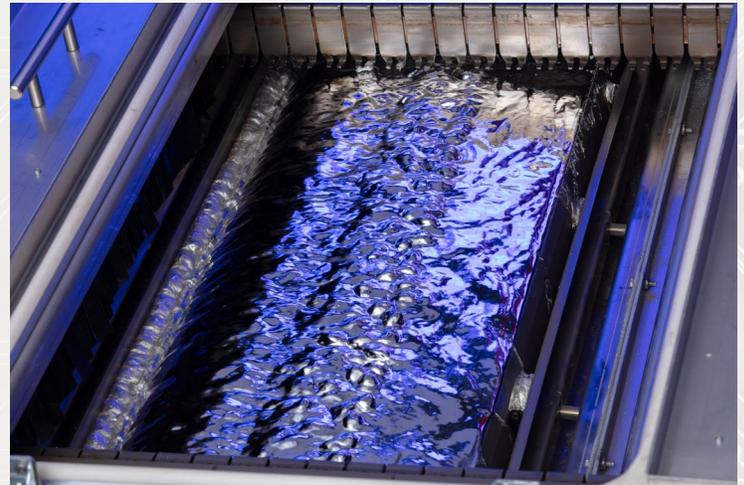


EcoWave™ Option

Smarter Soldering Sustainable Results The future of wave soldering!

Dross remains the leading challenge in wave soldering, driving up costs, increasing labor demands, and impacting overall performance. Manufacturers need a smarter, more sustainable solution—and EcoWave™ delivers exactly that. This patented innovation combines two of Electrovert's most advanced technologies, DwellFlex™ 4.0 and Auto Exit Wing™, to provide unmatched flexibility and superior soldering quality. By addressing the core issues associated with dross, EcoWave™ sets a new standard for cost reduction, operational simplicity, and process reliability.



Key Benefits:

Cost Savings

- >50% dross reduction that results in lower disposal costs and environmental fees
- Fewer maintenance interruptions for reduced labor costs and production downtime

Flexibility and Simplicity

- Simplicity of a single nozzle that exceeds dual wave performance
- Recipe controlled wave manipulation for maximum flexibility in optimizing contact length

Enhanced Product Quality

- Improved soldering results: Fewer bridge defects and better topside hole fill lead to higher yield and fewer reworks

Sustainability Alignment

- No extra nitrogen consumption: Delivering high-quality results without increasing operating costs.
- Supports environmental goals: Lower waste and energy usage help meet internal and external sustainability targets.

>50%

Dross Reduction

Compared to traditional nitrogen wave systems significantly lowering both disposal costs and environmental impacts

EcoWave Option

ECOWAVE OPTION	
Model Compatibility	VectraElite and Electra
Compatible with existing performance based options:	<ul style="list-style-type: none">• Auto Exit Wing: Best technology that reduces bridging• Deep Wave option: Capability to pump a 200 mm wave height• ExactaWave option: Automatically adjusts RPM of pump to maintain a set wave height• Smart Wave option: Rapid changeover between recipes
Field Upgradeable	VectraElite and Electra (VC3 and EC4)

ITW EAE is a division of Illinois Tool Works, Inc. It is a consolidation of all of its Electronic Assembly Equipment and Thermal Processing Technology. The group includes world-class products from MPM, Camalot, Electrovert, Vitronics Soltec and Despatch.

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Cleaning & Soldering Solutions

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