

AEHR TEST SYSTEMS

Form SC 13G/A

February 14, 2007

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

SCHEDULE 13G      Amendment No. 8

(Name of Issuer)  
AEHR TEST SYSTEMS

(Title of Class of Securities)  
Common Stock

(CUSIP Number)  
00760J108

Rule 13d-1(b)

(Date of Event Which Requires Filing of This Statement)  
December 31, 2006

NAME OF REPORTING PERSON  
Private Capital Management, L.P. ("PCM")

I.R.S. IDENTIFICATION NO.  
59-3654603

MEMBER OF A GROUP?  
(b) X

PLACE OF ORGANIZATION  
Delaware

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:

SOLE VOTING POWER	693,600
SHARED VOTING POWER*	537,034
SOLE DISPOSITIVE POWER	693,600
SHARED DISPOSITIVE POWER	537,034

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON\*\*  
1,230,634

PERCENT OF CLASS REPRESENTED BY AGGREGATE AMOUNT BENEFICIALLY OWNED  
15.9%

TYPE OF REPORTING PERSON  
IA

ITEMS 1 - 10 OF GENERAL INSTRUCTIONS

Item 1.  
(a) Name of Issuer: AEHR TEST SYSTEMS  
(b) Address of Issuer: 400 Kato Terrace, Fremont, CA 94539

Item 2.  
(a) Name of Person Filing: PCM

## Edgar Filing: AEHR TEST SYSTEMS - Form SC 13G/A

- (b) Address of Person Filing: 8889 Pelican Bay Blvd., Suite 500  
Naples, FL 34108
- (c) Citizenship: Delaware
- (d) Title of Class of Securities: Common Stock
- (e) Cusip Number: 00760J108

### Item 3.

The reporting person is filing as an Investment Adviser registered under section 203 of the Investment Advisers Act of 1940.

### Item 4. Ownership

- (a) Amount Beneficially Owned\*\*  
1,230,634
- (b) Percent of Class  
15.9%
- (c) Number of shares as to which such person has:
- (i) sole power to vote or to direct the vote  
693,600
  - (ii) shared power to vote or to direct the vote\*  
537,034
  - (iii) sole power to dispose or to direct the disposition of  
693,600
  - (iv) shared power to dispose or to direct the disposition of  
537,034

### Item 5. Ownership of Five Percent or Less of Class:

N/A

### Item 6. Ownership of More than Five Percent on Behalf of Another Person:

N/A

### Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company:

N/A

### Item 8. Identification and Classification of Members of the Group:

N/A

### Item 9. Notice of Dissolution of Group:

N/A

### Item 10. Certification:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purposes or effect.

\* PCM exercises shared voting authority with respect to shares held by those PCM clients that have delegated proxy voting authority to PCM. Such delegation may be granted or revoked at any time at the client's discretion.

\*\* PCM disclaims beneficial ownership of shares over which it has dispositive power and disclaims the existence of a group.

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Signature:

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 14, 2007

/s/ Chad D. Atkins  
General Counsel

Duly authorized under Power of Attorney dated January 3, 2007 by and on behalf of Private Capital Management, L.P.