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**FOR IMMEDIATE RELEASE**

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**PEMTRON to Exhibit at SEMICON Taiwan**

**August 2024** — PEMTRON, an inspection equipment developer and supplier, is excited to announce its participation in SEMICON Taiwan 2024. The event will take place Sept. 4-6, 2024 at TaiNEX 1&2 in Taipei. Visitors can find PEMTRON at Booth P5606, where the company will be showcasing its innovative 8800WI, APOLLON and MARS inspection systems. SEMICON Taiwan is one of the premier events for the global semiconductor industry, providing a platform for industry leaders to share the latest technological advancements and trends.

**MARS System**

The MARS system is a high-speed memory module AVI (Automated Visual Inspection) system, renowned for its precision and reliability even in challenging environments. Utilizing advanced image processing technology, MARS delivers accurate inspection results at remarkable speeds. Its robust design ensures consistent performance, making it an invaluable tool for memory module manufacturers looking to enhance quality control and production efficiency.



**APOLLON System**

For package inspection, PEMTRON offers the APOLLON system, designed to accommodate a wide range of packages including BGA, LGA, QFN, QFP, CSP, and SOP. APOLLON excels in real-time defect identification and automated reporting, which significantly enhances manufacturing efficiency and minimizes downtime. This system ensures that defects are detected and addressed promptly, thus maintaining high standards of quality throughout the packaging process.



### **8800WI Wafer Inspection System**

PEMTRON will also showcase the 8800WI wafer inspection system, which utilizes advanced 2D and 3D imaging technologies to inspect various types of bumps, including micro bumps. The 8800WI plays a crucial role in identifying and addressing quality issues early in the semiconductor manufacturing process. Its cutting-edge imaging capabilities allow for detailed inspection, ensuring that even the smallest defects are caught and rectified.



Visitors to PEMTRON's booth can experience live demonstrations of these cutting-edge inspection systems on monitors featuring videos of the equipment in action. Don't miss the opportunity to learn more about how PEMTRON's solutions are shaping the future of semiconductor inspection. Visit booth #P5606 at SEMICON Taiwan to explore the MARS, APOLLON, and 8800WI systems firsthand and discover how they can elevate your manufacturing operations.

For more information about PEMTRON, please visit [www.pemtron.com](http://www.pemtron.com).

### **About PEMTRON**

Based on 3D precision measurement and vision source technology, PEMTRON develops equipment used in various fields such as SMT, Automotive Field, Lead Tab, Semiconductor, and supplies Soldering Inspection equipment (3D SPI), 3D Mounting Inspection equipment (3D AOI, MOI), Conformal Coating Inspection equipment (TROI-8800 CI), Bottom Head Inspection equipment (Eagle 8800TH), Top & Bottom Double Sided Simultaneous Inspection equipment (Eagle 8800TWIN), Automated X-Ray SMD Counter (MERCURY), Wafer Sawing Before/After 3D Inspection equipment (8800 WI/WIR), Wire Bonding 3D Inspection & MEMS Auto Inspection equipment (ZEUS), Package AVI equipment (APOLLON), Memory Module / SSD Auto Inspection equipment (MARS), FC-BGA, FCP-CSP Inspection equipment (POSEIDON-S), Scale Sorter Of FC-BGA Products (8800 FI), Bump Metal Mask Inspection equipment (8800 MI), PCB Appearance Inspection equipment (8800 AI) and Lead Tab Process/Inspection equipment (Hawk 7300).