THERMO ELECTRON CORP

Form 4

August 11, 2005

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * HORNSTRA PETER E	2. Issuer Name and Ticker or Trading Symbol THERMO ELECTRON CORP [TMO]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last) (First) (Middle) 81 WYMAN STREET, P.O. BOX 9046	3. Date of Earliest Transaction (Month/Day/Year) 08/10/2005	Director 10% Owner _X_ Officer (give title Other (specify below) Chief Accounting Officer		
(Street) WALTHAM, MA 024549046	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(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)	. 4. Securities Acquired Cransaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)			
Common Stock	08/10/2005		M	258	A	\$ 5.87	13,521	D		
Common Stock	08/10/2005		M	87	A	\$ 5.87	13,608	D		
Common Stock	08/10/2005		S	6,600	D	\$ 29.2	15,863	D		
Common Stock	08/10/2005		S	2,400	D	\$ 29.21	13,463	D		
Common Stock	08/10/2005		S	200	D	\$ 29.27	13,263	D		

Common Stock						549	I	By 401(k)
Common Stock	08/10/2005	M	537	A	\$ 8.49	14,145	D	
Common Stock	08/10/2005	M	457	A	\$ 9.82	14,602	D	
Common Stock	08/10/2005	M	290	A	\$ 10.86	14,892	D	
Common Stock	08/10/2005	M	220	A	\$ 11.89	15,112	D	
Common Stock	08/10/2005	M	319	A	\$ 17.81	15,431	D	
Common Stock	08/10/2005	M	14,659	A	\$ 10.99	30,090	D	
Common Stock	08/10/2005	M	2,314	A	\$ 13.51	32,404	D	
Common Stock	08/10/2005	M	7,849	A	\$ 15.82	40,253	D	
Common Stock	08/10/2005	M	522	A	\$ 20.68	40,775	D	
Common Stock	08/10/2005	M	90	A	\$ 11.03	40,865	D	
Common Stock	08/10/2005	S	2,302	D	\$ 29.07	38,563	D	
Common Stock	08/10/2005	S	1,600	D	\$ 29.08	36,963	D	
Common Stock	08/10/2005	S	500	D	\$ 29.09	36,463	D	
Common Stock	08/10/2005	S	1,300	D	\$ 29.1	35,163	D	
Common Stock	08/10/2005	S	300	D	\$ 29.11	34,863	D	
Common Stock	08/10/2005	S	400	D	\$ 29.12	34,463	D	
Common Stock	08/10/2005	S	800	D	\$ 29.13	33,663	D	
Common Stock	08/10/2005	S	1,800	D	\$ 29.15	31,863	D	
Common Stock	08/10/2005	S	1,200	D	\$ 29.16	30,663	D	
	08/10/2005	S	800	D		29,863	D	

Common Stock					\$ 29.17		
Common Stock	08/10/2005	S	1,200	D	\$ 29.18	28,663	D
Common Stock	08/10/2005	S	6,200	D	\$ 29.19	22,463	D

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

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(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)			nsactionDerivative Expiration Date Under de Securities (Month/Day/Year) (Instrict. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4,		Expiration Date		7. Title and A Underlying S (Instr. 3 and	Securities
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		
Stock Option (Right to Buy)	\$ 5.87	08/10/2005		M		258	09/22/1995	09/22/2005	Common Stock	258		
Stock Option (Right to Buy)	\$ 9.82	08/10/2005		M		457	11/19/1998	12/03/2005	Common Stock	457		
Stock Option (Right to Buy)	\$ 8.49	08/10/2005		M		537	12/09/1993	12/09/2005	Common Stock	537		
Stock Option (Right to Buy)	\$ 20.68	08/10/2005		M		522	11/19/1998	12/09/2005	Common Stock	522		
Stock Option (Right to Buy)	\$ 15.82	08/10/2005		M	,	7,849	12/14/1993	12/14/2005	Common Stock	7,849		

Stock Option (Right to Buy)	\$ 10.99	08/10/2005	M	14,659	12/15/1993	12/15/2005	Common Stock	14,659
Stock Option (Right to Buy)	\$ 13.51	08/10/2005	M	2,314	12/16/1993	12/16/2005	Common Stock	2,314
Stock Option (Right to Buy)	\$ 17.81	08/10/2005	M	319	11/19/1998	12/21/2005	Common Stock	319
Stock Option (Right to Buy)	\$ 5.87	08/10/2005	M	87	03/11/1996	03/11/2006	Common Stock	87
Stock Option (Right to Buy)	\$ 11.89	08/10/2005	M	220	03/11/1996	03/11/2006	Common Stock	220
Stock Option (Right to Buy)	\$ 11.03	08/10/2005	M	90	11/19/1998	03/11/2006	Common Stock	90
Stock Option (Right to Buy)	\$ 10.86	08/10/2005	M	290	04/09/1996	04/09/2006	Common Stock	290

Reporting Owners

Reporting Owner Name / Address		Relationships		
	Director	10% Owner	Officer	Other
HORNSTRA PETER E 81 WYMAN STREET P.O. BOX 9046 WALTHAM, MA 024549046			Chief Accounting Officer	

Signatures

By: Barbara J. Lucas, Attorney-in-Fact for Peter E.

Hornstra

**Signature of Reporting Person

Date

Reporting Owners 4

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).

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