

7.58

12) TYPE OF REPORTING PERSON*

BD/IA

CUSIP No. 482480100 13G Page 3 of 5 Pages

Item 1. (a) Name of Issuer:

KLA-Tencor Corp.

Item 1 (b) Address of Issuer's Principal Executive Offices:

160 Rio Robles San Jose CA 95134

Item 2. (a) Name of Person Filing:

Neuberger & Berman, LLC
Neuberger & Berman Management Incorporated

Item 2 (b) Address of Principal Business Office:

605 Third Ave., New York, NY, 10158-3698

Item 2 (c) Citizenship:

USA

Item 2 (d) Title of Class of Securities:

Common

Item 2 (e) CUSIP Number:

482480100

Item 3. (a) /X/ Broker or Dealer registered under Section 15 of the Act

Item 3 (b) /X/ Investment Adviser registered under Section 203 of the
Investment Advisers Act of 1940

Item 3 (c) /X/ Investment Company registered under Section 8 of the
Investment Company Act.

Item 4. Ownership:

(a) Amount Beneficially Owned:

6,411,113

(b) Percent of Class:

7.58

CUSIP No. 482480100 13G Page 4 of 5 Pages

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

(I) Sole Power to vote or to direct the
vote: 1,928,813

(ii) Shared Power to vote or to direct the
vote: 4,373,850

(iii) Sole Power to dispose or to direct the disposition
of: 0

(iv) Shared Power to dispose or to direct the disposition
of: 6,411,113

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

This statement is being filed to report the fact, that as of
the date hereof, Neuberger & Berman, LLC has ceased to be
the

beneficial owner of more than five percent of the class of
securities.

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

Neuberger & Berman, LLC is deemed to be a beneficial owner for purpose of
Rule 13(d) since it has shared power to make decisions whether to retain or
dispose of, and in some cases the sole power to vote, the securities of
many unrelated clients. Neuberger & Berman, LLC does not, however have any

economic interest in the securities of those clients. The clients are the actual owners of the securities and have the sole right to receive and the power to direct the receipt of dividends from or proceeds from the sale of such securities.

Principal(s) of Neuberger & Berman, LLC own 33,000 shares. Principal(s) own these shares in their own personal securities accounts. Neuberger & Berman LLC disclaims beneficial ownership of these shares since; these shares were purchased with each principal(s)' personal funds and each principal has exclusive dispositive and voting power over the shares held in their respective accounts.

With regard to the shares set forth under Item 4.(c)(II), Neuberger & Berman, LLC and Neuberger & Berman Management Inc. are deemed to be beneficial owners for purposes of Rule 13(d) since they both have shared power to make decisions whether to retain or dispose and vote the securities. Neuberger & Berman, LLC and Neuberger & Berman Management Inc. serve as sub-adviser and investment manager, respectively, of Neuberger & Berman's various Mutual Funds which hold such shares in the ordinary course of their business and not with the purpose nor with the effect of changing or influencing the control of the issuer.

No other Neuberger & Berman, LLC advisory client has an interest of more than 5% of the issuer.

It should be further noted that the share calculation under item 4.(c)(IV) is derived from a total combination of the shares set forth under Item 4.(c)(I and II). The remaining balance of shares, if any, are for individual client accounts over which Neuberger & Berman, LLC has shared power to dispose but not vote shares.

CUSIP No. 482480100

13G

Page 5 of 5 Pages

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.

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 9, 1998

By:

C. Carl Randolph

Principal/General Counsel
Name/Title