

FOR IMMEDIATE RELEASE

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### **HELLER INDUSTRIES, INC. OFFERS THE MILLENNIUM SERIES REFLOW OVENS**

FLORHAM PARK, NJ - Heller Industries announces the addition of the 1800EXL-S of reflow ovens, designed for leading-edge applications. The Millennium machine uses conservation for our clients as its area of focus. A shorter footprint (3.81 meters long) conserves factory floor space. Conservation of the environment through Heller Industries air flux filtration system and a higher temperature attainment for lead-free solder paste. With 2.67 meters of heated length (151 inches) this machine features 17 heated zones and 2 cooling zones.

This machine is designed for *Lead Free Soldering applications*. Lead free satisfies ISO 14000 as high temperature operation is required to melt the lead free solder at 240°C – rather than 183°C. ISO 14000 systems compliance uses Heller Industries Air and *Nitrogen Flux Filtration Systems*. This process allows the removal of flux from the exhaust of the machine. The separation system condenses the flux and collects in trays reducing the maintenance of the machine as no filters are required. *450 degree C temperature capability* – with the new 1800 EXL-S machine, higher melt points for solder paste can be obtained using Heller Industries, Inc. high temperature blower motor assembly that features a ball bearing motor and stainless steel shaft and heavy duty stainless steel impeller wheel. This machine will offer the same benefits as our existing EXL models: A closed loop nitrogen control system that reduces nitrogen consumption by 65%. Rapid response heaters support CPS reflow, flip chip curing and BGA ball attach. Also, the Windows based software for precise profiling and process control, plus troubleshooting protocols.

For more information, contact Heller Industries at 4 Vreeland Road, Florham Park NJ 07932 USA; Tel: (973) 377-6800, Fax: (973) 377-3862; [www.hellerindustries.com](http://www.hellerindustries.com).