

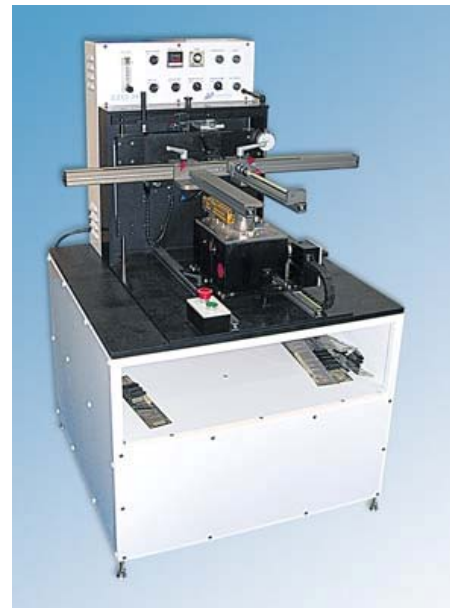
# Press Release

For Release March 2, 2007

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## **A.C.E. Introduces “Best Rework System for Connectors” and Through-Hole Components**

*Spokane, Washington, USA* – Connectors and through-hole components on SMT boards can be difficult to remove and replace without thermally affecting adjacent SMT components. Hot air-based rework systems, typically used for SMT components, are not appropriate for the job. A.C.E. Production Technologies, a leading supplier of selective soldering systems for electronics assembly, announces the introduction of the ACE KISS-100 rework soldering machine, a contact-based (solder fountain-based) rework system designed to selectively remove or install components such as connectors, through-hole components, and odd-form devices into printed circuit boards, panels, and other assemblies without disturbing nearby SMT components.



This lead-free capable system combines the standard KISS solder pot and pump found on all KISS selective soldering machines with a universal PCB holding and indexing nest and a vertical/tilt motion. Traditional rework systems have limitations when installing a new component, because the vertical separation as the component leads emerge from the solder wave tends to leave solder globs and icicles. The KISS-100 uses a state-of-the-art angular (tilt) extraction from the

solder wave. This “tilt” motion allows the solder to drain off the component leads preventing solder bridging and icicles from forming.

The KISS-100 couples high throughput with precise process controls. The manual PCB indexing system provides a handy method of step and repeating over an X-Y matrix. The control features provide the tools to set all process parameters including immersion depth, dwells in solder “tilt” extraction., travel distances and speeds, solder temperature and wave height. Once set, the system will repeat precisely.

Nozzles are available to accommodate connectors up to 6” long, and the KISS-100 will accept PCB panels up to 18” x 24”. It offers step and repeat capability in both X and Y axes for multiple boards in a panel.

A.C.E. Production Technologies manufactures affordable batch load and in-line lead-free capable selective soldering machines and support modules for electronics assembly. The company’s KISS family of selective soldering machines offers unique features, programmability, and flexibility in robust, affordable systems that are designed to fill the gap between hand soldering and more expensive automated inline robotic selective soldering.

For more information about A.C.E., including sales and technical, contact Craig Curk, National Sales Manager, at 2 Major Ct., Wilder, KY 41076; Tel. 859-441-2223, e-mail [sales@ace-protech.com](mailto:sales@ace-protech.com). For general information about A.C.E.products, visit [www.ace-protech.com](http://www.ace-protech.com).

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