

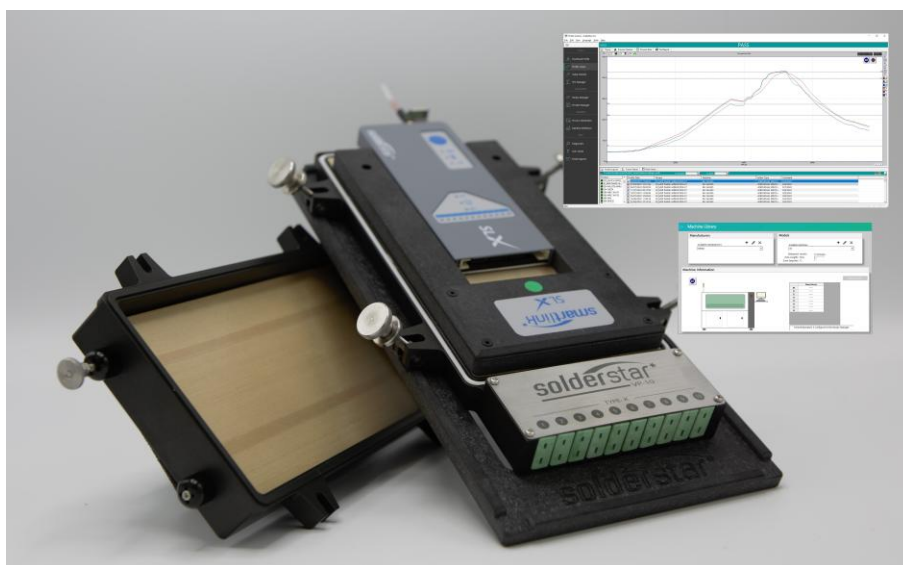
For immediate release



Press Release

Solderstar Brings Advanced Process Verification to Three SMTA Events

Solderstar, a specialist in thermal profiling and process verification technology for electronics manufacturing, will attend three SMTA events across the United States and Mexico during October 2026, showcasing its latest solutions for monitoring, verifying and controlling soldering processes. The programme begins at the SMTA Long Island Expo & Tech Forum on 1 October, where Solderstar will exhibit with its local representative, Photo Chemical Systems. They will then join their Mexican distributor, Repstronics, at the SMTA Guadalajara Expo & Tech Forum on 7 and 8 October, before exhibiting at SMTA International in Rosemont, Illinois, from 27–29 October.



Keith Blakeley, Sales Manager at Solderstar, said: “These events give us the opportunity to meet electronics manufacturers in different regions and discuss the production challenges they are experiencing.

“Temperature profiling remains essential, but manufacturers increasingly need greater visibility of the process itself. Measuring additional parameters can help engineers determine whether variation originates from the machine, the product or the production setup.

“The events also give us valuable insight into the priorities of manufacturers operating in different markets, while allowing us to demonstrate how Solderstar’s thermal profiling technology can help investigate production issues, verify machine performance and achieve more consistent soldering results.”

A key focus at all three SMTA events will be Solderstar’s vapor phase verification suite, combining the VP10 Thermal Profiler and VP Shuttle Verification Fixture. Together, they support process verification from initial machine qualification through to production validation of complex PCBs.

Measuring 37 mm in height, the VP10 provides ten measurement channels across high-mass components, small passives and critical board areas. It integrates Solderstar’s SLX datalogger and supports vacuum-stage operation, long-duration processes and boards with higher thermal mass.

The VP Shuttle measures 12 fixed points across the vapor phase machine to assess temperature uniformity independently of individual PCB designs. Used together, the two systems help engineers distinguish machine-related inconsistencies from PCB-specific thermal behaviour, supporting machine acceptance, routine qualification and ongoing process control.

Solderstar’s wider portfolio of products will also be represented across the three events, supporting reflow, wave, selective and vapor phase soldering applications. The teams will be available to discuss specific production requirements and how additional process data can support machine verification and ongoing production control.

For more information, visit www.solderstar.com

ENDS

Editor's Notes:

About Solderstar

Solderstar designs and manufactures thermal profiling and process verification systems for the electronics manufacturing industry.

With more than 30 years of temperature profiling design experience, Solderstar has developed instrumentation and software to meet the changing requirements of electronics manufacturing. Its technology supports reflow, wave, selective and vapor phase soldering processes, helping manufacturers optimise thermal profiles, verify machine performance, investigate process variation and maintain control of critical production parameters.

From its early development of profiling technology for the transition to lead-free manufacturing, Solderstar has continued to expand its capabilities beyond conventional temperature profiling, developing solutions that provide manufacturers with greater visibility of both product and machine performance.

With operations in the UK, USA and Germany, Solderstar supports electronics manufacturers, equipment suppliers and distribution partners worldwide.

For media enquiries:

Sally Stone PR

sally@sallystonepr.com