

NOVA MEASURING INSTRUMENTS LTD  
Form 6-K  
June 27, 2016

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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, DC 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER  
PURSUANT TO RULE 13a-16 OR 15d-16 OF  
THE SECURITIES EXCHANGE ACT OF 1934

June 27, 2016

Commission File No.: 000-30668

NOVA MEASURING INSTRUMENTS LTD.  
(Translation of registrant's name into English)

Building 22 Weizmann Science Park, Rehovot  
P.O.B 266  
Israel  
(Address of principal executive offices)

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 if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Attached hereto and incorporated by way of reference herein is a press release issued by the Registrant and entitled: "Nova Measuring Instruments to Attend SEMICON West and Meet Investors".

#### 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.  
(Registrant)

Date: June 27, 2016 By: /s/ Dror David

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Dror David

Chief Financial Officer

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### Company Press Release

Nova Measuring Instruments to Attend SEMICON West and Meet Investors

Rehovot, Israel, June 27, 2016 - Nova Measuring Instruments (Nasdaq: NVMI), a leading innovator and a key provider of metrology solutions for advanced process control used in semiconductor manufacturing, today announced that Mr. Eitan Oppenheim, President & Chief Executive Officer, will attend SEMICON West from July 12 to July 14.

SEMICON West will be held July 12-14, 2016 at the Moscone Center, San Francisco. Mr. Oppenheim will host meetings with investors and analysts during the event. To schedule a meeting please contact Miri Segal of Hayden/MS-IR at [msegal@ms-ir.com](mailto:msegal@ms-ir.com).

SEMICON West is the world's marketplace for microelectronics innovation, featuring nearly 700 international exhibitors showcasing products and services across the manufacturing ecosystem – from design to manufacturing. The global industry looks to SEMICON West for the most up-to-date information on the tools, technologies and trends driving the design, manufacture and business of microelectronics.

About Nova: Nova Measuring Instruments delivers continuous innovation by providing advanced metrology solutions for the semiconductor manufacturing industry. Deployed with the world's largest integrated-circuit manufacturers, Nova's products deliver state-of-the-art, high-performance metrology solutions for effective process control throughout the semiconductor fabrication lifecycle. Nova's product portfolio, which combines high-precision hardware and cutting-edge software, supports the development and production of the most advanced devices in today's high-end semiconductor market. Nova's technical innovation and market leadership enable customers to improve process performance, enhance products' yields and accelerate time to market. Nova acts as a partner to semiconductor manufacturers from its offices around the world. Additional information may be found at [www.novameasuring.com](http://www.novameasuring.com).

Nova is traded on the NASDAQ & TASE under the symbol NVMI.

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