



Koh Young Brings Smart AI Solutions and Expanded True 3D Inspection Portfolio to SMTA Guadalajara 2026

Atlanta, Georgia – Koh Young Technology, the industry leader in True 3D measurement-based inspection solutions, will bring its Smart AI Solutions and a broad portfolio of advanced inspection technologies to the SMTA Guadalajara Expo & Tech Forum, October 7–8, 2026, at Expo Guadalajara in Guadalajara, Jalisco, Mexico. Visitors to Koh Young Booth 522 will see four inspection platforms spanning solder paste, automated optical, double-sided, and dispensing process inspection, while regional partner SMATsol will also demonstrate Koh Young technology in Booth 510.

The Guadalajara exhibition will showcase the KY8030-3 True 3D Solder Paste Inspection (SPI), Zenith UHS True 3D Automated Optical Inspection (AOI), Zenith DS double-sided AOI, and Neptune C+ Dispensing Process Inspection (DPI) systems. Together with Koh Young's Smart AI Solutions, the technologies demonstrate how trusted measurement data can extend beyond defect detection to help manufacturers improve programming, automate review, identify process variation, and optimize production.

"Mexico continues to be an important and rapidly developing electronics manufacturing market, and Guadalajara gives us an excellent opportunity to show manufacturers how inspection technology is evolving," said Heriberto Cuevas, Country Manager for Mexico and South America at Koh Young America. "Accurate True 3D measurement remains the foundation, but the value of that data now reaches much further. Our Smart AI Solutions help manufacturers use inspection information to make faster decisions, reduce unnecessary intervention, optimize processes, and improve productivity across the line."



Smart AI Solutions *Turn Inspection Data into Action*

Koh Young's Smart AI Solutions are built on the company's True 3D measurement technology and AI expertise to address some of the most persistent challenges in electronics manufacturing, including programming, defect review and judgment, process optimization, and production visibility. Rather than treating inspection as an isolated quality gate, Koh Young connects reliable measurement data with intelligent software to create a continuous improvement loop across the SMT line.

Visitors will see how solutions including KAP Auto Programming, Smart Review, KSMART, and KPO (Koh Young Process Optimizer) work together to reduce programming time, improve defect review consistency, uncover process trends, and support closed-loop optimization of printing and placement. The result is a more proactive approach in which manufacturers can use inspection data not simply to find defects, but to understand and address the process conditions that create them.

KY8030-3 *High-Speed True 3D Solder Paste Inspection*

Having pioneered 3D measurement-based solder paste inspection, Koh Young continues to advance SPI performance with the KY8030-3. The platform combines Koh Young's proven True 3D measurement technology with high-speed inspection designed for demanding production environments. Its advanced optics and 8-megapixel imaging provide precise, repeatable solder paste measurement, giving manufacturers trusted process data at the critical first stage of SMT production.

That measurement data can also support KPO Printer closed-loop optimization, allowing manufacturers to analyze real-time inspection data, detect changes in solder paste behavior, and support corrective printer adjustments before defects appear downstream.

Zenith UHS *High-Speed True 3D AOI for Demanding Assemblies*

Designed for high-volume production without sacrificing measurement accuracy, the Zenith UHS combines high-speed inspection with Koh Young's quantitative True 3D measurement approach. The platform provides manufacturers with the inspection performance and measurement confidence needed for increasingly complex assemblies and demanding production environments.



Combined with Koh Young's Smart AI Solutions, the inspection data generated by Zenith UHS can extend beyond individual defect decisions to help manufacturers recognize trends, identify systemic issues, and improve process performance across lines and products.

Zenith DS *True 3D Inspection for Double-Sided Assemblies*

The Zenith DS expands Koh Young's True 3D AOI technology to double-sided inspection, addressing increasingly complex assemblies where components, solder joints, and other inspection targets on both sides of the PCB require reliable measurement and comprehensive coverage.

By bringing the Zenith DS to Guadalajara, Koh Young will give manufacturers in Mexico an opportunity to experience one of the newest additions to its AOI portfolio and discuss how double-sided inspection can improve coverage while supporting increasingly complex production requirements.



Neptune C+ *True 3D Measurement for Coatings and Dispensed Materials*

The Neptune C+ extends Koh Young's measurement expertise beyond traditional SMT inspection. Using proprietary LIFT (Laser Interferometry for Fluid Tomography) technology, Neptune C+ provides non-destructive, high-resolution 3D inspection of transparent and translucent materials including conformal coatings, underfill, epoxy, and other dispensed materials. It can identify imperfections such as bubbles and cracks while quantitatively measuring material thickness and coverage.

Supporting Electronics Manufacturing Across Mexico

Koh Young's presence in both Booth 522 and the SMarTsol Booth 510 reflects the companies' commitment to providing manufacturers throughout Mexico with access to advanced inspection technology backed by local sales, applications, and service expertise. The partnership between Koh Young America and SMarTsol strengthens the resources available to manufacturers as electronics production in Mexico continues to expand and become more technically demanding.

From solder paste inspection at the beginning of the SMT process to high-speed AOI, double-sided inspection, and measurement of coatings and dispensed materials, the Guadalajara showcase demonstrates the breadth of Koh Young's inspection portfolio. More importantly, the Smart AI Solutions surrounding those systems show how measurement data can connect individual inspection processes and help manufacturers make better production decisions.

Koh Young invites electronics manufacturers, process engineers, quality leaders, and operations teams to visit Booth 522 and SMarTsol Booth 510 during the SMTA Guadalajara Expo & Tech Forum on October 7–8, 2026. Visitors can experience Koh Young's latest True 3D inspection technologies and learn how Smart AI Solutions are helping manufacturers turn trusted measurement data into greater productivity, improved quality, and optimized processes.

About Koh Young Technology, Inc.

Koh Young helps manufacturers prevent defects, stabilize processes, and increase throughput. Since 2002, the company has led True3D™ measurement-based metrology and inspection, beginning with the industry's first 3D solder paste inspection system using patented dual-projection Moiré technology. Building on that foundation, Koh Young addresses complex applications including machined parts, press-fit and through-hole pins, conformal coatings, dispensed materials, and semiconductor packaging. A continuous innovation mindset and a customer-focused R&D approach underpin its leadership. With global operations and regional teams, Koh Young provides local support, training, and process expertise that turn inspection data into decisive, closed-loop action for a smarter factory. Learn more about True 3D measurement-based inspection and metrology solutions at www.kohyoungamerica.com or www.kohyoung.com.