



THE GLOBAL LEADER IN THERMAL TECHNOLOGY

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BTU International Awarded a Prestigious Innovation Award for Pyramax 98N

NORTH BILLERICA, MA — April 25, 2007 — BTU International, the global leader in thermal technology, announces that it has received an Innovation Award in the category of Reflow Soldering for its Pyramax 98N. The award was presented by *EM Asia* Magazine to Rob DiMatteo, product manager, during a Wednesday, April 25, 2007 ceremony that took place at the Shanghai Everbright Convention & Exhibition International Hotel during NEPCON China/EMT China.

Pyramax features BTU's superior forced impingement technology. Designed with 24" process capability and operating temperatures up to 400°C, Pyramax is ideal for a wide range of SMT and semiconductor packaging applications, including lead-free operation.

Pyramax focuses on low cost-of-ownership. Cost savings are realized by reducing nitrogen consumption, and by a patented Flux Management System, Closed Loop Heating and Cooling Controls. With an ergonomic design, the system provides easy access to all maintenance points, thereby increasing uptime.

BTU's patented Flux Management System, traps flux residue from the process chamber, preventing it from settling within the oven and leading to increased uptime and lower cost-of-ownership. Easy access to filtration and trap arrangement, multiple extraction locations that maximize overall efficiency, and "on the fly" maintenance that eliminate downtime further contribute to the system's performance.

BTU's exclusive closed-loop convection control provides maximum flexibility in process control, as well as side-to-side gas recirculation that enhances temperature uniformity, guaranteed process repeatability, system-to-system and site-to-site, and an unmatched convection efficiency that reduces zone temperature setpoints.

The unique clamshell air or water-cooling design moves the cooling media away from the process chamber, where it can be easily accessed for maintenance. Water-cooling features a sliding heat exchanger assembly, allowing easy access for maintenance, as well as closed-loop cooling control that provides variable cooling rates and increased process control.

Designed for air or nitrogen, 98N comes standard with a range of features: forced impingement convection, programmable heating and cooling rates, low nitrogen and power consumption, flexible platform configuration, WINCON control software, and electronic over-temperature safety system.

Pyramax's configurable platform allows BTU customers to stay ahead of the rapid technological changes in the industry. As their requirements change, Pyramax's innovative design allows it to be easily reconfigured and enhanced to meet new process requirements.

The Innovation Awards program is sponsored by *EM Asia Magazine* and honors the top 21 brands of various manufacturing-related products, materials and equipment. The purpose of this program is to recognize, reward and celebrate excellence in the Asian electronics industry. The awards will bring the industry together in a celebration of the companies that are achieving the highest standards and driving technology forward.

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About BTU International

BTU International is a market-leading supplier of advanced thermal processing equipment to the electronics manufacturing and alternative energy generation markets. BTU manufactures solder reflow furnaces for printed circuit board assembly as well as semiconductor wafer-level and die-level packaging. BTU also provides thermal process equipment for the solar cell, fuel cell and nuclear fuel industries. BTU, with headquarters in North Billerica, MA, operates worldwide with direct sales and service offices in the USA, Asia and Europe. Information about BTU International is available on BTU's website at www.btu.com.