

**News Release****For Immediate Release**

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## **ITW EAE Electrovert Matrix Manifold Wins New Product Innovation Award**

Camdenton, Missouri March 14, 2025 – Electrovert is proud to announce that its Matrix Manifold system has won the New Product Innovation Award (NPI). Electrovert's Matrix Manifold is the ultimate solution for manufacturers seeking consistent, repeatable cleaning performance while maintaining ease of maintenance.

NPI Awards has recognized leading new products for electronics assembly during the past 12 months, with recipients selected by an independent panel of industry engineers.

The Matrix Manifold is engineered to lower spray nozzles, optimizing mechanical and thermal energy transfer to the product while minimizing particle atomization. By maintaining precise spray velocity and coverage, this technology significantly enhances cleaning performance, particularly for challenging low-standoff applications. It increases repeatability by ensuring precise alignment of spray patterns in both the wash and rinse sections. The controlled height adjustment of the manifold is highly repeatable, providing a consistent cleaning process that maximizes efficiency. The system is designed to reduce chemistry consumption by properly aligning nozzles and spray bars to the product, making it an environmentally sustainable solution.

Matrix Manifold technology is fully compatible with all types of spray nozzles, offering enhanced cleaning performance without increasing energy consumption. It can be manually adjusted or programmed with a recipe-controlled set-point within the machine's software. The automated version supports Industry 4.0-level integration, allowing manufacturers to incorporate it seamlessly into smart factory 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](http://www.itweae.com)*