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FOR IMMEDIATE RELEASE

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Visit PEMTRON at SEMICON India to see the Future of Semiconductor Inspection

August 2024 — PEMTRON, an inspection equipment developer and supplier, is pleased to announce its participation in SEMICON India 2024, where the company will be showcasing its state-of-the-art inspection systems in Booth H3Q11. The event will be held at the India Exposition Mart Limited (IEML) in Greater Noida and will be co-located with electronica and productronica India.

Featured Inspection Systems:

MARS System

PEMTRON's MARS system is a high-speed Automated Visual Inspection (AVI) solution specifically designed for memory modules. Renowned for its precision and reliability, the MARS system utilizes advanced image processing technology to deliver accurate inspection results at remarkable speeds. Its robust design ensures consistent performance, making it an essential tool for memory module manufacturers aiming to enhance quality control and production efficiency.



APOLLON System

The APOLLON system, tailored for package inspection, supports a wide range of package types including BGA, LGA, QFN, QFP, CSP, and SOP. APOLLON excels in real-time defect identification and automated reporting, significantly enhancing manufacturing efficiency and minimizing downtime. By promptly detecting and addressing defects, the system maintains high standards of quality throughout the packaging process.



8800WI Wafer Inspection System

The 8800WI wafer inspection system employs advanced 2D and 3D imaging technologies to inspect various types of bumps, including micro bumps. This system is crucial for 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 detected and rectified.



Visitors to PEMTRON's booth can experience demonstrations of these cutting-edge inspection systems, 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 H3Q11 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.

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).