

NOVA MEASURING INSTRUMENTS LTD

Form SC 13G

April 08, 2019

SECURITIES

AND

EXCHANGE

COMMISSION

Washington,

D.C. 20549

SCHEDULE

13G

Under the

Securities

Exchange Act of

1934

(Amendment

No.)*

Nova Measuring

Instruments Ltd.

(Name of

Issuer)

Ordinary

Shares, NIS

0.01 par value

per share

(Title of Class

of Securities)

M7516K103

(CUSIP

Number)

March 29, 2019

(Date of Event

Which Requires

Filing of This

Statement)

Check the

appropriate box

to designate the

rule pursuant to

which this

Schedule is

filed:

“ Rule 13d-1(b)

“ Rule 13d-1(c)

“ Rule 13d-1(d)

(Page 1 of 12
Pages)

*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).

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1	NAME OF REPORTING PERSON
2	Adage Capital Partners, L.P. CHECK THE APPROPRIATE BOX IF A MEMBER (b) " " OF A GROUP
3	SEC USE ONLY CITIZENSHIP OR PLACE OF ORGANIZATION
5	Delaware SOLE VOTING POWER
6	0 SHARED VOTING POWER
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	1,473,690 SOLE DISPOSITIVE POWER
7	0 SHARED DISPOSITIVE POWER
8	1,473,690 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
9	1,473,690
10	..

11 CHECK BOX
IF THE
AGGREGATE
AMOUNT IN
ROW (9)
EXCLUDES
CERTAIN
SHARES
PERCENT OF
CLASS
REPRESENTED BY
AMOUNT IN ROW
(9)

12 5.28%
TYPE OF
REPORTING
PERSON

PN

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1	NAME OF REPORTING PERSON
2	Adage Capital Partners GP, L.L.C. CHECK THE APPROPRIATE BOX IF A MEMBER (b) " " OF A GROUP
3	SEC USE ONLY CITIZENSHIP OR PLACE OF
4	ORGANIZATION
5	Delaware SOLE VOTING POWER
6	0 SHARED VOTING POWER
7	1,473,690 SOLE DISPOSITIVE POWER
8	0 SHARED DISPOSITIVE POWER
9	1,473,690 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,473,690

CHECK BOX

IF THE

AGGREGATE

AMOUNT IN ..

10

ROW (9)

EXCLUDES

CERTAIN

SHARES

PERCENT OF

CLASS

REPRESENTED BY

11

AMOUNT IN ROW

(9)

5.28%

TYPE OF

REPORTING

12

PERSON

OO

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1	NAME OF REPORTING PERSON
2	Adage Capital Advisors, L.L.C. CHECK THE APPROPRIATE BOX IF A MEMBER (b) " " OF A GROUP
3	SEC USE ONLY CITIZENSHIP OR PLACE OF
4	ORGANIZATION
5	Delaware SOLE VOTING POWER
6	0 SHARED VOTING POWER
7	1,473,690 SOLE DISPOSITIVE POWER
8	0 SHARED DISPOSITIVE POWER
9	1,473,690 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,473,690

CHECK BOX

IF THE

AGGREGATE

AMOUNT IN ..

10

ROW (9)

EXCLUDES

CERTAIN

SHARES

PERCENT OF

CLASS

REPRESENTED BY

11

AMOUNT IN ROW

(9)

5.28%

TYPE OF

REPORTING

12

PERSON

OO

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1	NAME OF REPORTING PERSON
	Robert Atchinson
2	CHECK THE APPROPRIATE BOX IF A MEMBER (b) " " OF A GROUP
3	SEC USE ONLY CITIZENSHIP OR PLACE OF
4	ORGANIZATION
	United States
5	SOLE VOTING POWER
	0
6	SHARED VOTING POWER
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	1,473,690
7	SOLE DISPOSITIVE POWER
	0
8	SHARED DISPOSITIVE POWER
	1,473,690
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
	1,473,690

10	CHECK BOX IF THE AGGREGATE AMOUNT IN .. ROW (9) EXCLUDES CERTAIN SHARES PERCENT OF CLASS REPRESENTED BY
11	AMOUNT IN ROW (9)
12	5.28% TYPE OF REPORTING PERSON IN

