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EMCORE Enters Into OEM Agreement With Lake Shore Cryotronics to Supply Terahertz Systems and Components

ALBUQUERQUE, N.M., Sept. 24, 2012 (GLOBE NEWSWIRE) -- EMCORE Corporation (Nasdaq:EMKR), a leading provider of compound semiconductor-based components and subsystems for the fiber optic and solar power markets, announced today that it has entered into an OEM agreement with Lake Shore Cryotronics, Inc. to supply an OEM version of the PB7200 Portable Frequency Domain Terahertz (THz) Spectrometer.

Lake Shore is integrating this instrument into a new terahertz frequency system targeted at research and characterization of novel electronic and magnetic materials. Samples of these materials, held at cryogenic temperatures and in high-magnetic fields, will be able to be studied for the first time using continuous wave THz spectroscopy.

"This OEM agreement between EMCORE and Lake Shore Cryotronics represents a significant opportunity for both companies to explore the rapidly growing field of THz technology with a new class of product," said Dr. Joseph R. Demers, Director of Advanced Photonics at EMCORE. "We strongly believe this partnership with Lake Shore is the perfect avenue to bring our products to the cryogenic research market."

"In January of this year, Lake Shore and EMCORE began collaborating on enhancing the PB7200 to support the specific needs of electronic materials research," said Rob Ellis, Lake Shore's VP of Strategic Planning. "We have been very pleased with EMCORE's support of Lake Shore's system development project as we explore new technical frontiers in the implementation and application of continuous wave THz spectroscopy."

EMCORE's PB7200 Portable Frequency Domain Terahertz Spectrometer represents a breakthrough in the field of THz technology because it offers outstanding performance at half the price of competing systems. It can support single frequency or broadband frequency range operation in specific spectral regions of interest with varying degrees of resolution. Coupled with the recent investment in THz photomixer manufacturing, EMCORE is in a position to provide cost-effective solutions or components to this growing market. For more information about the PB7200 Portable Frequency Domain Terahertz (THz) Spectrometer, please visit <http://emcorephotonicsystems.com/>.

EMCORE will be exhibiting at IRMMW-THz 2012, the 37th International Conference on Infrared, Millimeter and Terahertz Waves, September 23 — 28 at the University of Wollongong, Wollongong, Australia. For more information please visit <http://irmmwthz2012.uow.edu.au/index.html>

About EMCORE

EMCORE Corporation offers a broad portfolio of compound semiconductor-based products for the fiber optics and solar power markets. EMCORE's Fiber Optics business segment provides optical components, subsystems and systems for high-speed telecommunications, Cable Television (CATV) and Fiber-To-The-Premise (FTTP) networks, as well as products for satellite communications, video transport and specialty photonics technologies for defense and homeland security applications. EMCORE's Solar Photovoltaics business segment provides products for space power applications including high-efficiency multi-junction solar cells, Covered Interconnect Cells (CICs) and complete satellite solar panels. For further information about EMCORE, visit <http://www.emcore.com>.

About Lake Shore Cryotronics, Inc.

Lake Shore Cryotronics, Inc. is a privately held corporation which has been an international leader in the development of cryogenic temperature sensors and instrumentation since 1968. Lake Shore's current product portfolio includes sensors for cryogenic temperature and magnetic measurements, as well as systems for characterizing the electronic and magneto-transport properties of materials. Lake Shore designs, manufactures and markets products to researchers around the world and sells its products via an international distribution network. For more information about Lake Shore Cryotronics, Inc., please visit <http://www.lakeshore.com>.

Forward—looking statements:

The information provided herein may include forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934, as amended. Such statements include statements regarding EMCORE's expectations, goals or intentions, including, but not limited to, financial performance, production schedules, expected customer sales, product features and their benefits, product quality and product performance. These

forward-looking statements are based on management's current expectations, estimates, forecasts and projections about EMCORE and are subject to risks and uncertainties that could cause actual results and events to differ materially from those stated in the forward-looking statements. Risks and uncertainties that could cause EMCORE's actual results to differ from those set forth in any forward-looking statement are discussed in more detail in EMCORE's SEC filings available at www.sec.gov, including under the headings "Risk Factors" and "Management's Discussion and Analysis of Financial Condition and Results of Operations." Forward-looking statements contained in this press release are made only as of the date hereof, and EMCORE undertakes no obligation to update or revise the forward-looking statements, whether as a result of new information, future events or otherwise.

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