

FOR IMMEDIATE RELEASE

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Aehr Test Systems Announces Order for FOX[™]-XP Multi-Wafer System Evaluation

Fremont, CA (January 26, 2015) – Aehr Test Systems (NASDAQ: AEHR), a worldwide supplier of semiconductor test and burn-in equipment, today announced a purchase order from a leading IC manufacturer for a custom FOX Multi-Wafer Test System WaferPakTM Contactor and evaluation activities that will enable the manufacturer to qualify Aehr Test's next-generation FOX-XP multi-wafer system and FOX WaferPak contactor for production test and burn-in of its devices. The customer evaluation plan includes milestones for providing the WaferPak contactor, developing test plans and supporting correlation studies over the next two quarters.

Gayn Erickson, President and CEO of Aehr Test Systems, commented, "We are very excited to announce this agreement representing our first customer commitment to evaluate the FOX-XP solution. This is an important commitment from this customer that can lead to a significant opportunity for Aehr Test, and we believe that this customer's application is a great fit for our next-generation multi-wafer test system."

Aehr Test is developing the FOX-XP system, its next-generation multi-wafer test solution that is capable of functional test and burn-in/cycling of flash memories, microcontrollers and other leading-edge ICs in wafer form before they are assembled into multi-die stacked packages. These stacked packages can then be used for high reliability and quality applications such as enterprise solid state drives, automotive devices, mission critical integrated circuits and sensors. The FOX-XP system utilizes Aehr Test's FOX WaferPak contactor, which provides a cost effective solution for making electrical contact with a full wafer or substrate in a multi-wafer environment. Aehr Test's WaferPak contactors contain up to 10s of thousands of probes to contact all devices on wafers and substrates up to 300mm simultaneously. The FOX-XP system is being developed in configurations up to 25 wafers in parallel in a single system to operate within an efficient manufacturing space footprint. Aehr Test estimates the test equipment and consumables for this emerging market will add \$200 million to \$300 million to its served available market. As previously disclosed, Aehr Test expects first shipments of the FOX-XP system by the latter part of calendar 2015.

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 ABTSTM and FOX families 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 Aehr Test's website at www.aehr.com.

Safe Harbor Statement

This press release contains certain forward-looking statements based on current expectations, forecasts and assumptions that involve risks and uncertainties. These statements are based on information available to Aehr Test as of the date hereof and actual results could differ materially from those stated or implied due to risks and uncertainties. Forward-looking statements include statements regarding Aehr Test's expectations, beliefs, intentions or strategies regarding the future including statements regarding future market opportunities and conditions, expected product shipment dates, customer orders or commitments and future operating results. The risks and uncertainties that could cause Aehr Test's results to differ materially from those expressed or implied by such forward-looking statements include, without limitation, general market conditions, customer demand and acceptance of Aehr Test's products and Aehr Test's ability to execute on its business strategy. 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 Aehr Test's business. Aehr Test 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.