NANOMETRICS INC Form SC 13G/A February 14, 2003

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment)

NAME OF ISSUER NANOMETRICS INC

TITLE OF CLASS OF SECURITIES Common

CUSIP NUMBER 630077105

The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

Page 1 of 10 Pages

13G

CUSIP No. 630077105

Page 2 of 10 Page

S.S. o	or I.R.S. identif	ication	no. of a	above person						
	Marsh & McLenr 36-2668272									
	Check the appropriate box if a member of a group* (a)() (b)()									
	SEC use only									
4.	Citizenship or			ization						
	Delaware									
				Sole Voting Power						
				NONE						
	of shares)	6.	Shared Voting Power						
Owned	cially) by each)	,		NONE						
	ting n with:)	7.	Sole I	Dispositive Power						
				NONE						
			8.	Shared Dispositive Power						
				NONE						
9.				owned by each reporting person						
	NONE									
10.	Check box if the aggregate amount in row (9) excludes certain shares*									
11.	Percent of cla	Percent of class represented by amount in row 9								
	NONE									
12.	Type of Reporting person*									
	HC									
13G										
CUSIP	No. 630077105					of 10 Page				
1.	Name of report S.S. or I.R.S.			no. of above person						
	Putnam, LLC. o			vestments						
2.	Check the appr		box if a	a member of a group* (b)()						

3.	SEC use	only					
4.	Citizen	ship or p	place of	organi	zation		
		Delaware	Э				
				5.	Sole Voting Power		
Numbon	o.f	ahamaa	`		NONE		
Benefic	cially by each			Shared	Voting Power		
Reporti)	,		NONE		
	with:		,	7.	Sole Dispositive Power		
				/ •	NONE		
				8.	Shared Dispositive Power		
					46900		
9.	 Aggrega		 t benefi		owned by each reporting person		
		46900					
10.	Check b			gate amo	ount in row (9) excludes certain	shares*	
11.	Percent						
		0.3%					
	Type of						
	HC						
13G							
	No. 63007	7105				Daga 4	of 10 Dagas
							of 10 Pages
1.		reporting I.R.S.			no. of above person		
	04-2471		_				
2.	Check the appropriate box if a member of a group* (a)() (b)()						
3.	SEC use						
4.	 Citizen	ship or p	 place of	organi	zation		
	Delawar	e					

						_		
				5.	Sole Voting Power			
Namela a sa)	,		NONE			
Benefi				Shared	Voting Power			
Report)		NONE			
Person	with:)		7.	Sole Dispositive Power			
					NONE			
			8.	Shared	Dispositive Power			
					NONE			
9.		Aggregate amount beneficially owned by each reporting person						
		NONE						
10.	Check b	ox if the	e aggre	gate amou	unt in row (9) excludes certain shares*	-		
11.					y amount in row 9	-		
		N%						
12.	Type of	Reporti				-		
	IA							
						_		
13G								
CUSIP I	No. 63007				Page .	5 of 10 Page		
1.		~	no. of above person					
	The Put: 04-6187		sory Cor	mpany, LI	LC.			
2.	Check the appropriate box if a member of a group* (a)() (b)()							
3.	SEC use only							
4.	Citizen	ship or	place of	 f organiz	zation	-		
		Delawar	е					
				5.	Sole Voting Power	-		
					NONE			
Number Benefic	of cially	shares	-	Shared	Voting Power			
Owned l Report	by each ing))		NONE			

Person with:) 7. Sole Dispositive Power NONE _____ 8. Shared Dispositive Power 46900 ._____ 9. Aggregate amount beneficially owned by each reporting person 46900 10. Check box if the aggregate amount in row (9) excludes certain shares* 11. Percent of class represented by amount in row 9 0.3% 12. Type of Reporting person* ΙA SECURITIES AND EXCHANGE COMMISSION Washington, D. C. 20549 SCHEDULE 13G Under the Securities Exchange Act of 1934 Name of Issuer: NANOMETRICS INC Item 1(a) Address of Issuer's Principal Executive Offices: Item 1(b) 310 Deguigne Drive, Sunnyvale, CA 94086, Item 2(a) Item 2(b) Name of Person Filing: Address or Principal Office or, if NONE, Residence: Putnam, LLC d/b/a Putnam Investments One Post Office Square ("PI") Boston, Massachusetts 02109 on behalf of itself and: *Marsh & McLennan Companies, Inc. 1166 Avenue of the Americas ("MMC") New York, NY 10036 Putnam Investment Management, LLC. One Post Office Square ("PIM") Boston, Massachusetts 02109 The Putnam Advisory Company, LLC. One Post Office Square Boston, Massachusetts 02109 ("PAC")

