FOR IMMEDIATE RELEASE

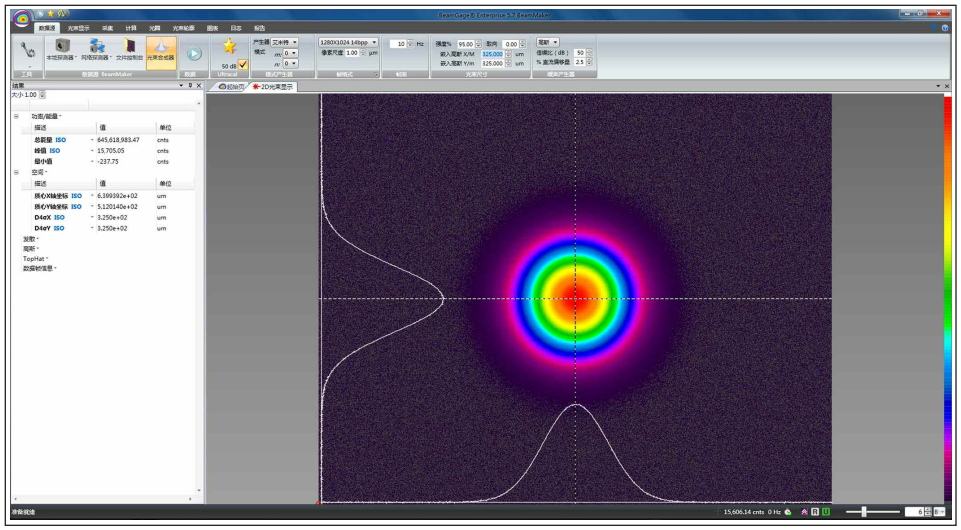
For more information contact:

Gary Wagner, President, Ophir-Spiricon, gary.wagner@us.ophiropt.com

Shari Worthington, PR Counsel, Telesian Technology, sharilee@telesian.com

Spiricon's BeamGage® Laser Profiling System Adds Sophisticated Image Processing, 64-bit Windows® Compatibility, & Support for English, Japanese, Chinese, German

January 24, 2012 — San Francisco, California – Spiricon, global leader in precision laser measurement equipment and a Newport Corporation brand, today announced **BeamGage® version 5.7,** the company's next generation laser beam analysis software, at Photonics West. The system adds new advanced image processing features, including fast, off-axis correction of distorted beam images. It supports Ophir's popular laser power meters — **Pulsar, Nova II, Vega**, and **Juno**, as well as 64-bit versions of Windows® Vista and Windows 7. In addition, BeamGage is now a multilingual platform, adding native language support for English,



Ophir-Spiricon, LLC
3050 North 300 West
North Logan, UT 84341
Tel: 435-753-3729
Fax: 435-755-5454
www.ophiropt.com/photonics

Japanese, and Chinese, plus compatibility with the German Microsoft Windows environments.

"Unlike traditional beam diagnostic tools, BeamGage is a comprehensive laser beam profiling software system that analyzes a beam's size, shape, uniformity, and divergence to ensure you're getting the laser beam you thought you were," stated Gary Wagner, President, Ophir-Spiricon. "The latest version includes advanced image processing that adapts to less than ideal environments, such as camera offset angles. And it is the only camera-based profiling application to incorporate NIST traceable power measurements. The addition of multi-language support and new units of measurement makes this a global product that easily integrates into the work environments of a wide variety of system operators."

Flexibility & Advanced Processing

BeamGage provides a way to quickly detect and correct the skew of an image when the camera angle is offset form the line of sight of the laser beam it is measuring. Based on a sophisticated image compression algorithm, BeamGage can correct off-axis beam images that are angled up to 45 degrees from the perpendicular line of the laser. This provides additional flexibility, which is especially needed for applications that are set up in restrictive spaces. A new "fixed mm" spatial unit option allows users to choose between scientific notation and fixed decimal point millimeter units.

Power Meter Interface

BeamGage 5.7 interfaces with most Ophir power meters, including the Nova II handheld, the Vega color display, the Pulsar PC interface (all versions, 1, 2, 3, and 4), and the Juno USB interface. BeamGage provides a range of ways to integrate with power/energy readings. Supported functions include total power or energy, peak power/energy density, average pulse power, peak pulse power, device efficiency, and % in aperture.

Multiple Languages, 64-Bit Support

BeamGage supports both the 64-bit and 32-bit versions of Windows Vista and Windows 7, enhancing system configuration options and increasing processing speed. The software also provides native language support for English, Japanese, and Chinese. The software is also compatible with the German Windows Vista and Windows 7 environments.

BeamGage is the industry's first beam profiling software to be newly designed, from scratch, using the most advanced tools and technologies. Based on **UltraCal™**, Ophir-Spiricon's patented baseline correction algorithm, BeamGage provides high accuracy results, guaranteeing the data baseline (zero-point reference) is accurate to 1/8th of a digital count on a pixel-by-pixel basis. BeamGage is available in three versions: Standard, Professional, and Enterprise. **BeamGage Standard** features **BeamMaker®** beam simulator, automatic camera control for ease of use, and a comprehensive set of beam analysis algorithms. **BeamGage Professional** adds such capabilities as partitioning of the camera output for separate analysis of multiple laser beams from sources such as fiber, a .NET interface for full remote control when integrating beam analysis into an automated application, and camera sharing. **BeamGage Enterprise** includes support for high-speed, networked cameras, including GigE, Gigabit Ethernet.

Availability & Pricing

BeamGage® 5.7, Standard, Professional, and **Enterprise Editions**, are available now. OEM pricing is available on request. BeamGage Data Sheet: http://bit.ly/wStb8D

About Ophir Photonics

With over 30 years of experience, Ophir Photonics, a Newport Corporation brand, provides a complete line of instrumentation including power and energy meters, beam profilers, spectrum analyzers, and goniometric radiometers. Dedicated to continuous innovation in laser measurement, the company holds a number of patents, including Ophir-Spiricon's **Ultracal™**, the baseline correction algorithm that helped establish the ISO 11146-3 standard for beam measurement accuracy. The Photon family of products includes **NanoScan** scanning-slit technology, which is capable of measuring beam size and position to sub-micron resolution. The company's modular, customizable solutions serve manufacturing, medical, military, and research industries throughout the world. For more information, visit http://www.ophiropt.com/photonics

About Newport Corporation

Newport Corporation (http://www.newport.com) is a leading global supplier of advanced-technology products and systems to customers in the scientific research, microelectronics manufacturing, aerospace and defense/security, life and health sciences and precision industrial manufacturing markets. Newport's innovative solutions leverage its expertise in high-power

semiconductor, solid-state and ultrafast lasers, photonics instrumentation, sub-micron positioning systems, vibration isolation, optical subsystems and precision automation to enhance the capabilities and productivity of its customers' manufacturing, engineering and research applications. Newport is part of the Standard & Poor's SmallCap 600 Index and the Russell Microcap Index.

###

For more information, contact:
Gary Wagner, President
Ophir-Spiricon, LLC
3050 North 300 West
North Logan, UT 84341
Tel: 435-753-3729
E-mail: gary.wagner@us.ophiropt.com
Web: www.ophiropt.com/photonics

PR Office:
Shari Worthington
Telesian Technology
49 Midgley Lane
Worcester, MA 01604
Tel: 508-755-5242
E-mail: sharilee@telesian.com

© 2012, Ophir Photonics. Ultracal and BeamGage are trademarks of Ophir-Spiricon, LLC. All other trademarks are the registered property of their respective owners.