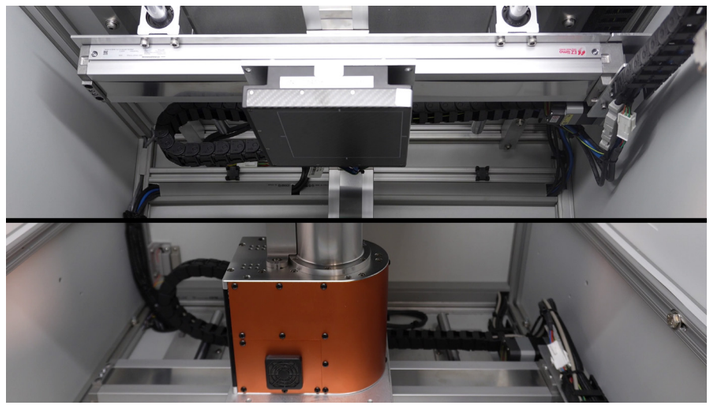
Radiation Safety: ≤0.5 µSv/h

Meets all local and international regulations

Features

- Fits on a standard industrial workbench
- Up to 130 kV microfocus X-ray source
- Large sample stage, fully viewable
- Detector and source XY movement
- Save component presets for batch inspections
- Automatically generate inspection reports
- Conical and Planar CT in one system (option)
- Fully customizable
- Choice of automation to match your needs
- Powerful and intuitive software

Fully scannable 20″ x 20″ Stage



PROUDLY MADE IN THE USA

VISIT THE PRODUCT PAGE

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TruView™ Prime SDX

Top Performance on the Benchtop

Creative Electron
THE X-RAY PEOPLE

TruView™ Prime SDX

TruView™ Prime SDX

The TruView™ Prime SDX brings advanced X-ray inspection and planar CT capabilities to the benchtop, delivering powerful analysis in a compact, space-efficient footprint. Despite its size, the system features a fully viewable 20″ × 20″ inspection area, allowing manufacturers to inspect larger assemblies without compromising image quality or accessibility.

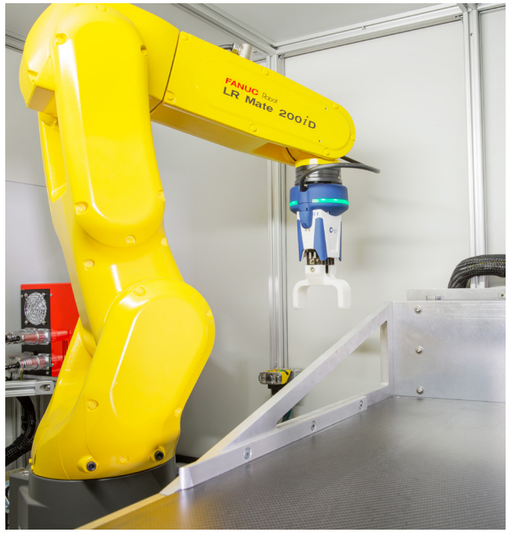
Options

- Dual 4k Monitor (option)
- Mobile workbench (option)
- Joystick navigation (option)

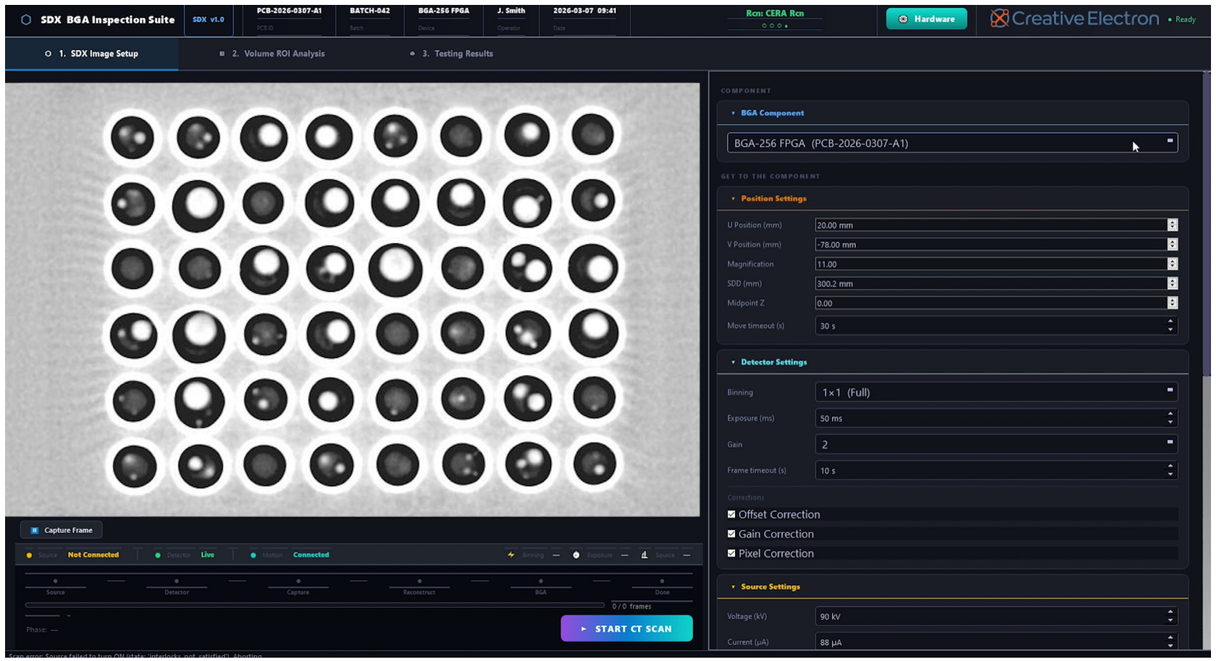
TruView™ Prime SDX

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.

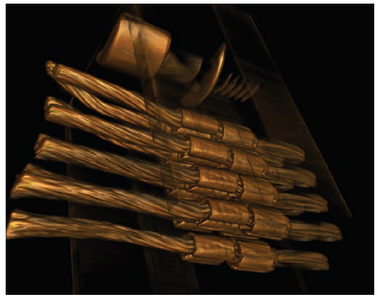


TruView™ SDX: Planar CT in 3 Steps

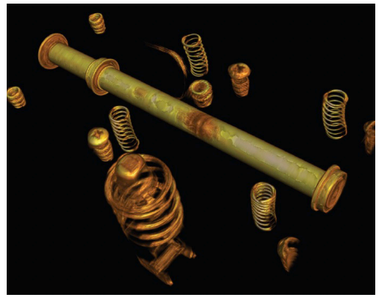


Success Stories

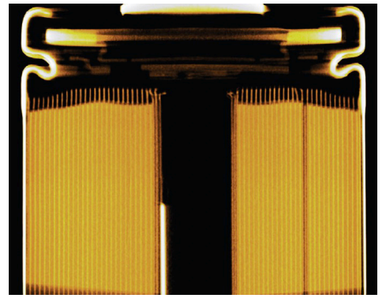
Connector wire crimping



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.