

NOVA MEASURING INSTRUMENTS LTD  
Form 6-K  
January 21, 2009

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

**FORM 6-K**

Report of Foreign Private Issuer  
Pursuant to Rule 13a-16 or 15d-16  
of the Securities Exchange Act of 1934

Date of Report: January 21, 2009  
Commission File No.: 000-30688

**NOVA MEASURING INSTRUMENTS LTD.**

**Building 22 Weizmann Science Park, Rehovot  
P.O.B 266  
Israel**

Indicate by check mark whether the registrant files or will file annual reports under cover  
Form 20-F or Form 40-F:

Form 20-F  Form 40-F

Indicate by check mark whether the registrant is submitting this Form 6-K in paper as permitted by  
Regulation S-T Rule 101(b)(1): \_\_\_\_\_

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also  
thereby furnishing the information to the Commission pursuant to 12g3-2(b) under the Securities Exchange  
Act of 1934:

Yes  No

If  Yes is marked, indicate below the file number assigned to the registrant in connection with 12g3-2(b):

N/A.

Attached hereto and incorporated by way of reference herein is a press release issued by the Registrant on, and dated, January 21, 2009, and  
entitled Nova Measuring Instruments Schedules 2008 Fourth Quarter and Full Year Results Conference Call on February 18, 2009 at 9:00 am  
ET .

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**Signatures**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by  
the undersigned, thereunto duly authorized.

NOVA MEASURING INSTRUMENTS LTD.  
(the "Registrant")

Signatures

By: */s/ Dror David*

Dror David  
Chief Financial Officer

Date: January 21, 2009

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**Company Contact:**

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**Nova Measuring Instruments Schedules  
2008 Fourth Quarter and Full Year Results Conference Call  
on February 18, 2009 at 9:00 am ET**

**REHOVOT, Israel January 21, 2009** Nova Measuring Instruments Ltd. (NASDAQ: NVMI), provider of leading-edge stand-alone metrology and the market leader of integrated metrology solutions to the semiconductor process control market, announced that it will release its results for the fourth quarter and full year of 2008 before the US markets open on February 18, 2009. In conjunction with this release, Nova will host a conference call later that same day at 9:00am Eastern Time.

Mr. Gabi Seligsohn, President and Chief Executive Officer, and Mr. Dror David, Chief Financial Officer will review and discuss the results as well as other business developments, and will be available to answer questions.

To participate, please call one of the following teleconferencing numbers. Please begin by placing your calls 5 minutes before the conference call commences. If you are unable to connect using the toll-free numbers, please try the international dial-in number.

**U.S. Dial-in Numbers: 1 866 345 5855**  
**ISRAEL Dial-in Number: 03 918 0650**  
**INTERNATIONAL Dial-in Number: +972 3 918 0650**  
**At:**  
**9:00 a.m. Eastern Time**  
**6:00 a.m. Pacific Time**  
**4:00 p.m. Israeli Time**

The conference call will also be webcast live from a link on Nova's website at [www.nova.co.il](http://www.nova.co.il).

For those unable to participate in the conference call, there will be a replay available the day following the call on Nova's website at [www.nova.co.il](http://www.nova.co.il).

**About Nova:** Nova Measuring Instruments Ltd. develops, produces and markets advanced integrated and stand alone metrology solutions for the semiconductor manufacturing industry. Nova is traded on the NASDAQ & TASE under the symbol NVMI. The Company's website is [www.nova.co.il](http://www.nova.co.il).

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