

Press Release

For Release June 21, 2007

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Vitronics Soltec AUTOset™ Feature Gives Reflow Profiling a Head Start

Stratham, New Hampshire, USA – Developing reflow profiles for new product runs can eat up production time, especially with complex assemblies. In a high product mix environment, too much process development time can eat into productivity. A new feature developed by Vitronics Soltec in partnership with KIC, AUTOset™, takes advantage of years of process knowledge developed in reflow profiling by Vitronics Soltec and KIC thermal profiling technology. AUTOset makes it possible for the manufacturing engineer to get a “jump start” on process development by generating a preliminary reflow profile based on a PCB assembly’s physical characteristics. The engineer can then ‘fine tune’ an optimized profile from the preliminary recipe.



XPM3 equipped with AUTOset™

AUTOset is a software subsystem incorporating KIC’s remarkable KIC Vision™ auto-profiling technology. AUTOset is installed in all new Vitronics Soltec XPM3 Series reflow soldering machines. It eliminates the need for the operator to “guess” an initial oven recipe, by using an algorithm to calculate the ideal oven recipe based on input data. The engineer inputs information about the PCB to be processed – physical dimensions, solder type, etc., which allows AUTOset to identify a suitable oven recipe prior to running

a single profile. AUTOset not only saves process development time, but also energy and operating costs by generating more efficient profiles from Vitronics Soltec's vast informational database and more than 15 years of developing optimized thermal profiles for reflow ovens. AUTOset will work with any third-party thermal profiler, including KIC and ECD products.

Vitronics Soltec specializes in the design and manufacturing of mass soldering equipment for the global circuit board assembly market, and includes Reflow, Wave and Selective Soldering technologies. Vitronics Soltec designs and manufactures its systems in three facilities, located in Stratham, New Hampshire, USA; Oosterhout, The Netherlands; and Suzhou, China. Direct sales and support centers are located in the United States, Holland, Germany, Singapore, Malaysia, Korea and Shanghai. For more information about the company, visit : www.vitronics-soltec.com, or contact the company at 2 Marin Way, Stratham, NH 03885, Tel. (603) 772-7778, Fax (603) 772-9340, E-mail: info@us.vitronics-soltec.com.

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