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AEHR TEST SYSTEMS JOINS RUSSELL MICROCAP INDEX

Fremont, CA (July 1, 2008) - Aehr Test Systems (Nasdaq: AEHR), a leading supplier of semiconductor test and burn-in equipment, today announced that the Company was added to the Russell Microcap Index on June 27, 2008, according to a list of additions posted on www.russell.com.

Membership in the Russell Microcap Index, which remains in place for one year, means automatic inclusion in the appropriate growth and value style indexes. Russell determines membership for its equity indexes primarily by objective, market-capitalization rankings and style attributes.

“We are very pleased to be included in the Russell Microcap Index, which raises our visibility within the investment community,” said Rhea Posedel, chairman and chief executive officer of Aehr Test Systems. “It represents a meaningful acknowledgement of the recent growth of our business and the market’s valuation of our future opportunities.”

Russell indexes are widely used by investment managers and institutional investors for index funds and as benchmarks for both passive and active investment strategies. An industry-leading \$4.4 trillion in assets currently are benchmarked to them.

Annual reconstitution of Russell indexes captures the 4,000 largest U.S. stocks as of the end of May, ranking them by total market capitalization to create the Russell 3000® Index and Russell Microcap. These investment tools originated from Russell's multi-manager investment business in the early 1980s when the company saw the need for a more objective, market-driven set of benchmarks in order to evaluate outside investment managers.

About Aehr Test Systems

Headquartered in Fremont, California, Aehr Test Systems is a leading worldwide provider of systems for burning-in and testing DRAMs, flash, and other memory and logic integrated circuits and has an installed base of more than 2,500 systems worldwide. Aehr Test has developed and introduced several innovative products, including the FOX™, MTX and MAX systems and the DiePak® carrier. The FOX system is a full wafer contact test and burn-in system. The MTX system is a massively parallel test

system designed to reduce the cost of memory testing by performing both test and burn-in on thousands of devices simultaneously. The MAX system can effectively burn-in and functionally test complex devices, such as 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 Aehr Test's technologies, acceptance by customers of 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 U.S. 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.

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