Item 2(c)	Citizenship: PI, PIM and PAC are limited liability companies organized under Delaware law. The citizenship of other persons identified in Item 2(a) is designated as follows:
	 Corporation - Delaware law Voluntary association known as Massachusetts business trust Massachusetts law
Item 2(d)	Title of Class of Securities: Common
Item 2(e)	Cusip Number: 630077105
Page 6 of 10 Page	ges
Item 3. If this	statement is filed pursuant to Rules $13d-1(b)$, or $13d-2(b)$, check whether the person filing is a:
(a) ()	Broker or Dealer registered under Section 15 of the Act
(b) ()	Bank as defined in Section 3(a)(6) of the Act
(c)()	Insurance Company as defined in Section 3(a)(19) of the Act
(d) ()	Investment Company registered under Section 8 of the Investment Company Act
(e)(X)	Investment Adviser registered under Section 203 of the Investment Advisers Act of 1940
(f)()	Employee Benefit Plan, Pension Fund which is subject to the provisions of the Employee Retirement Income Security Act of 1974 or Endowment Fund; see (Section 240.13d-1(b)(1)(ii)(F)
(g) (X)	Parent Holding Company, in accordance with Section 240.13d-1(b)(ii)(G)
(h) ()	Group, in accordance with Section 240.13d-1(b)(1)(ii)(H)

Page 7 of 10 Pages

Item 4.
Ownership.

			M&MC	E	PIM*
		(Parent company	holding	•	ent advisers Laries of PI)
(a)	Amount Beneficially Owned:	NONE		NONE	+
(b)	Percent of Class:		NONE	1	18
(c)	Number of shares as to which such person has:				
(1)	<pre>sole power to vote or to direct the vote; (but see Item 7)</pre>		NONE	1	NONE
(2)	<pre>shared power to vote or to direct the vote; (but see Item 7)</pre>		NONE	1	NONE
(3)	sole power to dispose or to direct the disposition of; (but see Item 7)		NONE	1	NONE
(4)	shared power to dispose or to direct the disposition of; (but see Item 7)		NONE	Z	Λ LL

Page 8 of 10 Pages

Item 5. Ownership of Five Percent or Less of a Class

If this statement is being filed to report the fact that as of the date thereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following ($\rm X$)

Item 6. Ownership of More than Five/Ten Percent on Behalf of Another Person:

No persons other than the persons filing this Schedule 13G have an economic interest in the securities reported on which relates to more than five percent of the class of securities. Securities reported on this Schedule 13G as being beneficially owned by M&MC and PI consist of securities beneficially owned by subsidiaries of PI which are registered investment advisers, which in turn include securities beneficially owned by clients of such investment advisers, which clients may include investment companies registered under the Investment Company Act and/or employee benefit plans, pension funds, endowment funds or other institutional clients.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company

PI, which is a wholly-owned subsidiary of M&MC, wholly owns two registered

investment advisers: Putnam Investment Management, LLC., which is the investment adviser to the Putnam family of mutual funds and The Putnam Advisory Company, LLC., which is the investment adviser to Putnam's institutional clients. Both subsidiaries have dispository power over the shares as investment managers, but each of the mutual fund's trustees have voting power over the shares held by each fund, and The Putnam Advisory Company, LLC. has shared voting power over the shares held by the institutional clients. Pursuant to Rule 13d-4, M&MC and PI declare that the filing of this Schedule 13G shall not be deemed an admission by either or both of them that they are, for the purposes of Section 13(d) or 13(g) the beneficial owner of any securities covered by this Section 13G, and further state that neither of them have any power to vote or dispose of, or direct the voting or disposition of, any of the securities covered by this Schedule 13G.

Item 8. Identification and Classification of Members of the Group: Not applicable.

Item 9. Notice of Dissolution of Group:

Not applicable.

Item 10. Certification.

Page 9 of 10 Pages

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business, were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purposes or effect

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

PUTNAM, LLC.

/s/Andrew J. Hachey

BY: -----

Signature

Name/Title: Andrew J. Hachey

Vice President and Counsel

Date: February 5, 2003

For this and all future filings, reference is made to Power of Attorney dated April 29, 1999, with respect to duly authorized signatures on behalf of Marsh & McLennan Companies, Inc., Putnam Investments, LLC., Putnam Investment Management, LLC., The Putnam Advisory Company, LLC. and any Putnam Fund wherever applicable.

For this and all future filings, reference is made to an Agreement dated June

28, 1990, with respect to one filing of Schedule 13G on behalf of said entities, pursuant to Rule 13d-1(f)(1).

Page 10 of 10 Pages