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KIC Wins 2026 Mexico Technology Award for Fan Speed Prediction Innovation

San Diego — September 2026 — KIC, experts in electronics assembly thermal process temperature profiling and monitoring, is proud to announce that its KIC SPS/X5 Profiler with Fan Speed Prediction in Thermal Analysis System (TAS) software, received a 2026 Mexico Technology Award in the Thermal Profilers category. The award was presented during a ceremony held before SMTA Guadalajara 2026 on Wednesday, October 7, 2026, in Guadalajara, Jalisco, Mexico.

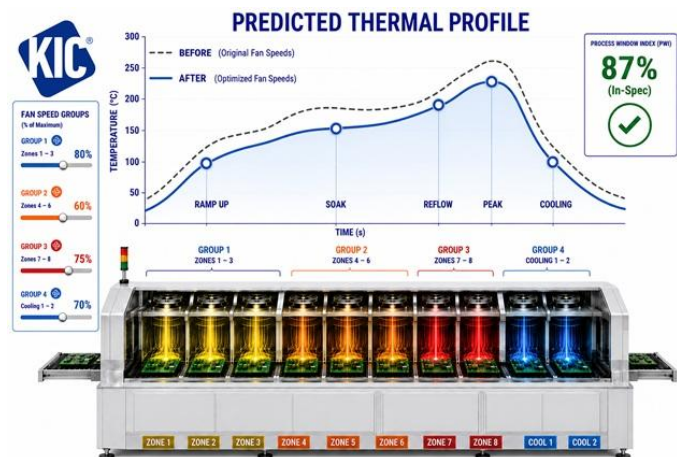
Fan Speed Prediction is the industry's first profiler-based technology to incorporate fan speed behavior directly into reflow recipe optimization alongside temperature and conveyor speed. By expanding thermal optimization from two variables to three, the software enables manufacturers to develop more efficient process recipes while maintaining product quality and process stability.

One of the technology's greatest advantages is its ability to optimize production using only fan speed and conveyor speed adjustments, eliminating the need to change oven temperature setpoints. This allows manufacturers to virtually eliminate oven stabilization time between product changeovers, significantly reducing downtime and improving overall equipment effectiveness (OEE) in high-mix manufacturing environments.

The software also helps reduce energy consumption by identifying optimized recipes that maintain an acceptable Process Window Index (PWI) while operating at lower fan speeds. Reduced airflow decreases power consumption and mechanical wear on oven fans and motors, extending equipment life and supporting manufacturers' sustainability initiatives. Because Fan Speed Prediction is deployed as a simple TAS software update, customers can immediately benefit without installing new hardware or modifying existing production lines.

"Fan Speed Prediction changes the way manufacturers optimize their reflow processes," said Miles Moreau, General Manager. "By adding fan speed as a controllable process variable, we're helping customers improve productivity, reduce energy consumption, and simplify changeovers all through a software enhancement that works with the equipment they already own. We're honored that the Mexico Technology Awards recognized the impact this innovation brings to modern electronics manufacturing."

The Mexico Technology Awards recognize the most recent technological innovations in Mexico's manufacturing landscape, spotlighting achievements by OEM manufacturing equipment and materials



suppliers over the past year. For more information about the awards, please visit:
www.mexicoems.com/mta-awards.

To learn more, visit <https://kicthermal.com>.

About: KIC is a leading provider of thermal profiling and process control solutions. With a commitment to innovation and quality, KIC delivers cutting-edge technologies that help manufacturers enhance production efficiency, product quality, and sustainability.

KIC-Making Ovens Smarter