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SEHO Systems to Display Leading Soldering Equipment at APEX 2010

ERLANGER, KY — March 2010 — SEHO Systems GmbH, a leading worldwide soldering provider, will display its latest soldering equipment in booth 259 at the upcoming IPC/APEX conference and exhibition, scheduled to take place April 6-8, 2010 at the Mandalay Bay Resort & Convention Center in Las Vegas.



Depending on the application, the **GoSelective light** is designed for stand-alone operation or as an inline system to be integrated into a fully automated production line.

During the process, the assembly remains on its position. The various workstations, i.e. the fluxer unit, and preheating and soldering units that are mounted on a high-precision axis system, successively approach the solder joints. This allows flexible processing of assemblies up to 500 x 500 mm with absolutely reproducible results.

The GoSelective *light* offers an uncompromisingly high soldering quality and maximum flexibility particularly for small- and medium-sized production volumes. If throughput requirements increase, the system can be upgraded with an additional coordinate fluxing unit and/or preheating module to reduce cycle times remarkably.

The high-grade and compact machine concept "Made in Germany" ensures absolutely reproducible soldering results at a small footprint and thus offers an economic alternative to traditional hand soldering processes.

The **GoWave 1030** is a powerful soldering system for those entering mass-soldering applications. The system is suited for soldering of small- or medium-sizes batches and also provides an economical solution for universities, schools and laboratories. With a fluxing module, an efficient and powerful preheater, an innovative soldering area, and a microprocessor control, this system presents the finest soldering technology in its class.



The redesigned system features a longer reflection tunnel over both the preheat area and the solder pot to promote better energy transfer to the board. The cabinet also has been redesigned as one unit, rather than two separate units. As an additional benefit, the redesigned system features a new spray flux nozzle with HVLP technology to control the quantity and spray pattern of the flux.

The new GoWave 1030 boasts a new PCS 707 touchscreen controller and USB interface. To make service easier, the service points for the fluxer and compressed air are now located directly at the inlet section of the machine. The enhanced system also features a new switch cabinet and updated pump motor, as well as a redesigned exhaust area and conveyor system.



The **PowerRepair** soldering system is designed for professional de-soldering and soldering of through-hole components to PCBs. The unit also can be used for soldering components.

The system features mini-wave soldering technology, which is able to realize de-soldering/soldering of components with a high number of pins and with different pin rows (connectors). As an additional benefit, the system features de-soldering/soldering of components with high thermal mass (thick pins, multilayer boards etc.), and is compatible with all lead-free solder alloys.

The PowerRepair's soldering nozzle ensures a high energy transfer rate, even for high-temperature applications. The system also features short repair cycles, even for high-mass components, and guarantees low thermal stress for both the PCB and the components. All soldering parameters on the PowerRepair are programmable to ensure a defined and repeatable repair process.

For more information on SEHO's soldering systems stop by booth 259 or visit www.sehona.com.

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About SEHO Systems GmbH

Since its foundation in 1973, SEHO has become the worldwide contact partner whenever soldering is involved. Company solutions are based on performance, flexibility, efficiency and technical progress. SEHO's business activities and production organization are oriented according to the principles of sustained future-compatible development and production of machines. As a result, all applicable environmental standards are complied with meticulously. With its systems, the company provides customers with a sustained and resource economizing production facility. It continuously develops its technology in order to provide customers with a competitive advantage. For more information, visit www.seho.de.