



Thermaltronics USA, Inc.
1 Barstow Road STE P19
Great Neck, NY 11021
info@thermaltronics.com

FOR IMMEDIATE RELEASE

CONTACT

Michael Gouldsmith
E-mail: mgouldsmith@thermaltronics.com
Web site: www.thermaltronics.com

Thermaltronics Wins Global Technology Award for New Full Vision Soldering Robot

GREAT NECK, NY — October 2018 — Thermaltronics USA, Inc. announces that it was awarded a 2018 Global Technology Award in the category of Soldering Equipment – Other for its TMT-R9800S Soldering Robot. The award was presented to the company during a Tuesday, Oct. 16, 2018 ceremony that took place during SMTA International.

Unlike typical Cartesian robots developed from dispensing technology that do not have precision Z-axis control, the Thermaltronics TMT-R9800S Soldering Robot is equipped with full vision to verify the procedure being undertaken and does not simply follow a pre-determined program. The system incorporates innovative design concepts and precision components to ensure accuracy and repeatability of soldering processes. The combination of high precision hardware and intelligent software ensures precision soldering and low operator training costs. Features include:

- Dual arm, six axis soldering robot
- Intelligently compensates for PCBA variance
- Image recognition & mapping system
- Laser height measurement

The soldering robot has an observation mode, a verification mode and decision making capabilities. This capability to collect and utilize data for production processing is one of the most important factors necessary to meet the requirements of Industry 4.0 standards.



Thermaltronics Curie Heat Technology (CHT) responds to the thermal demands of each solder joint by adjusting the power instantaneously, thereby meeting the exact requirements of the substrate component and solder material. The company's hand soldering products include both 13.56 MHz and 470 KHz power supplies and are fully compatible with competitive product offerings.

Premiering in 2005, the Global Technology Awards program is an annual celebration of product excellence in electronics surface mount assembly. Premier products based on the finest examples of creative advancement in technology are chosen by a distinguished panel of industry experts.

In addition to the hand soldering product line, Thermaltronics also provides an extended range of accessories to support both production and rework applications. For more information, visit www.thermaltronics.com.

###

About Thermaltronics USA, Inc.

Thermaltronics is a manufacturer and supplier of a wide range of soldering products and accessories used in the electronics manufacturing industry. Design and development is undertaken in the USA and Australia, with final production taking place in a customized manufacturing facility, incorporating specialized equipment and in accordance with recognized international standards of quality and compliance.

In addition to the modern factory, Thermaltronics maintains an office and warehouse in New York State, commercial offices in Hong Kong and a Distribution Sales Office in Perth Australia.

All Thermaltronics products are produced in accordance with ISO 9000 & ISO 14000 standards and meet either TUV, GS, CE or NRTL safety requirements. Strict quality control procedures are in place and product warranties are among the best in the industry. For more information, visit www.thermaltronics.com.