

News Release

For Immediate Release

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ITW EAE MPM Introduces Edison II ACT Stencil Printer for Factory Automation

Lakeville, Minnesota, October 30, 2023 – MPM® announces the new Edison™ II ACT stencil printer a simple to use, easy to adopt and scalable solution for automation. The MPM® Edison™ II ACT is integrated with automated changeover technology that is fast and consistent with reduced operator requirement resulting in error-free changeover, and increased yield and throughput.

The MPM® Edison™ II ACT is the industry's most accurate printer in the market with advanced technology needed for ultra-fine pitch and micro aperture printing processes. This makes it ideally suited for advanced semiconductor stencil printing applications. The MPM® Edison™ II ACT has a proven print process capability greater than 2 Cpk for 0201 metric components. 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.

MPM® Edison™ II ACT has a transfer efficiency that exceeds requirements for the smallest apertures. A single high precision load-cell with closed-loop pressure control and motor driven system enable precise and consistent squeegee force control across the entire print stroke in both directions, which helps improve yields. Innovative machine design achieves ultra-tight coplanarity between stencil and substrate enabling yield improvement for ultra-thin stencil printing.

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 MPMwww.itweae.com.