

July 7, 2015

inTEST Thermal Solutions Launches Benchtop Systems for IC Temperature Testing

Efficient Cooling and Heating Even With High-Watt Emitting Devices

MOUNT LAUREL, NJ -- (Marketwired) -- 07/07/15 -- inTEST Corporation (NYSE MKT: INTT), an independent designer, manufacturer and marketer of thermal management products and semiconductor automatic test equipment (ATE) interface solutions, today announced the introduction of two benchtop systems for temperature testing integrated circuits (ICs), including high-watt emitting devices by inTEST's Thermal Solutions (iTS). The Temptronic® ThermoSpot® consists of a highly responsive benchtop temperature forcing unit that feeds a thermal head through a flexible umbilical. The thermal head is designed with an interchangeable ThermoBridge™ to mate directly to an IC or other device under test (DUT), creating a highly efficient thermally conductive path to quickly induce temperatures to the device. The ThermoBridge can be designed to interface to the DUT for in-circuit and test socket applications.

Jim Pelrin, president of iTS, commented, "The launch of the ThermoSpot benchtop product line broadens the temperature forcing solutions available for Semiconductor testing from Temptronic. IC developers now have the option to test ICs with an efficient direct contact method in addition to the widely used ThermoStream systems that can generate extreme temperatures very fast."

Two models, DCP-1 and DCP-2, span a temperature range from -65 to 200°C. The DCP-1 provides cooling power of 25W at -40°C for lower power devices, while the DCP-2 provides a capacity to cool 55W at -55°C and 120W at -40°C. A touch-screen controller permits user-programmable temperatures, graphing, and data logging. The system provides fast and precise transitions of temperature at the IC, even with variations in device power, and can be used with Temptronic's proven DUT control technology using an embedded diode or external thermocouple.

Robert E. Matthiessen, inTEST president and chief executive officer, added, "The inTEST business model is centered on our core market in semiconductor ATE, complemented by an expanded product offering for non-traditional electronics markets that require thermal testing. iTS specializes in the design and manufacture of [thermal environments](#) for electronics temperature testing and conditioning, as well as [industrial process cooling systems](#). Thermal equipment includes mobile temperature systems, thermal chambers and platforms, and process chillers. We are recognized for expertise on precise control of extreme thermal environments, -185 to +500°C, and rapid transitions between desired temperatures. The iTS family includes three temperature-related brands: Temptronic, Sigma Systems and Thermonics. We aim to be a recognized authority on extreme temperature environments and provide highly engineered, application-specific thermal solutions with timely delivery, and superior quality and reliability."

About inTEST Corporation

inTEST Corporation is an independent designer, manufacturer and marketer of thermal management products and ATE interface solutions, which are used by semiconductor manufacturers to perform final testing of integrated circuits (ICs) and wafers. The Company's high-performance products are designed to enable semiconductor manufacturers to improve the speed, reliability, efficiency and profitability of IC test processes. The Company's products are also sold into the automotive, consumer electronics, defense/aerospace, energy, industrial and telecommunications markets. Specific products include temperature management systems, manipulator and docking hardware products and customized interface solutions. The Company has established strong relationships with its customers globally, which it supports through a network of local offices. For more information visit www.intest.com.

Contacts

inTEST Corporation
Hugh T. Regan, Jr.
Treasurer and Chief Financial Officer
Tel: 856-505-8999

Investors:

Laura Guerrant-Oiye
Principal
Guerrant Associates
lguerrant@guerrantir.com
Tel: (808) 882-1467

Source: inTEST Corporation

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