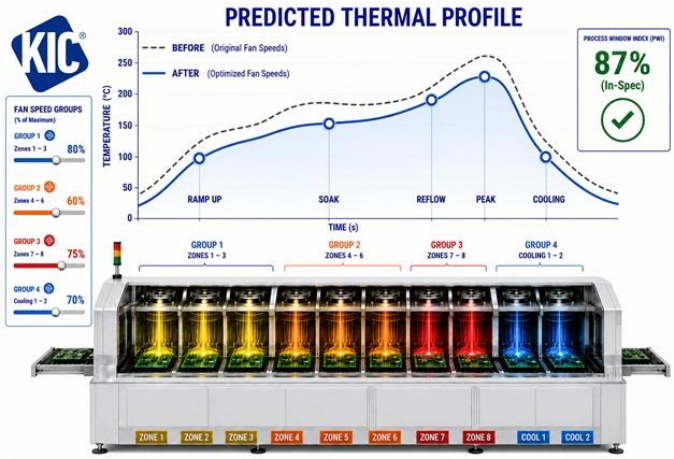
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KIC to Showcase Dual Award-Winning Fan Speed Prediction Technology at SMTA Silicon Valley Expo

San Diego — November 2026 — KIC, experts in electronics assembly thermal process temperature profiling and monitoring, will showcase its **dual award-winning Fan Speed Prediction technology**, featured in KIC's SPS and X5 Profilers with Thermal Analysis System (TAS) software, at the SMTA Silicon Valley Expo & Tech Forum on Thursday, December 3, 2026, in Fremont, California.

Recognized with both the **2026 Mexico Technology Award and the 2026 GLOBAL Technology Award** in the Thermal Profilers category, KIC's Fan Speed Prediction represents a significant advancement in reflow process optimization. As the industry's first profiler-based technology to incorporate fan speed alongside temperature and conveyor speed, this award-winning innovation expands recipe optimization from two variables to three, giving manufacturers greater control over production efficiency, process stability and energy consumption.



One of the technology's most significant advantages is its ability to optimize reflow recipes through fan speed and conveyor speed adjustments without changing oven temperature setpoints. This can virtually eliminate oven stabilization time between product changeovers, reducing downtime, improving throughput and increasing overall equipment effectiveness (OEE), particularly in high-mix production environments.

Fan Speed Prediction also supports energy efficiency by identifying optimized recipes that maintain an acceptable Process Window Index (PWI) at lower fan speeds. Reduced airflow can decrease energy consumption and mechanical wear on oven fans and motors, helping extend equipment life. Available through a simple TAS software update, the technology delivers these advantages without additional hardware or modifications to existing production lines.

“Fan Speed Prediction gives manufacturers a new level of control over their reflow processes,” said Miles Moreau, General Manager of KIC. “By incorporating fan speed into process optimization, we’re helping electronics manufacturers reduce changeover time, improve production efficiency and lower energy consumption without investing in additional equipment. We look forward to sharing this award-winning innovation with the SMTA Silicon Valley community and demonstrating its value to today’s manufacturing operations.”

To learn more, visit www.kicthermal.com.

About KIC
KIC is a leading provider of thermal profiling and process control solutions for electronics manufacturing. With more than 25,000 systems installed worldwide, KIC helps manufacturers improve quality, productivity, and process control through innovative thermal process technologies.