

Technical Contact:  
Grant Peterson  
V.P. Marketing & Sales, ECD  
4287-B S.E. International Way  
Milwaukie, OR 97222-8825 USA  
503-659-6100 Ext. 234  
[grant.peterson@ecd.com](mailto:grant.peterson@ecd.com)

Media Contact:  
Liz Richards  
Richards & Lord  
251 Milwaukee Ave. – Ste. 228  
Buffalo Grove, IL 60089 USA  
847-919-1119  
[liz@richardsandlord.com](mailto:liz@richardsandlord.com)

**FOR IMMEDIATE RELEASE:**

**ECD to Showcase OvenCHECKER™ and OvenWATCH®  
at NEPCON Shenzhen**

**Milwaukie, OR, July 31, 2010** – ECD of Milwaukie, OR, USA, developer of a full line of thermal profiling products and software, will join WKK in Booth 2B10 and KASION at Booth 2C41 at the 2010 NEPCON show in Shenzhen. ECD will be showcasing their oven verification products such as the OvenCHECKER™ and OvenWATCH®, both of which reduce scrap rate and rework while increasing yields and production, and are ideally suited to the high-volume production environment.

Used to verify that ovens remain in spec after a board's initial "characterization" profile, OvenCHECKER™ is designed to be self-contained, and requires no thermocouples or repeated use of "golden boards." An operator can be trained to use OvenCHECKER™ in less than two minutes. And because OvenCHECKER™ comes as a complete kit that includes a three-sensor pallet, V-M.O.L.E.® thermal profiler with M.A.P.® software, and a thermal barrier, it also eliminates assembly time's being spent gathering profiling equipment. Readiness indicators are included.

It is after that initial profile has been established that surveys show the thermal management process often breaks down. This is where OvenCHECKER™ steps in, eliminating objections regarding time spent, "golden-board" cost, and training and interpretation required. It utilizes ECD's robust M.A.P.® software as it travels through the oven, and with a push of its patented "OK Button" indicates if the oven profile is in or out of specification. This gives the operator instant "Go/No-Go" decisions, eliminating the need to either find an engineer or download to a computer. Able to store over ninety runs, the OvenCHECKER™ allows an operator to verify profiles all day without having to transfer data.

Using a long-life reusable pallet, as well as a long-life lithium rechargeable battery, the OvenCHECKER™ can reasonably be expected to perform over 2,000 runs without degradation, further living up to its promise to make oven verification both extremely easy and cost-effective.

ECD's second oven verification product to be featured is the OvenWATCH® system, designed to continuously monitor the profile being experienced by PCB assemblies as they pass through your reflow ovens...24 hours per day...365 days per year. Using statistical process control (SPC) software, it automatically spots and reports any out-of-specification problems or trends *before* PCB quality is negatively affected. Because it creates a board-specific dynamic thermal profile, archived for later review, and an optional in-and-out board sensor bar code reading system provides individual profile tracking, you have the beauty of traceability for both traceability and liability risk mitigation.

The system includes a dedicated independent Pentium 4-class networked PC, a thermal profiler with a 1.0" Uni-barrier, and thermocouples to create a baseline reference profile for your process development profiling.

# # #

**Editor: Photos of each product attached for your use: jpg files**

**About ECD:**

USA-based in Milwaukie, OR, ECD develops, designs, and manufactures thermal profilers and software to monitor and control temperatures in electronics and other industry applications. A worldwide leader in this technology, ECD developed the only twenty-channel thermal profiler, as well as the Thermal Quality Management Program (ThQM™) to develop dialogue between OEMs and their EMS providers that helps prevent field failure. ECD also offers free online training classes for the industry through ECD-U. For more information on ECD products or ECD-U visit [www.ecd.com](http://www.ecd.com)

ECD's OvenCHECKER™

