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Creative Electron to Spotlight TruView™ Prime SDX with Planar CT Capability at SMTA Guadalajara Expo 2026

SAN MARCOS, Calif. – September 2026 – Creative Electron, Inc., a leading U.S. manufacturer of X-ray inspection systems, will showcase the TruView™ Prime SDX benchtop X-ray inspection system at the SMTA Guadalajara Expo & Tech Forum, taking place October 7-8, 2026, at Expo Guadalajara Salón Jalisco Hall D & E in Guadalajara, Jalisco, Mexico.

The TruView™ Prime SDX combines high-performance X-ray imaging with a fully viewable 20" × 20" inspection area, giving manufacturers the ability to inspect larger assemblies without moving to a full inline system. The platform supports traditional 2D X-ray, advanced 2.5D imaging, and SDX Planar CT, providing detailed visibility into hidden structures and defects within complex electronics.



Creative Electron is currently the only company offering this combination of planar CT capability, compact benchtop footprint, and accessible price point. The system gives manufacturers a practical path to advanced 3D inspection without the footprint or investment typically associated with conventional CT systems. By integrating multiple imaging modes into a single benchtop platform, the TruView Prime SDX offers a practical alternative to larger, more expensive CT systems.

Designed for today's increasingly dense and layered assemblies, the system allows for clear inspection of large BGAs, stacked packages, bottom-terminated components, and other challenging designs. AI-powered analysis tools further streamline the inspection process by automatically measuring and quantifying solder quality metrics, including BGA voiding and pad voiding, helping reduce operator variability while improving inspection speed and consistency.

The system is built with ease of use in mind. Operators can complete a planar CT scan in just three steps, with the ability to save inspection parameters as presets for repeat use. Reporting tools provide

clear visualization of defects and trends, supporting faster decision-making in both quality assurance and failure analysis workflows.

“We soft-launched the TruView™ Prime SDX at APEX earlier this year, and SMTA Guadalajara is the perfect venue to make it a major focus,” said Dr. Bill Cardoso, founder and CEO of Creative Electron. “We are currently the only company offering planar CT in a benchtop platform at this accessible price point. It gives manufacturers a practical path to advanced 3D inspection without the footprint or investment typically associated with conventional CT systems.”

Creative Electron systems are designed, engineered and manufactured in the United States. The company's software and service teams are also based in the U.S., creating a direct line of accountability throughout the entire life of each system. When service is required, customers work directly with Creative Electron—support is not outsourced to an unfamiliar third-party provider.

To learn more about the TruView™ Prime SDX, visit [Benchtop X-Ray Machine | TruView Prime | Creative Electron](#).

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About Creative Electron

Creative Electron, Inc. designs and manufactures advanced X-ray inspection and computed tomography systems for electronics, aerospace, defense, medical devices, batteries, automotive manufacturing and other demanding applications. With U.S.-based engineering, software, manufacturing and service teams, Creative Electron provides configurable inspection solutions supported directly by the people who build them.