

NOVA MEASURING INSTRUMENTS LTD  
Form 6-K  
July 11, 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

For the month of July 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 are the following documents:

1. Press release issued by the Registrant on, and dated July 11, 2016, and entitled: "Nova Measuring Instruments to Report Second Quarter 2016 Results on August 3, 2016".
2. Press release issued by the Registrant on, and dated July 11, 2016, and entitled: "Nova Announces Record \$45 Million Optical CD Bookings in Q2 2016".

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.

Date: July 11, 2016

NOVA MEASURING  
INSTRUMENTS LTD.  
(Registrant)

By: /s/ Dror David

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Dror David  
Chief Financial Officer

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### Company Press Release

Nova Measuring Instruments to Report Second Quarter 2016  
Results on August 3, 2016

Conference call to be held at 9 a.m. Eastern Time

REHOVOT, Israel, July 11, 2016 - Nova Measuring Instruments (Nasdaq: NVMI), a leading innovator and key provider of metrology solutions for advanced process control used in semiconductor manufacturing, today announced that it will release its results for the second quarter of fiscal year 2016 before the NASDAQ market opens on Wednesday, August 3, 2016.

Mr. Eitan Oppenheim, President and Chief Executive Officer and Mr. Dror David, Chief Financial Officer, will host a conference call that same day, August 3, 2016, at 9 a.m. Eastern Time, to discuss the financial results and future outlook.

To attend the conference call, please dial one of the following teleconferencing numbers. Please begin by placing your calls five 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 Number: 1-888-430-8709  
ISRAEL Dial-in Number: 1 80 924 5906  
INTERNATIONAL Dial-in Number: 1-719-325-2464

At:  
9 a.m. Eastern Time  
6 a.m. Pacific Time  
4 p.m. Israeli Time

Please reference conference ID 5472687

The conference call will also be webcast live from a link on Nova's website at <http://ir.novameasuring.com>.

For those unable to participate in the conference call, there will be a replay available from a link on Nova's website at <http://ir.novameasuring.com>.

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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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### Company Press Release

Nova Announces Record \$45 Million Optical CD Bookings in Q2 2016

Record Quarterly Bookings Reinforce Confidence in Strong Third Quarter

Rehovot, Israel, July 11, 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 during the second quarter of 2016 the company reached record quarterly booking levels for its Optical CD solutions.

Orders have reached a record high of \$45 million and are mostly scheduled to be delivered during the second half of 2016. The orders cover all of Nova's comprehensive Optical CD products, including integrated and stand-alone platforms, as well as modeling and software solutions. The orders were received from several Foundry and Memory customers globally.

“The record level of bookings in the second quarter have improved our backlog entering the second-half of 2016, increasing our confidence in a strong third quarter and a solid second half,” commented Eitan Oppenheim, President and Chief Executive Officer of Nova. “These orders represent a vote of confidence in our comprehensive portfolio and demonstrate the breadth of our expanded technology and its compelling value to our customers. These wins are evidence of our growing market position and the inroads we make into all Semiconductor front-end segments.”

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).

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This press release contains forward-looking statements within the meaning of safe harbor provisions of the Private Securities Litigation Reform Act of 1995 relating to future events or our future performance, such as statements regarding, but are not limited to, anticipated growth opportunities and projections about our business and its future revenues, expenses and profitability. Forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause our actual results, levels of activity, performance or achievements to be materially different from any future results, levels of activity, performance or achievements expressed or implied in those forward looking statements. Factors that may affect our results, performance, circumstances or achievements include, but are not limited to, the following: our dependency on three product lines; our dependency on a small number of large customers and small number of suppliers; the highly cyclical and competitive nature of the markets we target and we operate in; our inability to reduce spending during a slowdown in the semiconductor industry; our ability to respond effectively on a timely basis to rapid technological changes; our ability to recognize the benefits of ReVera acquisition and risks that the acquisition may disrupt current plans and operations and impact relationships with customers, distributors and suppliers; our dependency on PEMs; risks related to exclusivity obligations and non-limited liability that may be included in our commercial agreements and arrangements; our ability to retain our competitive position despite the ongoing consolidation in our industry; risks related to our dependence on our manufacturing facilities; risks related to changes in our order backlog; risks related to the worldwide financial instabilities; risks related to our intellectual property; new product offerings from our competitors; unanticipated manufacturing or supply problems; risks related to government programs we participate in; risks related to taxation; changes in customer demand for our products; risks related to currency fluctuations, risks related to acquisitions we may pursue and risks related to our operations in Israel. We cannot guarantee future results, levels of activity, performance or achievements. The matters discussed in this press release also involve risks and uncertainties summarized under the heading "Risk Factors" in Nova's Annual Report on Form 20-F for the year ended December 31, 2015 filed with the Securities and Exchange Commission on February 29, 2016. These factors are updated from time to time through the filing of reports and registration statements with the Securities and Exchange Commission. Nova Measuring Instruments Ltd. does not assume any obligation to update the forward-looking information contained in this press release.

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