

News Release**For Immediate Release**

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ITW EAE to Showcase Latest Electronic Assembly Equipment Developments at IPC APEX
Lakeville, Minnesota, February 4, 2025 – ITW EAE will be showcasing its latest developments at IPC APEX, March 18 - 20 in Anaheim. The ITW EAE booth #2400 will have MPM, Camalot, Electrovert, Vitronics Soltec and Despatch Applications Experts on hand as well as Sales and Management to answer questions and offer solutions.

Camalot will be demonstrating their Advanced Tilt and Rotate option on the Prodigy dispensing system. This innovative and patented feature reduces wet out areas and improves capillary flow for underfill by accurately dispensing on the side walls of packages. State-of-the-art rotary actuators provide a fast, high precision, zero backlash mechanism that allows proprietary motion and controls allow articulation of the dispense pump in sub-degree increments for both axes as many times as you need, in other words total flexibility.

Electrovert wave solder will feature the new Tunnel Heater option on the Electra wave soldering system. The Tunnel Heater option offers multiple benefits to board manufacturers: improved temperature capability and control of profile ramp rates, increased heated length without increasing the length of the machine, increase production line efficiencies with no impact to the N2 tunnel performance, and a full package solution with the ability to reduce N2 consumption compared to other inerting technologies. **Electrovert will also feature the Heavy-Duty Finger Conveyor option** which is designed to address the increasing demands of PCB production in terms of weight, throughput capability and process flexibility.

Electrovert introduces the new Aquastorm 160, equipped with the advanced Hurricane System, a cutting-edge cleaning solution that combines powerful performance while maintaining a compact design. Its Powerful Intermix nozzles ensure superior rinse efficiency, and the versatile 24" conveyor width accommodates a wide range of PCB sizes. The patented Torrid Dryer guarantees optimal drying, while Checkmate 4.0 enhances product control and precision alignment. The system also features improved chemical isolation to reduce consumption. With advanced capabilities for datalogging, CFX and OPEN APPS, the AS160 supports seamless tracking and communication protocols. With these innovations, the Aquastorm 160 delivers top-tier cleaning performance while optimizing both operational efficiency and environmental sustainability.

MPM will conduct live demonstrations of the award-winning Edison II ACT printer. The MPM® Edison™ II ACT is a state-of-the-art automated changeover solution for establishing a solid step ahead toward the industry mega trend. It is designed for simplicity, ease of adoption, scalability, and creating attractive ROI for users. With a built-in ± 8 micron machine alignment, and ± 15 micron wet print accuracy (≥ 2 Cpk @ 6 sigma, Edison's wet print accuracy is 25% better than the next best printers. Edison II ACT provides a cost-effective solution for labor intensive and error prone product changeover task, it enables quicker & simpler, reduced labor dependance, and error free changeover.

Vitronics Soltec will feature Centurion Reflow Oven with True N2 to Air Switching. This innovative feature provides flexibility and ease of use, enabling users to effortlessly switch between nitrogen and air atmospheres at the push of a button. This capability ensures the reflow oven tunnel remains optimally clean, whether operating in air or nitrogen mode. Additionally, the Centurion reflow oven will soon be produced in the USA—be sure to stop by for more details!

Despatch will showcase the LFC1–38 Class A bench-top oven. The LFC1-38 oven was designed to meet the rigorous safety standards outlined by NFPA 86. Engineered specifically for applications involving flammable solvents or significant moisture removals, this advanced oven features a pressure relief panel, purge timers and exhaust fan to ensure safe operation. Utilizing horizontal recirculating airflow, the LFC oven guarantees uniform temperature distribution, optimizing performance and reliability in high cost of failure environments.

ITW EAE, a division of Illinois Tool Works, Inc., is the global leader in process knowledge, services and manufacture of capital equipment used in the printed circuit board assembly and semiconductor industries. The group brings together the world's leading brands of electronics assembly equipment: MPM Printers, Camalot Dispensers, Electrovert Cleaners and Soldering Solutions, Vitronics Soltec Soldering Solutions and Despatch Thermal Processing Technology. For more information visit www.itweae.com.