NAME OF REPORTING PERSON	
Phillip Gross	CHECK THE APPROPRIATE BOX IF A MEMBER (b) " OF A GROUP SEC USE ONLY CITIZENSHIP OR PLACE OF ORGANIZATION
United States	SOLE VOTING 5 POWER
	0 SHARED VOTING 6 POWER
	1,473,690 SOLE DISPOSITIVE 7 POWER
	0 SHARED DISPOSITIVE 8 POWER
	1,473,690 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
1,473,690	

10	CHECK BOX IF THE AGGREGATE AMOUNT IN .. ROW (9) EXCLUDES CERTAIN SHARES PERCENT OF CLASS REPRESENTED BY
11	AMOUNT IN ROW (9)
12	5.28% TYPE OF REPORTING PERSON IN

Item 1(a). NAME OF ISSUER

The name of the issuer is Nova Measuring Instruments Ltd. (the "Company").

Item 1(b). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES

The Company's principal executive offices are located at Weizmann Science Park, Einstein St., Building 22, 2nd Floor, Ness-Ziona, Israel.

Item 2(a). NAME OF PERSON FILING

This statement is filed by:

- (i) Adage Capital Partners, L.P., a Delaware limited partnership ("ACP") with respect to the Ordinary Shares directly owned by it;

- Adage Capital Partners GP, L.L.C., a limited liability company organized under the laws of the State of
- (ii) Delaware ("ACPGP"), as general partner of ACP with respect to the Ordinary Shares directly owned by ACP;

- Adage Capital Advisors, L.L.C., a limited liability company organized under the laws of the State of
- (iii) Delaware ("ACA"), as managing member of ACPGP, general partner of ACP, with respect to the Ordinary Shares directly owned by ACP;

- (iv) Robert Atchinson ("Mr. Atchinson"), as managing member of ACA, managing member of ACPGP, general partner of ACP with respect to the Ordinary Shares directly owned by ACP; and

- (v) Phillip Gross ("Mr. Gross"), as managing member of ACA, managing member of ACPGP, general partner of ACP with respect to the Ordinary Shares directly owned by ACP.

The foregoing persons are hereinafter sometimes collectively referred to as the "Reporting Persons." Any disclosures herein with respect to persons other than the Reporting Persons are made on information and belief after making inquiry to the appropriate party.

The filing of this statement should not be construed in and of itself as an admission by any Reporting Person as to beneficial ownership of the securities reported herein.

Item 2(b). ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE

The address of the business office of each of the Reporting Persons is 200 Clarendon Street, 52nd floor, Boston, Massachusetts 02116.

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Item 2(c). CITIZENSHIP

ACP is a limited partnership organized under the laws of the State of Delaware. ACPGP and ACA are limited liability companies organized under the laws of the State of Delaware. Messrs. Gross and Atchinson are citizens of the United States.

Item 2(d). TITLE OF CLASS OF SECURITIES

Ordinary Shares, NIS 0.01 par value per share (the "Ordinary Shares").

Item 2(e). CUSIP NUMBER

M7516K103

Item 3. IF THIS STATEMENT IS FILED PURSUANT TO Rules 13d-1(b), OR 13d-2(b) OR (c), 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 of 1940;
- (e) "An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);
An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F);
- (f) "

- (g) "A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G);
A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act;
- (h) "

- (i) "A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act;

- (j) "A non-U.S. institution in accordance with Rule 13d-1(b)(1)(ii)(J);
- (k) "Group, in accordance with Rule 13d-1(b)(1)(ii)(K).

If filing as a non-U.S. institution in accordance with Rule 13d-1(b)(1)(ii)(J), please

specify the type of institution: Not applicable.

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Item 4. OWNERSHIP

A. Adage Capital Partners, L.P., Adage Capital Partners GP, L.L.C. and Adage Capital Advisors, L.L.C.

- (a) Amount beneficially owned: 1,473,690
Percent of class: 5.28%. The percentages set forth in this Schedule 13G are calculated based upon the 27,917,505 Ordinary Shares reported to be issued and outstanding as of December 31,
- (b) 2018 in the Company's Annual Report on Form 20-F for the fiscal year ended December 31, 2018 filed with the Securities and Exchange Commission on February 28, 2019.
- (c) (i) Sole power to vote or direct the vote: 0
(ii) Shared power to vote or direct the vote: 1,473,690
(iii) Sole power to dispose or direct the disposition: 0
(iv) Shared power to dispose or direct the disposition: 1,473,690

ACP has the power to dispose of and the power to vote the Ordinary Shares beneficially owned by it, which power may be exercised by its general partner, ACPGP. ACA, as managing member of ACPGP, directs ACPGP's operations. Neither ACPGP nor ACA directly own any Ordinary Shares. By reason of the provisions of Rule 13d-3 of the Securities Exchange Act of 1934 (the "Act"), ACPGP and ACA may be deemed to beneficially own the shares owned by ACP.

