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**Nova Measuring Instruments to Present at the 18th Annual
Needham Growth Conference**

Management to Present on January 12, 2016 at 10:00 a.m. ET

REHOVOT, Israel, January 4, 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, Chief Executive Officer, and Mr. Dror David, Chief Financial Officer, will present at the 18th Annual Needham Growth Conference on Tuesday, January 12, 2016 at 10:00 a.m. ET.

A live webcast of the presentation will be available to the public and can be accessed at <http://ir.novameasuring.com/event-calendar/>. This webcast will be archived for 90 days following the live presentation.

Mr. Oppenheim and Mr. David will be available for one-on-one meetings during the conference on January 12-13, 2016. To schedule a one-on-one meeting, please contact your Needham representative or Miri Segal at msegal@ms-ir.com.

Needham & Company's 18th Annual Growth Conference (NGC) gives institutional investors, private equity firms and venture capitalists access to over 300 growth companies from a broad range of industries including: communications & enterprise infrastructure; healthcare; industrial technology; Internet, entertainment & consumer; semiconductors & semiconductor equipment; and software & services.

About Nova: Nova Measuring Instruments Ltd. 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.

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