

Walder Fredric T  
Form 4  
August 24, 2007

# FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

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 \*  
Walder Fredric T

2. Issuer Name and Ticker or Trading Symbol  
THERMO FISHER SCIENTIFIC INC. [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)  
08/22/2007

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
Sr. VP, Customer Excellence

(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)
				(A) or (D)	Price		
				Code	V	Amount	
Common Stock	08/22/2007		M	A	5,471	\$ 11.89	19,701 D
Common Stock	08/22/2007		M	A	17,444	\$ 22.47	37,145 D
Common Stock	08/22/2007		M	A	11,346	\$ 10.86	48,491 D
Common Stock	08/22/2007		M	A	25,000	\$ 20.27	73,491 D
Common Stock	08/22/2007		M	A	50,000	\$ 19.67	123,491 D

Edgar Filing: Walder Fredric T - Form 4

Common Stock	08/22/2007	S	100	D	\$ 50.95	123,391	D	
Common Stock	08/22/2007	S	200	D	\$ 50.98	123,191	D	
Common Stock	08/22/2007	S	1,200	D	\$ 50.99	121,991	D	
Common Stock	08/22/2007	S	44,944	D	\$ 51	77,047	D	
Common Stock	08/22/2007	S	45,846	D	\$ 51.01	31,201	D	
Common Stock	08/22/2007	S	4,300	D	\$ 51.02	26,901	D	
Common Stock	08/22/2007	S	2,000	D	\$ 51.03	24,901	D	
Common Stock	08/22/2007	S	100	D	\$ 51.04	24,801	D	
Common Stock	08/22/2007	S	4,600	D	\$ 51.05	20,201	D	
Common Stock	08/22/2007	S	5,971	D	\$ 51.06	14,230	D	
Common Stock						320	I	By 401(k) by Spouse
Common Stock						368	I	By Spouse

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

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

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. 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)	8. Amount or Number of Shares	
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares
						Code	V (A)	(D)	

Edgar Filing: Walder Fredric T - Form 4

Stock Option (Right to Buy)	\$ 11.89	08/22/2007	M	5,471	<u>(1)</u>	02/08/2008	Common Stock	5,471
Stock Option (Right to Buy)	\$ 22.47	08/22/2007	M	17,444	<u>(1)</u>	03/14/2008	Common Stock	17,444
Stock Option (Right to Buy)	\$ 10.86	08/22/2007	M	11,346	<u>(1)</u>	04/11/2008	Common Stock	11,346
Stock Option (Right to Buy)	\$ 20.27	08/22/2007	M	25,000	<u>(1)</u>	03/15/2009	Common Stock	25,000
Stock Option (Right to Buy)	\$ 19.67	08/22/2007	M	50,000	<u>(1)</u>	11/21/2012	Common Stock	50,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Walder Fredric T 81 WYMAN STREET P.O. BOX 9046 WALTHAM, MA 024549046			Sr. VP, Customer Excellence	

## Signatures

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

08/24/2007

\_\_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) Immediately

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.