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

## SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 1)\*

## KLA-Tencor Corp. (Name of Issuer)

Common (Title of Class of Securities)

> 482480100 (CUSIP Number)

Check the following box if a fee is being paid with this statement . (A fee is not required only if the filing person: (1) has a previous statement on file reporting beneficial ownership of more than five percent of the class of securities described in Item 1; and (2) has filed no amendment subsequent thereto reporting beneficial ownership of five percent or less of such class.) (See Rule 13d-7).

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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- NAME OF REPORTING PERSON

   S.S. or I.R.S. IDENTIFICATION NO. OF ABOVE PERSON
   Neuberger & Berman, LLC
   13-5521910
- 2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*

(a) / (b) /X/

- 3) SEC USE ONLY
- 4) CITIZENSHIP OR PLACE OF ORGANIZATION Delaware

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:

- 5) SOLE VOTING POWER 1,928,813
- 6) SHARED VOTING POWER 4,373,850
- 7) SOLE DISPOSITIVE POWER 0
- 8) SHARED DISPOSITIVE POWER 6,411,113
- 9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 6,411,113
- 10) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\* 33,000  $\,$
- 11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

BD/IA

CUSIP No. 482480100 13G Page 3 of 5 Pages Item 1. (a) Name of Issuer:					
	KLA	KLA-Tencor Corp.			
Item 1 (b	) Add	Address of Issuer's Principal Executive Offices:			
	160	160 Rio Robles San Jose CA 95134			
Item 2. (a	Neu	Name of Person Filing: Neuberger & Berman, LLC Neuberger & Berman Management Incorporated			
Item 2 (b	) Add	Address of Principal Business Office:			
	605	605 Third Ave., New York, NY, 10158-3698			
Item 2 (c	:) Cit	Citizenship:			
	USA	USA			
Item 2 (d	l) Tit	Title of Class of Securities:			
	Com	mon			
Item 2 (e	e) CUS	CUSIP Number:			
	482	482480100			
Item 3. (a	) /X/	Broker or Dea	ler registered	under Section 15 of the Act	
Item 3 (b	) /X/		lviser registere lvisers Act of 1	d under Section 203 of the 940	
Item 3 (	c) /X/	Investment Co Investment Co		d under Section 8 of the	
Item 4.	Own	Ownership:			
(a	.) Amo	Amount Beneficially Owned:			
	6,4	6,411,113			
(b	) Per	Percent of Class:			
	7.5	7.58			
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(c) Number of Shares as to which such person has:					
(I) Sole Power to vote or to direct the vote: 1,928,813					
<pre>(ii) Shared Power to vote or to direct the vote: 4,373,850</pre>				ct the	
		) Sole Power to dispose or to direct the disposition of: 0			
		Shared Power to dispose or to direct the disposition of: 6,411,113			
Item 5.	Thi	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.	Own	Ownership of More than Five Percent on Behalf of Another:			
Neuberger & Berman, LLC is deemed to be a beneficial owner for purpose of					

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