FOR IMMEDIATE RELEASE

Contacts:
Aehr Test Systems
Carl Buck
V.P. of Marketing
(510) 623-9400 x381

Financial Relations Board
Marilynn Meek
Analyst/Investor Contact
(212) 827-3773

AEHR TEST SYSTEMS RECEIVES ORDER FOR MULTIPLE ABTS™ ADVANCED BURN-IN AND TEST SYSTEMS FROM TAIWANESE SERVICE PROVIDER

Fremont, CA (July 12, 2012) - Aehr Test Systems (**Nasdaq: AEHR**), a worldwide supplier of semiconductor test and burn-in equipment, today announced receipt of a multi-system follow-on order in excess of $1 million for its ABTS advanced burn-in and test systems from a major provider of semiconductor reliability qualification and testing services in Taiwan. The systems are configured to burn-in and test advanced logic ICs for mobile applications, such as tablets and smartphones, and include individual device temperature control for high-power devices.

"We are pleased to receive this order," said Larry Anderson, vice president of worldwide sales of Aehr Test Systems. "The ABTS system is designed to provide high capacity and a low cost of ownership for burn-in of high-power logic devices requiring individual temperature control for every device under test in the system. The flexibility of the ABTS solution allows a service provider to run either production quantities or multiple qualification lots in a single system, making optimum use of the capital equipment. The high-capacity ABTS thermal chamber can dissipate 36 kilowatts, which we believe is unmatched for applications for high-power devices."

The ABTS family of products is based on a new hardware and software architecture that is designed to address not only today's devices, but also future devices for many years to come. It can test and burn-in both logic and memory devices, including resources for high pin-count devices and configurations for high-power and low-power applications. The ABTS system can be configured with up to 72 burn-in boards with up to 320 I/O channels each and 32M of test vector memory per channel. The ABTS system is optimized for use with the Wells-CTI iSocket* Thermal Management Technology, which provides a scalable cost-effective solution using individual device temperature control for ICs up to 75 watts or more. Individual temperature control enables high-power devices with a broad range of power dissipation to be burned-in simultaneously in a single burn-in chamber while maintaining a precise device temperature. The ABTS system also uses N+1 redundancy technology for many key components in the system to maximize system uptime.

*iSocket is a trademark of Wells-CTI

About Aehr Test Systems

Headquartered in Fremont, California, Aehr Test Systems is a worldwide provider of test systems for burning-in and testing logic and memory integrated circuits and has an installed base of more than 2,500 systems worldwide. Increased quality and reliability needs of the Automotive and Mobility integrated circuit markets are driving additional test requirements, capacity needs and opportunities for Aehr Test products in package and wafer level test. Aehr Test has developed and introduced several innovative products, including the ABTS and FOX™ family of test and burn-in systems and the DiePak® carrier. The ABTS system is used in production and qualification testing of packaged parts for both low-power and high-power logic as well as all common types of memory devices. The FOX system is a full wafer contact test and burn-in system used for burn-in and functional test of complex devices, such as leading-edge memories, digital signal processors, microprocessors, microcontrollers and systems-on-a-chip. The DiePak carrier is a reusable, temporary package that enables IC manufacturers to perform cost-effective final test and burn-in of bare die. For more information, please visit the Company's website at www.aehr.com.

Safe Harbor Statement

This release contains forward-looking statements that involve risks and uncertainties relating to projections regarding customer demand and acceptance of Aehr Test's products. Actual results may vary from projected results. These risks and uncertainties include, without limitation, acceptance by customers of the ABTS technology, acceptance by customers of the ABTS systems shipped upon receipt of a purchase order and the ability of new products to meet customer needs or perform as described. See Aehr Test's recent 10-K, 10-Q and other reports from time to time filed with the Securities and Exchange Commission for a more detailed description of the risks facing our business. The Company disclaims any obligation to update information contained in any forward-looking statement to reflect events or circumstances occurring after the date of this press release.

###