THERMO ELECTRON CORP Form SC 13G/A February 08, 2002

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934 (AMENDMENT NO. 2)*

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- [x] Rule 13d-1(b)
- [] Rule 13d-1(c)
- [] Rule 13d-1(d)

*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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CUSIP NO.883556102	13G	PAGE 2 OF 4 PAGES

1		NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON				
	Dodge & Cox		94-1441976			
2	CHECK THE AF	PROPRI	TATE BOX IF A MEMBER OF A GROUP* (a) [_] (b) [_]			
	N/A					
3	SEC USE ONLY					
4	CITIZENSHIP	OR PLA	CE OF ORGANIZATION			
	California -					
		5	SOLE VOTING POWER			
	NUMBER OF		10,406,007			
SHARES BENEFICIALLY OWNED BY		6	SHARED VOTING POWER			
			134,000			
	EACH		SOLE DISPOSITIVE POWER			
	REPORTING		11,089,607			
	PERSON		SHARED DISPOSITIVE POWER			
	WITH		0			
9	AGGREGATE AM	IOUNT E	ENEFICIALLY OWNED BY EACH REPORTING PERSON			
	11,089,607					
10			GGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*			
	N/A					
11	PERCENT OF C	LASS F	REPRESENTED BY AMOUNT IN ROW 9			
	6.2%					
12	TYPE OF REPO		PERSON*			
	IA					

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Item	1(a)	Name of Issuer:
		Thermo Electron Corporation
Item	1(b)	Address of Issuer's Principal Executive Offices:
		81 Wyman Street, PO Box 9046 Waltham, MA 02454-9046
Item 2(a)		Name of Person Filing:
		Dodge & Cox
Item	2 (b)	Address of the Principal Office or, if none, Residence:
		One Sansome St., 35th Floor San Francisco, CA 94104
Item	2(c)	Citizenship:
		California - U.S.A.
Item	2 (d)	Title of Class of Securities:
		Common
Item	2(e)	CUSIP Number:
		883556102
Item	3	If the Statement is being filed pursuant to Rule 13d-1(b),
		or 13d-2(b), check whether the person filing is a:
		(e) [X] Investment Advisor registered under section 203 of the Investment Advisors Act of 1940
Item	4	Ownership:
		(a) Amount Beneficially Owned:
		11,089,607
		(b) Percent of Class:
		6.2%
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		(c) Number of shares as to which such person has:
		(i) sole power to vote or direct the vote: 10,406,007

- (ii) shared power to vote or direct the vote: 134,000
- (iii) sole power to dispose or to direct the disposition of: 11,089,607
- (iv) shared power to dispose or to direct the disposition of: $\boldsymbol{0}$
- Item 5 Ownership of Five Percent or Less of a Class:
 ----Not applicable.
- Item 6 Ownership of More than Five Percent on Behalf of Another

Person:

Securities reported on this Schedule 13G are beneficially owned by clients of Dodge & Cox, which clients may include investment companies registered under the Investment Company Act and/or employee benefit plans, pension funds, endowment funds or other institutional clients.

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

Item 9 Notice of Dissolution of a Group:
----Not applicable.

Item 10 Certification:

Not applicable.

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 purpose 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.

Dated: February 7, 2002

DODGE & COX

By: /S/ THOMAS M. MISTELE

Name: Thomas M. Mistele Title: Vice President

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