B. Robert Atchinson and Phillip Gross

- (a) Amount beneficially owned: 1,473,690
- (b) Percent of class: 5.28%
- (c) (i) Sole power to vote or direct the vote: 0
(ii) Shared power to vote or direct the vote: 1,473,690
(iii) Sole power to dispose or direct the disposition: 0
(iv) Shared power to dispose or direct the disposition: 1,473,690

Messrs. Atchinson and Gross, as managing members of ACA, have shared power to vote the Ordinary Shares beneficially owned by ACP. Neither Mr. Atchinson nor Mr. Gross directly own any Ordinary Shares. By reason of the provisions of Rule 13d-3 of the Act, each may be deemed to beneficially own the shares beneficially owned by ACP.

Item 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS

Not applicable.

Item 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON

Not applicable.

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Item 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY OR CONTROL PERSON

Not applicable.

Item 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP

Not applicable.

Item 9. NOTICE OF DISSOLUTION OF GROUP

Not applicable.

Item 10. CERTIFICATION

Each of the
Reporting Persons
hereby makes the
following
certification:

By signing below
each Reporting
Person certifies that,
to the best of his or
its knowledge and
belief, the securities
referred to above
were not acquired
and are not held for
the purpose of or
with the effect of
changing or
influencing the
control of the issuer
of the securities and
were not acquired
and are not held in
connection with or as
a participant in any
transaction having
that purpose or
effect.

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SIGNATURES

After reasonable inquiry and to the best of his or its knowledge and belief, each of the undersigned certifies that the information set forth in this statement is true, complete and correct.

DATE: April 8, 2019

ADAGE CAPITAL PARTNERS, L.P.

By: Adage Capital Partners GP, L.L.C.,
its general partner

By: Adage Capital Advisors, L.L.C.,
its managing member

/s/ Robert Atchinson

Name: Robert Atchinson

Title: Managing Member

ADAGE CAPITAL PARTNERS GP, L.L.C.

By: Adage Capital Advisors, L.L.C.,
its managing member

/s/ Robert Atchinson

Name: Robert Atchinson

Title: Managing Member

ADAGE CAPITAL ADVISORS, L.L.C.

/s/ Robert Atchinson

Name: Robert Atchinson

Title: Managing Member

ROBERT ATCHINSON

/s/ Robert Atchinson

ROBERT ATCHINSON, individually

PHILLIP GROSS

/s/ Phillip Gross

PHILLIP GROSS, individually

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EXHIBIT 1

JOINT FILING AGREEMENT
PURSUANT TO RULE 13d-1(k)

The undersigned acknowledge and agree that the foregoing statement on Schedule 13G is filed on behalf of each of the undersigned and that all subsequent amendments to this statement on Schedule 13G shall be filed on behalf of each of the undersigned without the necessity of filing additional joint filing agreements. The undersigned acknowledge that each shall be responsible for the timely filing of such amendments, and for the completeness and accuracy of the information concerning him or it contained herein and therein, but shall not be responsible for the completeness and accuracy of the information concerning the others, except to the extent that he or it knows or has reason to believe that such information is inaccurate.

DATE: April 8, 2019

ADAGE CAPITAL PARTNERS, L.P.
By: Adage Capital Partners GP, L.L.C.,
its general partner

By: Adage Capital Advisors, L.L.C.,
its managing member

/s/ Robert Atchinson
Name: Robert Atchinson
Title: Managing Member

ADAGE CAPITAL PARTNERS GP, L.L.C.
By: Adage Capital Advisors, L.L.C.,
its managing member

/s/ Robert Atchinson
Name: Robert Atchinson
Title: Managing Member

ADAGE CAPITAL ADVISORS, L.L.C.

/s/ Robert Atchinson
Name: Robert Atchinson
Title: Managing Member

/s/ Robert Atchinson
ROBERT ATCHINSON, individually

/s/ Phillip Gross

PHILLIP GROSS, individually