FOR IMMEDIATE RELEASE

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**Ophir Photonics Extends Image Processing Capabilities of BeamGage® Laser Beam Profiling Software with Custom Calculations**

May 14, 2013 — Munich, Germany — Ophir Photonics, the global leader in precision laser measurement equipment and a Newport Corporation brand, today announced the newest version of **BeamGage®** at **LASER World of Photonics**. BeamGage is a state-of-the-art beam profiling system that performs rigorous data acquisition and analysis of laser beam parameters, such as beam size, shape, uniformity, divergence, mode content, and expected power distribution. The new version adds **Custom Computations** to expand the software’s image processing capabilities, allowing laser manufacturers and researchers to easily import their own custom algorithms created in C#.NET. Once imported, users can apply BeamGage’s more than 55 advanced measurement and statistical analysis functions...
including fast, off-axis correction of distorted beam images; trend charting, data logging, power/energy calibration, and pass/fail production testing.

Based on the patented UltraCal™ baseline correction algorithm, BeamGage includes all the formulas and calculations needed to make accurate, ISO approved laser beam measurements. The Custom Calculations function expands the software’s functionality to an even wider array of applications, from fiber optic signal analysis to production parts inspection to military targeting systems. BeamGage supports 2D and 3D viewing of real time results, NIST traceable power measurements, and a wide variety of CCD cameras, including the 11 megapixel, 35mm format USB L11059 Large Format Beam Profiling Camera.

BeamGage supports both the 64-bit and 32-bit versions of Windows® Windows 7. It is available in three versions:

- **BeamGage Standard** features BeamMaker® beam simulator, automatic camera control, and a comprehensive set of analysis algorithms.
- **BeamGage Professional** adds 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.

The software provides native language support for English, Japanese, and Chinese. It is also compatible with the German Windows Windows 7 environment.

**Availability & Pricing**

BeamGage is available now. OEM pricing on request. BeamGage data sheet:


**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 the award-winning BeamTrack.
power/position/size meters and 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 is **ISO/IEC 17025:2005** accredited for calibration of laser measurement instruments. Their modular, customizable solutions serve manufacturing, medical, military, and research industries throughout the world. For more information, visit http://www.ophiropt.com/photonics

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