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Aehr Test Systems Announces Proposed Public Offering of Common Stock

Fremont, CA (April 10, 2017) - Aehr Test Systems (Nasdaq: AEHR), a worldwide supplier of semiconductor test and burn-in equipment, announced today that it intends to offer and sell approximately \$15.0 million of shares of its common stock in an underwritten registered public offering. In addition, Aehr Test Systems expects to grant the underwriter a 30-day option to purchase up to an additional 15% of the shares of its common stock sold in the offering to cover over-allotments, if any. All shares of common stock to be sold in the offering will be offered by Aehr Test Systems. The offering is subject to market and other conditions, and there can be no assurance as to whether or when the offering may be completed, or as to the actual size or terms of the offering.

Craig-Hallum Capital Group LLC is acting as the sole managing underwriter of the proposed offering.

The proposed offering is being made pursuant to a shelf registration statement on Form S-3 (File No. 333-216792) that was previously filed with the Securities and Exchange Commission (SEC) on March 17, 2017 and became effective on March 24, 2017. A preliminary prospectus supplement and accompanying prospectus relating to and describing the terms of the offering have been filed with the SEC and may be obtained by visiting the SEC's website at www.sec.gov or by contacting Craig-Hallum Capital Group LLC, 222 South Ninth Street, Suite 350, Minneapolis, Minnesota 55402, by telephone at 612-334-6300 or by email at prospectus@chlm.com. The final terms of the offering will be disclosed in a final prospectus supplement to be filed with the SEC.

This press release shall not constitute an offer to sell or the solicitation of an offer to buy these securities, nor shall there be any sale of these securities in any state or jurisdiction in which such offer, solicitation or sale would be unlawful prior to the registration or qualification under the securities laws of such state or jurisdiction.

About Aehr Test Systems

Headquartered in Fremont, California, Aehr Test Systems is a worldwide provider of test systems for burning-in and testing logic, optical 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, incremental capacity needs, and new opportunities for Aehr Test products in package, wafer level, and singulated die/module level test. Aehr Test has developed and introduced several innovative products, including the ABTS™ and FOX-P families of test and burn-in systems and FOX WaferPak Aligner, FOX-XP WaferPak Contactor, and FOX DiePak® Carrier. The ABTS system is used in production and qualification testing of packaged parts for lower power and higher power

logic devices as well as all common types of memory devices. The FOX-XP system is a full wafer contact and singulated die/module 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, systems-on-a-chip, and integrated optical devices. The WaferPak contactor contains a unique full wafer probe card capable of testing wafers up to 300mm that enables IC manufacturers to perform test and burn-in of full wafers on Aehr Test FOX systems. The DiePak Carrier is a reusable, temporary package that enables IC manufacturers to perform cost-effective final test and burn-in of both bare die and modules. For more information, please visit Aehr Test System'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 intention to offer and sell \$15.0 million of shares of its common stock. These risks and uncertainties include, without limitation, general market conditions and the risks and uncertainties detailed in Aehr Test's recent 10-K, 10-Q and other reports filed from time to time with the Securities and Exchange Commission. 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.

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