

Press Release

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A.C.E. Production Technologies Intros Preheaters for Selective Soldering

Spokane, Washington, USA – A.C.E. Production Technologies introduces its KPH Series infrared (IR) preheat modules for the KISS102 Series Selective Soldering machine. Available in two models, the KPH-10 and KPH-20, both units are simple to set up and use, and feature thermocouple ports to facilitate thermal profiling. The KPH-10 offers a 10" x 24" heating area divided into two 10" x 12" individually-controllable zones of 750-watts each. The PH-20 offers a 20" x 24" heating area divided into four 10" x 12" zones.

Preheating drives out volatiles or moisture from the circuit board, minimizing the potential for delamination from expansion of moisture; it raises the overall temperature of the assembly and prevents thermal shock to the board, allows for faster processing, and reduces the potential for thermal shock and stress to the PCB.



The KPH Series preheaters can operate in either of two separate modes, 'Timer' (times out at a specific setpoint) or 'Ramp and hold' (ramps to setpoint and holds that temperature). Following the preheat cycle, the operator manually advances

the circuit board through the preheater and into the KISS machine where fluxing and soldering proceeds on a pre-heated board.

Available in benchtop or stand-alone configuration, the KPH Series product support rails line up with the rails of the KISS 102, a programmable, fully automated machine that uses the proven 'traveling mini-solder wave. This system, offering a lead-free compatible solder pot, overcomes the limitations of operator-dependent soldering with a truly flexible molten solder delivery system. It is designed to fill the gap between hand soldering and more expensive automated in-line robotic selective soldering.

For more information, including sales and technical, contact Craig Curk, National Sales Manager, at 2 Major Ct., Wilder, KY 41076; Tel. 859-441-2223, e-mail clcurk@worldnet.att.net. For general information about A.C.E.products, visit www.ace-protech.com.

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