THERMO ELECTRON CORP

Form 4 October 03, 2006

FORM 4

Check this box

if no longer

Section 16.

Form 4 or

subject to

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * CASPER MARC N

2. Issuer Name and Ticker or Trading Symbol

THERMO ELECTRON CORP

[TMO]

(Last) (First) (Middle) 3. Date of Earliest Transaction

> (Month/Day/Year) 10/02/2006

81 WYMAN STREET, P.O. BOX 9046

(Street)

4. If Amendment, Date Original

Filed(Month/Day/Year)

OMB

Number:

Expires:

response...

OMB APPROVAL

Estimated average

burden hours per

3235-0287

January 31,

2005

0.5

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner X_ Officer (give title Other (specify below)

Senior Vice President

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

WALTHAM, MA 024549046

(City)	(State)	(Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned									
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	Transactiomr Disposed of (D) Code (Instr. 3, 4 and 5)				6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
Common Stock	10/02/2006		Code V M	Amount 100,000	(D)	Price \$ 22.18	(Instr. 3 and 4) 127,207	D			
Common Stock	10/02/2006		S <u>(1)</u>	8,400	D	\$ 38.98	118,807	D			
Common Stock	10/02/2006		S <u>(1)</u>	5,000	D	\$ 38.99	113,807	D			
Common Stock	10/02/2006		S <u>(1)</u>	23,700	D	\$ 39	90,107	D			
Common Stock	10/02/2006		S(1)	8,200	D	\$ 39.01	81,907	D			

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Common Stock	10/02/2006	S <u>(1)</u>	5,500	D	\$ 39.02	76,407	D
Common Stock	10/02/2006	S <u>(1)</u>	600	D	\$ 39.03	75,807	D
Common Stock	10/02/2006	S <u>(1)</u>	2,100	D	\$ 39.05	73,707	D
Common Stock	10/02/2006	S <u>(1)</u>	900	D	\$ 39.06	72,807	D
Common Stock	10/02/2006	S <u>(1)</u>	1,800	D	\$ 39.07	71,007	D
Common Stock	10/02/2006	S <u>(1)</u>	3,900	D	\$ 39.08	67,107	D
Common Stock	10/02/2006	S <u>(1)</u>	1,800	D	\$ 39.09	65,307	D
Common Stock	10/02/2006	S <u>(1)</u>	5,000	D	\$ 39.1	60,307	D
Common Stock	10/02/2006	S <u>(1)</u>	400	D	\$ 39.12	59,907	D
Common Stock	10/02/2006	S <u>(1)</u>	700	D	\$ 39.14	59,207	D
Common Stock	10/02/2006	S <u>(1)</u>	9,800	D	\$ 39.15	49,407	D
Common Stock	10/02/2006	S <u>(1)</u>	100	D	\$ 39.16	49,307	D
Common Stock	10/02/2006	S <u>(1)</u>	100	D	\$ 39.17	49,207	D
Common Stock	10/02/2006	S <u>(1)</u>	700	D	\$ 39.19	48,507	D
Common Stock	10/02/2006	S <u>(1)</u>	1,800	D	\$ 39.2	46,707	D
Common Stock	10/02/2006	S <u>(1)</u>	3,400	D	\$ 39.21	43,307	D
Common Stock	10/02/2006	S <u>(1)</u>	2,100	D	\$ 39.22	41,207	D
Common Stock	10/02/2006	S <u>(1)</u>	200	D	\$ 39.23	41,007	D
Common Stock	10/02/2006	S <u>(1)</u>	1,700	D	\$ 39.24	39,307	D
Common Stock	10/02/2006	S <u>(1)</u>	5,600	D	\$ 39.28	33,707	D
	10/02/2006	S(1)	1,600	D		32,107	D

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Common Stock					\$ 39.31	
Common Stock	10/02/2006	S <u>(1)</u>	400	D	\$ 39.33 31,707	D
Common Stock	10/02/2006	S <u>(1)</u>	1,500	D	\$ 39.34 30,207	D
Common Stock	10/02/2006	S(1)	1,500	D	\$ 39.37 28,707	D
Common Stock	10/02/2006	S <u>(1)</u>	1,500	D	\$ 39.4 27,207	D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474

(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number of iorDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 22.18	10/02/2006		M		100,000	(2)	11/30/2008	Common Stock	100,000

Reporting Owners

Reporting Owner Name / Address	Relationships							
roporous o mar rumo, rumoso	Director	10% Owner	Officer	Other				
CASPER MARC N 81 WYMAN STREET P.O. BOX 9046 WALTHAM MA 024549046			Senior Vice President					

Reporting Owners 3

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Signatures

By: Barbara J. Lucas, Attorney-in-Fact for Marc N.
Casper 10/03/2006

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on June 13, 2006.
- (2) The option vests in three equal annual installments beginning on November 30, 2002.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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