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MTI INSTRUMENTS INTRODUCES NEW LINE OF 2D LASER PRODUCTS

- *State-of-the-art, high accuracy, Microtrak Pro-2D to fulfill market demand and complement MTII's already successful line of 1D lasers* -

Albany, N.Y., August 3, 2011 – MTI Instruments, Inc. (MTII) of Albany, NY, a worldwide leader in precision measurement solutions, and a subsidiary of Mechanical Technology Incorporated (MTI) (OTC: MKTY), announced today the launch of its new Microtrak PRO-2D laser triangulation scanners which provide high speed profile, displacement and dimensional information in real time.

Unlike some competitor's products, the Microtrak PRO-2D is unaffected by surface texture, color or stray light, and is ideal for solving tough production and quality control applications throughout a wide variety of industries. For example, the Microtrak PRO-2D can be used in manufacturing applications like welding, and glue dispersion as well as demanding robotic and motion control applications. Laser head electronics have been specially designed to protect against high shock and vibration. Additionally, by using multiple heads, customers have the ability to expand the system measurement capabilities and perform 3-D analysis.

"As technology advances are made in manufacturing, process and quality control, customers encounter more and more critical measurement applications that can only be solved with non-contact 2D and 3D technology; we believe our Microtrak PRO-2D fulfills many of these application requirements," said Peng Lim, CEO of MTI Instruments. "The Microtrak PRO-2D is part of our strategy of providing technically superior products that solve critical customer demands and is an innovative product that will help us gain access to new applications and customers."

The Microtrak PRO-2D uses the triangulation principle to obtain a two dimensional height profile of target surfaces. To learn more about the Microtrak PRO-2D laser scanners and other MTII products, please visit our website www.mtiinstruments.com. A brochure of the Microtrak PRO-2D can also be obtained on your mobile device by scanning the side code.

About MTI Instruments
MTI Instruments, Inc., a subsidiary of Mechanical Technology Incorporated (OTC: MKTY,) is a worldwide supplier of precision non-contact physical measurement solutions, portable balancing equipment and semiconductor/solar cell wafer inspection

tools. MTI Instruments´ products use a comprehensive array of technologies to solve complex real world applications in numerous industries including semiconductor, commercial/military aviation, automotive, and data storage. MTI is engaged in the development and commercialization of the "Mobion®" direct methanol fuel cell through its subsidiary, MTI MicroFuel Cells Inc. For more information, please visit www.mechtech.com

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Statements in this press release which are not historical fact including statements regarding management's intentions, hopes, beliefs, expectations, representations, projections, plans or predictions of the future are forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Such statements include, among others, MTII´s future business prospects, technology and performance; MTII´s ability to market and sell the Microtrak PRO-2D line of products in any markets; and the importance of and benefits from launching the Microtrak PRO-2D line of products . All forward-looking statements are made as of today, and MTI and MTII disclaim any duty to update such statements. It is important to note that MTII´s and MTI´s actual results could differ materially from those projected in forward-looking statements. Factors that could cause the anticipated results not to occur include, among others, the risk factors listed from time to time in MTI´s SEC reports, including, but not limited to, its Annual Report on Form 10-K and its Quarterly Reports on Form 10-Q.