

ELECTRO SCIENTIFIC INDUSTRIES INC  
Form SC 13G/A  
February 06, 2007

SECURITY AND EXCHANGE COMMISSION  
Washington, DC 20549

SCHEDULE 13G  
Under the Securities Exchange Act of 1934  
(Amendment No. 1)

ELECTRO SCIENTIFIC INDUSTRIES, INC  
(Name of Issuer)

Common Stock  
(Title of Class of Securities)

285229100  
(Cusip #)

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1 Name of Reporting Person  
Dalton, Greiner, Hartman, Maher & Co LLC  
IRS Identification 59-3418454

2) Check the Appropriate box if a Member of a group\*

3) SEC Use Only

4) Citizenship or place of Organization  
Delaware LLC

Number of Shares Beneficially Owned by Each Reporting Person With:

5) Sole Voting Power  
503,047

6) Shared Voting Power  
0

7) Sole Dispositive Power  
719,855

8) Shared Dispositve Power  
0

9) Aggregate Amount Beneficially owned by each reporting person  
719,855

10) Check Box if the aggregate amount in row (9) excludes certain Shares

11) Percent of Class Represented by Amount in Row 9  
2.47%

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12) Type of Reporting Person

IA

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Item 1(a). Name of Issuer:  
ELECTRO SCIENTIFIC INDUSTRIES, INC

Item 1(b). Address of Issuer's Principal Executive Office:  
13900 NW SCIENCE PARK DRIVE  
PORTLAND, OR 97229

Item 2(a). Name of Person Filing:  
Dalton, Greiner, Hartman, Maher & Co LLC

Item 2(b). Address of Principal Business Office:  
565 Fifth Ave., Suite 2101  
New York, NY 10017

Item 2(c). Citizenship:  
Delaware LLC

Item 2(d). Title of Class of Securities:  
Common Stock

Item 2(e). CUSIP Number  
285229100

Item 3. This statement is filed pursuant to Rules 13d-1(b), or 13d-2(b), the person filing is an Investment Adviser registered under Section 203 of the Investment Advisers Act of 1940.

Item 4. Ownership:

(a) Amount beneficially owned:  
719,855 shares

(b) Percent of Class:  
2.47%

(c) Number of shares as to which such person has:

(i) sole power to vote or to direct the vote:  
503,047 shares

(ii) shared power to vote or to direct the vote:  
0 shares

(iii) sole power to dispose or to direct the disposition:  
719,855 shares

(iv) shared power to dispose or to direct the disposition:  
0 shares

Item 5. Ownership of Five Percent of Less of a Class :  
Applicable

Item 6. Ownership of more than five percent on behalf of another person:  
Not Applicable

Item 7. Identification and Classification of the subsidiary which acquired the security being reported on by the parent holding company:  
Not Applicable

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Item 8. Identification and Classification of Members of the Group:  
Not Applicable

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Item 9. Notice of Dissolution of Group:  
Not Applicable

Item 10. Certification :

The following certification shall be included if the statement is filed pursuant to Rule 13d-1(b):

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 of effect.

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.

February 9, 2007

Dalton, Greiner, Hartman, Maher & Co LLC  
By : /s/Thomas F. Gibson  
Title : CFO