

## News Release

### For Immediate Release

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## ITW EAE Wins Global Technology Award for Electrovert's DwellFlex 4.0 Adjustable Wave

Lakeville, Minnesota, September 30, 2020 – ITW EAE is proud to announce that it has earned a coveted Global Technology for the Electrovert's new DwellFlex 4.0 variable contact wave solder nozzle. The awards were presented during an online virtual ceremony at SMTAi on Tuesday, September 29th.

The DwellFlex 4.0 variable contact wave solder nozzle is the first wave solder nozzle that allows the wave width to be adjusted on-the-fly as variable board types are run through the wave. The patent-pending design ensures solder contact time is optimized for a high-mix of board types without changing conveyor speeds. Intelligent software compares the recipes between the products and adjusts the wave contact length, pump speed rpm, forced convection blower speeds, and fluxer settings on-the-fly as needed. This eliminates lost production time and improves solder results.

“As a single wave solution, DwellFlex 4.0 eliminates the temperature drop that occurs between a typical dual wave configuration” said Greg Calvo, Electrovert Product Manager. “A single wave solution improves the nozzle efficiency, promotes better topside hole fill and reduces flux degradation in the soldering process. All these benefits equate to reduced defects and improved line efficiency.”

The Global Technology Awards recognize the very best innovations in the printed circuit assembly industry. Entries are judged on innovative advancement in technology and are chosen by a distinguished panel of industry experts. The awards are designed to promote best practice in key areas including manufacturing quality, customer service, sales growth, innovation and employee motivation.

*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).*