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FOR IMMEDIATE RELEASE

Scienscope Delivers AI-Powered Counter to Solve Component Inventory Bottleneck at SMTA Guadalajara 2026

Chino, CA – September 2026 – Scienscope International will introduce its award-winning AXC-800 III X-Ray Component Counter at SMTA Guadalajara 2026, taking place October 7-8 Expo Guadalajara Salón Jalisco Hall D & E. Attendees visiting Booth 958 will see how the system transforms reel inventory management into a near-zero-error, fully traceable digital process.

The AXC-800 III addresses a persistent pain point in high-volume SMT lines: counting errors that trigger line stoppages, expedited shipping costs, and material write-offs. By combining high-resolution X-ray imaging with proprietary AI algorithms, the system achieves **99.99% counting accuracy** and **repeatability**—reducing a 30-minute manual count to a 60-second automated scan.

Beyond Counting: Integrated Barcode Intelligence

The system captures two critical data points simultaneously. As the X-ray images components inside each reel, a **patented internal optical barcode scanner** deciphers part numbers, quantities, and batch codes in the same pass. Operators receive instant, validated material data—without the risk of manual data entry errors or separate scanning steps.

Key operational benefits for production managers:

- **Eliminates manual counting errors** that cause shortages or excess inventory
- **Cuts labor time** per reel from 30 minutes to under 60 seconds
- **Generates labels automatically** for immediate put-away or kitting
- **Integrates directly with MES and ERP systems** for real-time inventory visibility

"For EMS providers, a counting mistake on a \$500 component reel can cascade into a \$50,000 line downtime event," said Eddy Lin, Founder of Scienscope. "The AXC-800 III turns that risk into a routine quality check. It's not just a counter—it's a gatekeeper for material integrity from receiving to the pick-and-place machine."

Designed for High-Mix, High-Volume Environments

The AXC-800 III is built to handle the full range of reels—from 7-inch to 15-inch diameters—without requiring dedicated fixture changes. Its AI-based counting logic adapts to various component types and densities, eliminating the need for operator calibration between jobs. Real-time results appear on a 21-inch touchscreen interface, with optional remote monitoring for centralized inventory control across multiple lines or facilities.



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About Scienscope

Scienscope was founded in 1994 by Mr. Eddy Lin to provide reliable and cost-effective inspection solutions for the electronics and PCB industries. Over the past 30 years, the company has continued to innovate and evolve, offering a complete array of inspection solutions, including offline and inline X-Ray systems, video inspection



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systems, and microscopes. In 2018, Scienscope introduced the first X-ray reel component counter, which provides a fully automated solution for managing electronic materials and streamlining operations. The company now offers many solutions to save time, money, and effort and can seamlessly integrate our equipment into MES, ERP, or any other 3rd party software systems. Scienscope invites global SMT manufacturers to join our mission and revolutionize your operations to achieve your goals.