

Press Release

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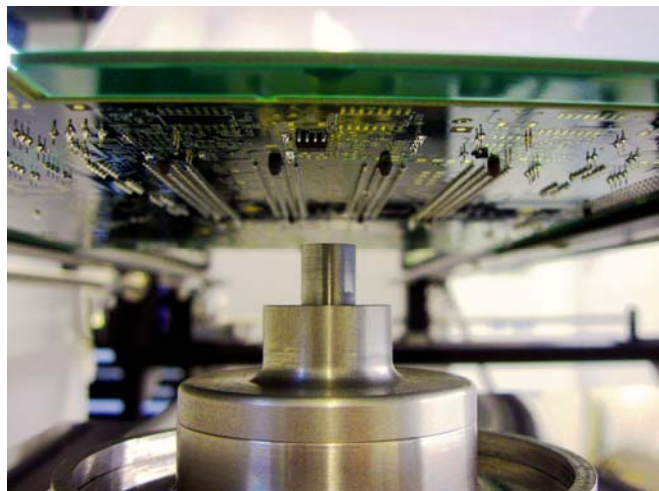
Press Contact: Randy Allinson
Tel. 860 526 8903
E-mail: rallinson@snet.net

ACE Intros N₂ Spot Pre-Heat for Advanced Selective Soldering Applications

Spokane, Washington, USA – ACE Production Technologies announces the addition of Nitrogen (N₂) Spot Pre-Heating capability to their popular KISS line of Selective Soldering machines. N₂ Spot Pre-Heating joins a group of special application features available for KISS machines, which range from semi-automated to fully automated in-line capable selective soldering production systems.

The N₂ Spot Pre-Heater makes it possible to focus and control superheated nitrogen delivery to a very small user-defined area of an electronics assembly to be selectively soldered.

This special N₂ feature is appropriate for soldering operations where large area bottom-side or top-side pre-heating are not feasible or options, and in situations where extended pre-heat cycles and/or extended solder dwell times represent a danger to the subject component or adjacent components.



“We have engineered a method to proportionately control a number of critical parameters including ramp-to-temperature, volume of flow, and dwell time, creating a true small-area pre-heat profile” Al Cable, President of ACE, says. “The inclusion of a few necessary, integral controls and added programming to our already existing methods of using nitrogen within the system has made this possible” he added.

Using ACE's new N₂ Spot Pre-Heat controls in conjunction with their nozzle and nitrogen cap design allows the user to program the delivery of the right amount of nitrogen, with the proper profile, through the solder nozzle before the solder can begin to flow.

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About ACE Production Technologies Inc.

ACE Production Technologies is a designer and builder of simple, affordable selective soldering systems suitable for lead-free electronics assembly. ACE's line of rugged, reliable selective soldering systems includes the KISS 101, KISS-102, KISS-103, and the KISS-104 models. All of these flexible systems feature lead-free compatible solder pots and are ideal for low to medium volume assembly, prototyping, and rework, post-reflow offline assembly, and other soldering applications such as odd-form devices. For more information about A.C.E., including sales and technical, contact ACE Production Technologies, INC., 3010 N. Industrial Park, 1st Street, Spokane Valley, WA 99216; Tel. 509-924-4898, e-mail sales@ace-protech.com; www.ace-protech.com.

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