



FOR IMMEDIATE RELEASE

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Ophir-Spiricon Introduces Circular Laser Energy Sensors for Easy Centering

*Compact, low noise photodiode energy detector
provides wide dynamic range, from picoWatts to Watts*

January 26, 2010 – San Francisco, CA – Ophir-Spiricon, the global leader in precision laser measurement equipment, today announced the **PD300-R** line of **Circular Photodiode Sensors**. Identical in performance to the company's popular PD300 laser detectors, the PD300-R feature round geometry for easy mounting and centering on collinear optical bench systems. SM-1 mounting threads on all components ensure a fit with most optics. The sensors are designed to detect a wide range of light levels, from 500 picoWatts to 3W. Each device has a built-in filter that reduces the light level on the detector and allows measurements up to 30mW without saturation. A second, removable filter allows measurement up to 3W.

Four models are available:

- **PD300-R** measures from 500pW to 30mW filter



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out, 200 μ W to 300mW filter in, wavelengths from 200 – 1800nm

- **PD300-R-3W** measures from 5nW to 100mW filter out, 200 μ W to 3W filter in, wavelengths from 200 – 1800nm
- **PD300-R-UV** measures from 20pW to 3mW filter out, 2 μ W to 300mW filter in, wavelengths from 200 – 1100nm
- **PD300-R-IR** measures from 5nW to 30mW filter out, 200 μ W to 300mW filter in, wavelengths from 700 – 1800nm

“Unlike competing products, the PD300-R detectors make laser measurement truly simple,” stated Ephraim Greenfield, VP Engineering, Laser Measurement Group, Ophir-Spiricon. “They provide one of the widest dynamic ranges in the industry, and round geometry and SM-1 threads for easy mounting and centering. No additional plugs are required.”

The **PD300-R Circular Photodiode Sensors** work with all Ophir smart meters and PC interfaces, including the **Orion PE**, **Nova**, **Nova II**, **Vega**, and **LaserStar** meters as well as the **Juno** and **Pulsar** PC interfaces. Each display features a “Smart Connector” interface that automatically configures and calibrates the display when plugged into one of the company’s measurement heads.

Pricing and Availability

The **PD300-R Circular Photodiode Sensors** are available now. OEM pricing is available on request.

About Ophir-Spiricon

Established in 1978, Ophir-Spiricon is part of the Ophir Optronics Laser Measurement Group. The Laser Measurement Group provides a complete line of instrumentation including power and energy sensors, beam profilers, and spectrum analyzers. Dedicated to continuous innovation in laser measurement, the company holds a number of patents, including **Ultracal™**, the baseline correction algorithm that helped establish the ISO 11146-3 standard for beam measurement accuracy. The company’s modular, customizable solutions serve manufacturing, medical, military, and research industries throughout the world. For more information, visit www.ophir-spiricon.com.

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