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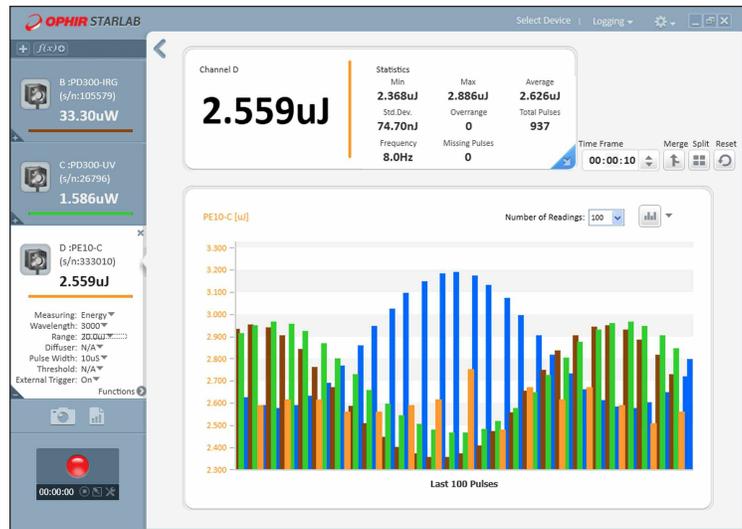
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Ophir Photonics Introduces StarLab 3.0, Multi-Channel Laser Power/Energy Software

January 29, 2014 — North Logan, UT — Ophir Photonics, global leader in precision laser measurement equipment and a Newport Corporation brand, today announced **StarLab 3.0**, laser measurement software that converts a PC into a multi-channel laser power/energy station. The new version of the software provides a revamped user experience that combines ease-of-use and expanded functionality for displaying, formatting, and viewing data. New features include screen capture and print, reverse highlighting of the numeric display, and icons and graphics that guide the user through the application. In addition, support has been added for **StarLite**, the new low cost, handheld laser power / energy meter that displays a variety of beam measurements, including power, single shot energy, energy and fre-



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quency of high repetition rate lasers, and beam size. StarLab provides an easy-to-use, PC-based application that graphically displays, processes, and logs all these measurements.

With **StarLab 3.0**, the data from laser sensors can be displayed separately or multiple data sets can be displayed on one graph. Graphic options include line plot, histogram, bar chart, and simulated analog needle. Data can be displayed graphically or saved in text format. The COM object allows developers to integrate laser beam measurements into sophisticated programming environments, such as Microsoft's® Visual Basic, LabVIEW®, and MatLab®. LabVIEW support, for example, integrates real-time control and advanced analysis and signal processing functions with Ophir's Juno PC interface. The Juno is a compact USB module that connects any of Ophir's 100+ smart laser sensors – thermal, pyroelectric, or photodiode – to a PC USB port.

StarLab 3.0 works with all types of Ophir sensors, allowing users to measure, analyze, and record laser power and energy parameters from any combination of smart power/energy sensors. Data can be collected from thermal, pyroelectric, and photodiode heads using any of the company's laser power/energy meters, PC interfaces, or combinations of the two.

- **Juno:** USB laser sensor to PC interface; multiple devices connect up to eight (8) heads to one PC
- **Vega:** compact, stand-alone meter with bright, color display
- **Nova II:** high definition, stand-alone meter with LCD display
- **Pulsar:** high speed, multi-channel USB meter supports data logging to PC, up to 25,000 Hz
- **StarLite:** low cost, stand-alone meter

Pricing and Availability

StarLab 3.0 is available Q2 2014. It is included free of charge with all Juno, USBI, Vega, Nova II, Pulsar, and StarLite power/energy meters. It works on Microsoft® Windows® XP, Vista (32-bit), and Windows 7 (32-bit and 64-bit), and Windows 8 platforms.

The data sheet and firmware download can be found at: <http://bit.ly/1aZxwK6>

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 measure-

ment, 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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