

For immediate release



**Press Release**

**Solderstar to Present Advanced Profiling Solutions at  
IPC APEX EXPO 2025  
Booth 1120**

Solderstar, a leading provider of profiling solutions for the electronics manufacturing industry, will exhibit at IPC APEX EXPO 2025, which will take place March 18-20, 2025, at the Anaheim Convention Center in California. The event will highlight Solderstar's commitment to offering advanced technologies designed to optimize soldering processes and improve product quality.

At the exhibition, Solderstar will showcase its range of profiling solutions, including the Reflow Shuttle O2. Since its launch, it has been highly successful in helping manufacturers improve reflow soldering processes by providing precise control over key parameters such as O2 ppm levels, temperature profiles, vibration and conveyor speed. This results in higher-quality solder joints, reduced defects, and enhanced process efficiency.

Keith Blakley, Sales Manager at Solderstar, said: "Maintaining precise oxygen levels during reflow soldering is vital for ensuring strong, reliable solder joints. Our Reflow Shuttle with O2 measurement allows manufacturers to track oxygen levels in real time, enabling them to reduce defects caused by oxidation and de-wetting. With this system, manufacturers can optimize nitrogen usage, minimize waste, and enhance overall process efficiency. We are excited to demonstrate how these solutions can make a measurable impact on improving product quality and operational performance."

Solderstar will also present the SLX thermal profiler, a highly accurate, ultra-compact, and battery-powered datalogger designed for measuring and recording process parameters in soldering processes. The SLX unit offers quick setup with minimal user input, automatically configuring itself when docked onto any SMARTLink reflow heatshield or other process

accessories. With features like 2.4 GHz telemetry options, and an impressive 15 hours of profiling time from just a two-hour charge, the SLX ensures high-performance, real-time data capture.

Attendees are invited to visit Solderstar at booth 1120 to find out more about its advanced profiling solutions and discuss how they can optimize their soldering processes.

[www.solderstar.com](http://www.solderstar.com)

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**solderstar**   
SMART PROFILING SOLUTIONS

**BOOTH 1120**



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**Editor's Notes:**

*Solderstar is a recognised technology leader in the design and manufacture of thermal profiling systems for electronic soldering processes.*

*With offices in UK, USA and a technical centre in Germany the company offers the most comprehensive range of process control support and solutions for electronic manufacturers.*

*Solderstar personnel have over 30 years of temperature profiling design experience, combined with in-depth industry and process knowledge, and a 'can do' attitude to product and process improvement.*

*When Solderstar launched its first product offerings, lead-free manufacturing was, for most in the industry, a dot on the horizon. For Solderstar, lead-free soldering was already upon us. It was recognised early-on that soldering within electronic assemblies was set to go through something of a revolution, with new thermal processes needing to be established and controlled like never before. It was seen that electronics manufacturers all over the world would need improved thermal profiling solutions capable of meeting the demands of the newly emerging thermal processes and advancement in soldering machines and ovens.*

*To respond to this, Solderstar developed class leading instrumentation and software that streamline the whole profiling process across reflow, wave, selective and vapour phase soldering processes. Solderstar has grown from strength to strength, completely dedicated from the outset to the needs of the electronic manufacturer. Solderstar is committed to excellence in design, customer support and product innovation.*

*Today, Solderstar products undoubtedly have 'raised the bar' and will continue to set the standard through our commitment to continual improvement of our products, and our ability to combine powerful functionality with robustness, accuracy, and simplicity.*

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