#### NANOMETRICS INC

Form 4

January 04, 2008

## FORM 4

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

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)

(Last)

(City)

1. Name and Address of Reporting Person \* SMITH STEPHEN J

> (First) (Middle)

2. Issuer Name and Ticker or Trading Symbol

NANOMETRICS INC [NANO]

3. Date of Earliest Transaction

(Month/Day/Year) 01/02/2008

5. Relationship of Reporting Person(s) to

Issuer

below)

(Check all applicable)

**OMB** 

Number:

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**OMB APPROVAL** 

3235-0287

January 31,

2005

0.5

C/O NANOMETRICS

**INCORPORATED, 1550 BUCKEYE DRIVE** 

(Street)

(State)

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

6. Individual or Joint/Group Filing(Check

Applicable Line)

X\_ Director

Officer (give title

\_X\_ Form filed by One Reporting Person Form filed by More than One Reporting

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

MILPITAS, CA 95035

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3)

(Month/Day/Year)

(Zip)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following Reported

6. Ownership Form: Direct (D) or Indirect Beneficial (I) (Instr. 4)

Ownership (Instr. 4)

Indirect

7. Nature of

10% Owner

Other (specify

(A) Transaction(s) or Code V Amount (D) Price

(Instr. 3 and 4)

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 Conversion

(Month/Day/Year) Execution Date, if Transaction of Derivative Expiration Date

3. Transaction Date 3A. Deemed

5. Number

6. Date Exercisable and

7. Title and Amount Underlying Securities

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day	/Year)	(Instr. 3 and	4)
				Code V	(A) (D	) Date Exercisable	Expiration Date	Title	Amour or Number of Shares
Non-Qualified Stock Option (right to buy)	\$ 9.93	01/02/2008		A	2,500	<u>(1)</u>	01/02/2013	Common Stock	2,50

# **Reporting Owners**

Reporting Owner Name / Address	Relationships					
reporting 6 wher runter runters	Director	10% Owner	Officer	Other		
SMITH STEPHEN J C/O NANOMETRICS INCORPORATED 1550 BUCKEYE DRIVE MILPITAS, CA 95035	X					

### **Signatures**

/s/ Quentin Wright, by power of attorney

01/04/2008

\*\*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 option becomes exercisable in three equal annual installments beginning on the first anniversary of the date of grant.

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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