

THERMO ELECTRON CORP
 Form 4
 August 11, 2005

FORM 4

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
HOOGASIAN SETH H

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)
 08/09/2005

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 VP, Gen. Counsel & Secretary

(Street)
 WALTHAM, MA 024549046

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 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 (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	08/09/2005		M		59,094	A	\$ 14.71
Common Stock	08/09/2005		S		34,194	D	\$ 28.95
Common Stock	08/10/2005		S		1,400	D	\$ 29.29
Common Stock	08/10/2005		S		3,400	D	\$ 29.28
Common Stock	08/10/2005		S		100	D	\$ 29.27

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Common Stock	08/10/2005	S	900	D	\$ 29.25	1,756	D	
Common Stock	08/10/2005	S	100	D	\$ 29.23	1,656	D	
Common Stock	08/10/2005	S	200	D	\$ 29.22	1,456	D	
Common Stock	08/10/2005	M	28,814	A	\$ 17.25	30,270	D	
Common Stock						419	I	By 401(k)
Common Stock	08/09/2005	S	2,000	D	\$ 28.87	49,449	D	
Common Stock	08/09/2005	S	9,000	D	\$ 28.86	40,449	D	
Common Stock	08/09/2005	S	6,900	D	\$ 28.85	33,549	D	
Common Stock	08/09/2005	S	7,000	D	\$ 28.84	26,549	D	
Common Stock	08/10/2005	M	1,212	A	\$ 20.25	27,761	D	
Common Stock	08/10/2005	M	13,820	A	\$ 15.82	41,581	D	
Common Stock	08/10/2005	M	789	A	\$ 16.3	42,370	D	
Common Stock	08/10/2005	M	1,353	A	\$ 24.16	43,723	D	
Common Stock	08/10/2005	M	474	A	\$ 7.2	44,197	D	
Common Stock	08/10/2005	F	12,093	D	\$ 28.94	32,104	D	
Common Stock	08/10/2005	S	300	D	\$ 29.39	31,804	D	
Common Stock	08/10/2005	S	2,048	D	\$ 29.38	29,756	D	
Common Stock	08/10/2005	S	2,000	D	\$ 29.37	27,756	D	
Common Stock	08/10/2005	S	1,300	D	\$ 29.36	26,456	D	
Common Stock	08/10/2005	S	1,500	D	\$ 29.35	24,956	D	
	08/10/2005	S	2,700	D		22,256	D	

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Common Stock						\$ 29.34		
Common Stock	08/10/2005		S	2,600	D	\$ 29.33	19,656	D
Common Stock	08/10/2005		S	4,600	D	\$ 29.32	15,056	D
Common Stock	08/10/2005		S	5,700	D	\$ 29.31	9,356	D
Common Stock	08/10/2005		S	1,800	D	\$ 29.3	7,556	D

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

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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. Transaction Code (Instr. 8)	5. Number of Derivative 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)	\$ 14.71	08/09/2005		M	59,094	01/21/1999 01/21/2006	Common Stock	59,094	
Stock Option (Right to Buy)	\$ 20.25	08/10/2005		M	1,212	12/03/1993 12/03/2005	Common Stock	1,212	
Stock Option (Right to Buy)	\$ 15.82	08/10/2005		M	13,820	12/14/1993 12/14/2005	Common Stock	13,820	
Stock Option (Right to Buy)	\$ 16.3	08/10/2005		M	789	12/21/1993 12/21/2005	Common Stock	789	

Stock Option (Right to Buy)	\$ 24.16	08/10/2005	M	1,353	12/21/1993	12/21/2005	Common Stock	1,353
Stock Option (Right to Buy)	\$ 7.2	08/10/2005	M	474	10/26/1994	10/26/2006	Common Stock	474
Stock Option (Right to Buy)	\$ 17.25	08/10/2005	M	28,814	11/28/1994	11/28/2006	Common Stock	28,814

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
HOOGASIAN SETH H 81 WYMAN STREET P.O. BOX 9046 WALTHAM, MA 024549046			VP, Gen. Counsel & Secretary	

Signatures

By: Barbara J. Lucas, Attorney-in-Fact for Seth H. Hoogasian

08/11/2005

__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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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