



FOR IMMEDIATE RELEASE

For more information contact:

Gary Wagner, President, Ophir-Spiricon, [gary.wagner@ophir-spiricon.com](mailto:gary.wagner@ophir-spiricon.com)

Shari Worthington, PR Counsel, Telesian Technology, [sharilee@telesian.com](mailto:sharilee@telesian.com)

## Ophir-Spiricon Announces High Accuracy Laser Beam Splitter/Attenuator for Small Spot Sizes, up to 400 W

January 20, 2009 – Ophir-Spiricon, the global leader in precision laser measurement equipment, today announced the **LBS-300 Beam Samplers**, a family of high accuracy laser beam attenuators that combine a compact, portable design with small beam diameters and high power ranges. Designed for challenging, high power applications, the samplers provides high accuracy measurements of beams with diameters up to 15mm and power levels from 10mW to 400W. This makes the LBS-300 ideal for enclosed workstations, such as micromachining, microwelding, and medical device manufacturing.

The **LBS-300 Beam Sampler** is designed to control and adjust laser beam output power reaching the camera. Approximately 99.9% of the beam is transmitted through the beam sampler with less than 0.1% passed on to the camera. The LBS-300 includes three neutral density filter sets, fixed or continuous, and attaches to C-mount, CS-mount, or Ophir mount cameras. Two filters can be combined to provide adjustable attenuation down to 100,000,000:1.

There are four LBS-300 configurations:

- **LBS-300-UV** for wavelengths from 266 – 355nm



Ophir-Spiricon Inc.  
60 West 1000 North  
Logan, UT 84321  
Tel: 435-753-3729  
Fax: 435-755-5454  
[www.ophir-spiricon.com](http://www.ophir-spiricon.com)

- **LBS-300-VIS** for wavelengths from 400 – 700nm
- **LBS-300-NIR** for 1064nm wavelength
- **LBS-300-BB** for broadband applications, from 190-1550nm

“To paraphrase Deming, if you can’t measure the process, you can’t control it,” stated Gary Wagner, President, Ophir-Spiricon, Inc. “Many laser users are dealing with extremely small clearances, as small as two inches or less in some medical device workstations. These applications are difficult to profile and hard to control. Such precision work requires high accuracy equipment. The LBS-300 addresses these application requirements by measuring high powers and small spots with the added benefit of a portable form factor that can easily be moved from one camera to the next.”

### **Pricing and Availability**

The **LBS-300 Beam Sampler** is available now. Prices start at US\$1995. OEM pricing 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 meters, 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 <http://www.ophir-spiricon.com>.

###

#### **For more information, contact:**

Gary Wagner, President  
 Ophir-Spiricon Inc.  
 60 West 1000 North  
 Logan, UT 84321  
 Tel: 435-753-3729  
 E-mail: [gary.wagner@ophir-spiricon.com](mailto:gary.wagner@ophir-spiricon.com)  
 Web: <http://www.ophir-spiricon.com>

#### **PR Office:**

Shari Worthington  
 Telesian Technology  
 49 Midgley Lane  
 Worcester, MA 01604  
 Tel: 508-755-5242  
 E-mail: [sharilee@telesian.com](mailto:sharilee@telesian.com)

© 2008, Ophir-Spiricon Inc. Ultracal is a trademark of Ophir-Spiricon Inc. All other trademarks are the registered property of their respective owners.