



Knowledge in Process

For Immediate Release

Speedline Introduces SPI Print Optimizer

FRANKLIN, MA – April 18, 2011 – Speedline Technologies has announced the introduction of the SPI Print Optimizer, now available with MPM printers. The SPI Print Optimizer utilizes measurements from the end-user's automated, 3-D Solder Paste Inspection (SPI) machine as part of an integrated, closed-loop system to align the printed circuit board to the stencil using X, Y and theta correction.

Positional or registrational accuracy is a critical success factor to the print process. Component miniaturization and lead-free processing emphasize this importance. Although top-performing printers are stable in their operation, other variables such as stencil changes, non-linear stretch, tooling, boards, and environmental factors can negatively impact print quality. Often, operator intervention is required to compensate for these factors leading to increased cost and process variability. By utilizing closed-loop feedback, the SPI Print Optimizer monitors and improves the entire print process with on-the-fly corrections based on real time data. This optimizes solder paste deposition and improves solder joint and, ultimately, end product reliability.

Speedline vice president and general manager, Scott Koizumi, commented, "The SPI Print Optimizer is part of our ongoing efforts to eliminate, not just identify, process defects. By utilizing real time process correction, we can improve yields and reduce production costs."

The SPI Print Optimizer system is available with industry-leading MPM printers including the Momentum series and Accela. To learn more about Speedline, visit www.speedlinetech.com.

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About Speedline Technologies

Speedline Technologies is the global leader in process knowledge, services and manufacture of capital equipment used in the printed circuit board assembly and semiconductor industries.

Based in Franklin, Massachusetts, USA, the company markets five best-in-class brands: Accel microelectronics cleaning equipment; Camalot dispensing systems; Electrovert wave soldering, reflow soldering and cleaning equipment; MPM stencil and screen printing systems; and Protect global services, support and training solutions.

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