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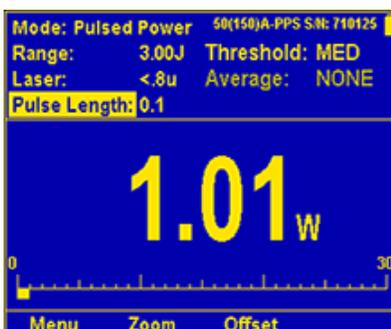
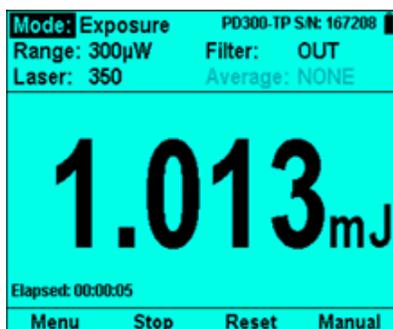
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Ophir Photonics Announces New Features for StarBright, Advanced Laser Power / Energy Meter

EDITORS: High resolution images are available for download at <http://www.telesian.com/marketing/vpr/os/os071816-01.cfm>

July 18, 2016 – North Logan, UT – Ophir Photonics Group, a Newport Corporation company celebrating 40 years of excellence as the global leader in precision laser measurement equipment, has announced an update to **StarBright**, a compact, feature-rich, handheld laser power/energy meter. Displaying measurements from pW to kW’s and pJ to hundreds of Joules, StarBright measures power, single shot energy, repetitive energy, frequency, and beam size with Ophir’s wide range of thermal, pyroelectric, and photodiode laser sensors. It also measures irradiance and dosage with the **PD300RM** radiometer sensors, and laser beam size and beam position with the **BeamTrack** power/position/size laser sensors. The newest version of StarBright can be used to measure the instantaneous power of a laser pulse. This is especially useful for measuring lasers in high power applications. StarBright can now also be used to measure total energy exposure



with a Photodiode sensor, a big plus for photolithography applications.

For enhanced readability, **StarBright** provides a bright, 320x240 pixel color display with large, 16mm digits. Users have a choice of formats: digital with bargraph or analog needle. The digital screen can average measurements over selected periods of time, which is especially useful for unstable lasers. The analog needle display supports adjusting and maximizing laser power or energy. The line graph display can be used to track measurements over time. There is also an option to show measurement statistics on the same screen as the power/energy display. Advanced mathematical functions include density, scale factor, and pass/fail inspection. Every data point can be logged at up to 5000Hz from Ophir's pyroelectric sensors.

StarBright works with Ophir's **StarLab** laser measurement software and **StarCom** data logging software; the meter also includes a LabVIEW® driver and COM object. The meter features a "smart connector" interface that automatically configures and calibrates the display when plugged into one of the company's measurement sensors. Other features include rubberized bumpers, an optimum angle kickstand, and a rechargeable battery.

Customers that already own a **StarBright** meter can take advantage of the new features by downloading the latest version of the meter's firmware from the Ophir web site and following the step-by-step instructions that are provided when running the app.

Availability

The **StarBright** laser power / energy meter is available now. OEM pricing is provided on request.

PRODUCT PAGE: <http://ow.ly/eFJ6301Li3K>

FIRMWARE UPGRADE: <http://ow.ly/VcSH301LhZu>

About Ophir Photonics

With over 40 years of experience, Ophir Photonics, a Newport Corporation company, 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 R&D 100 award-winning **BeamTrack** power/position/size meters; **BeamWatch**®, the industry's first non-contact, focus spot size and position monitor for lasers in material processing; 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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