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Ophir Photonics Introduces StarLite; Low Cost Laser Power / Energy Meter Supports Digital and Analog Screen Displays

January 28, 2013 — North Logan, UT – Ophir Photonics Group, the global leader in precision laser measurement equipment and a Newport Corporation brand, today announced **StarLite**, a new low cost laser power / energy meter that provides both digital and analog screen displays. A compact, handheld unit, StarLite displays a variety of beam measurements, including power, single shot energy, energy and frequency of high repetition rate lasers, and beam size. The meter provides a large 320x240 pixel display with 16mm digits for increased legibility, and monitors power from pW to many kW or energy from pJ to hundreds of Joules.

StarLite monitors power and energy for all Ophir thermopile, pyroelectric, and photodiode sensors. The meter can also monitor laser beam size and accurately track beam position to fractions of a mm when used with Ophir's **BeamTrack**, a



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unique series of thermal detectors that combine multiple functions in one device: power, energy, beam position, and beam size.

The user interface for **StarLite** allows selection of a digital power screen or an analog needle display. The digital screen can average measurements over selected periods of time, which is especially useful for unstable lasers. The analog needle display is designed for adjusting and maximizing laser power or energy.

StarLite's compact, handheld design features rubberized bumpers and an optimum angle kickstand. It can be operated from a rechargeable battery or a connected to an AC source. The brightly lit display allows illumination of the power meter in low light conditions. Like other Ophir smart displays – **Nova II**, **Vega**, and **Juno** – **StarLite** features a “Smart Connector” interface that automatically configures and calibrates the display when plugged into one of the company’s measurement sensors.

Availability & Pricing

The **StarLite** power /energy meter will be available end of Q2. OEM pricing is available on request.

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 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>

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