



Nordson TEST & INSPECTION showcases state-of-the-art inspection and metrology solutions at SEMICON Taiwan

Aylesbury, United Kingdom — August 2023 — [Nordson TEST & INSPECTION](#) today announced its participation in SEMICON Taiwan, one of the most anticipated events in the semiconductor industry. The company will be showcasing its state-of-the-art inspection and metrology solutions, including the CyberOptics SQ3000™+ Multi-Function system, the new Quadra 7 Pro Manual X-ray Inspection (MXI) System, and the revolutionary WaferSense® Auto Teaching System™ (ATS2). The event will take place from Sept. 6-8, 2023 at TaiNEX 1&2 in Taipei.

The new Quadra 7 Pro MXI system sets a new standard for 3D/2D manual inspection in back-end semiconductor applications. Powered by the revolutionary Onyx® detector technology, it delivers exceptional image clarity and reduced noise levels, elevating the inspection experience to new levels of precision and efficiency.



Equipped with the latest Dual Mode Quadra NT4® tube, the Quadra 7 Pro provides users with maximum flexibility. This innovative feature offers brightness and resolution modes, allowing operators to dynamically switch between them based on specific application requirements.

Enhancing the Quadra 7 Pro's capabilities is the newly developed Revalution™ software, tailored specifically for high-end semiconductor applications. With an intuitive interface, optimized workflow, and expanded functionality, Revalution™ software empowers operators to efficiently analyze and interpret inspection data, contributing to faster decision-making and improved overall productivity.

The CyberOptics SQ3000™+ Multi-Function system is designed for high-end applications, catering to industries such as advanced packaging, mini-LED, advanced SMT, and 008004/0201 SPI. This all-in-one solution offers unmatched accuracy and high speed, utilizing an even higher resolution Multi-Reflection Suppression® (MRS®) sensor that effectively eliminates reflection-based distortions caused by shiny components and specular surfaces.

The WaferSense® Auto Teaching System™ (ATS2) is a multi-camera sensor that, when used in conjunction with CyberSpectrum™ software, enables accurate wafer hand-off calibration for semiconductor tool alignment and setup for front-end



semiconductor fab environments. With the ability to capture three-dimensional offset data (x, y, and z) in real-time, ATS2 simplifies wafer position teaching without the need to open the tools. This results in repeatable and reproducible setups, streamlined maintenance checks, accelerated troubleshooting, and reduced technician-to-technician variation, leading to significant yield improvements and enhanced productivity for semiconductor fabs worldwide.

To witness the future of advanced inspection and metrology technology, visit booth #L0800 on the 4th floor at SEMICON Taiwan 2023, and explore Nordson TEST & INSPECTION's range of industry-leading solutions.

For more information, visit www.nordson.com.

About Nordson TEST & INSPECTION

Nordson TEST & INSPECTION offers its customers a robust product portfolio, including Acoustic, Optical and Manual & Automated X-ray Inspection, X-ray Component Counting and Metrology Sensors. Nordson TEST & INSPECTION is uniquely positioned to serve its customers with best-in-class precision technologies, passionate sales and support teams, global reach, and unmatched consultative applications expertise.

About Nordson

Nordson Corporation (Nasdaq: NDSN) is an innovative precision technology company that leverages a scalable growth framework through an entrepreneurial, division-led organization to deliver top tier growth with leading margins and returns. The Company's direct sales model and applications expertise serves global customers through a wide variety of critical applications. Its diverse end market exposure includes consumer non-durable, medical, electronics and industrial end markets. Founded in 1954 and headquartered in Westlake, Ohio, the Company has operations and support offices in over 35 countries. Visit Nordson on the web at www.nordson.com, www.twitter.com/Nordson_Corp or www.facebook.com/nordson.

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