

News Release

For Immediate Release

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ITW EAE to Showcase Latest Electronic Assembly Equipment Developments at IPC APEX

Lakeville, Minnesota, December 13, 2022 – ITW EAE will be showcasing its latest developments at IPC APEX, January 24-26 in San Diego. The ITW EAE booth #1106 will have MPM, Camalot, Electrovert and Vitronics Soltec Applications Experts on hand as well as Sales and Management to answer questions and offer solutions.

Camalot will be presenting live demonstrations of its Advanced Tilt and Rotate dispensing system. This new and innovative system reduces wet out areas and improves capillary flow for underfill and provides access to dispense on side walls, underneath, or around tall components.

Camalot will also feature a new syringe cooling option that increases the “pot-life” of underfill materials by maintaining the syringe at controlled temperature within the heated machine environment. This innovative solution reduces material waste, reduces downtime, and increases process stability. Depending on the material properties and internal machine temperature, underfill material will last 3-5 times longer when using the syringe cooling system.

Electrovert will demonstrate the new Auto Adjust Exit Wing that is being introduced for its wave soldering machines. It automatically adjusts laminar wave flow to match board velocity for reduced defects. The Auto Exit Wing provides highly repeatable, precisely controlled exit wing adjustment that has been proven to deliver up to a 70% reduction in bridging defects and improved topside hole fill. Adjustments are made on-the-fly, eliminating the need for skilled labor to adjust the exit wing manually during product changeover.

MPM will conduct live demonstrations on the Momentum II Elite printer. This proven, highly-productive printer features enhanced technologies that provide further improvement in machine productivity, yield, ease of use, and flexibility.

Vitronics Soltec will feature the ZEVA+ Selective Soldering solution with the patented Bridge Prevention Technology integrated with the n2 cone. The nozzle is 3D printed out of stainless steel and is then hard chromized for an infinitely long service life.

Vitronics Soltec will also showcase the Centurion™ Reflow Oven with True N2 to Air Switching. This is an option that no one else offers. With the push of a button you can automatically switch between true air environment and true nitrogen environment.

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.