



LUMETRICS[®]
Precision Measurement Systems

Now offering CLAS, ClearWave & CrystalWave product lines
acquired from AMO WaveFront Sciences!



NEWS RELEASE

FOR IMMEDIATE RELEASE

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Lumetrics, Inc. Develops New Line of Beam Expanders and Reducers to Enhance Wavefront Systems

Rochester, NY- March 29, 2013 – Lumetrics[®], Inc., a leading manufacturer of measurement technology has developed a new line of beam expanders and reducers to greatly enhance the capabilities of its portfolio of Shack-Hartmann Complete Light Analysis System (CLAS-2D) wavefront aberrometers. With their extensive optical design capabilities, Lumetrics is able to design and build any configuration that a customer may require.

Lumetrics[®] has the widest range of wavefront sensors - from the small and efficient micro-CLAS system to its most versatile CLAS-XP, and the powerful Infrared line of sensors. Lumetrics[®] aberrometers operate with light sources from 193nm up to 1700nm, the widest range of any wavefront sensor provider on the market. Lumetrics[®] licensed technology, and builds products, that were initially produced by the leading developer of modern wavefront aberrometry, WaveFront Sciences. Lumetrics[®] acquired this patented technology from Abbott in June of 2012. These products formerly had been sold under the WaveFront Sciences name.

Lumetrics[®] beam expanders and reducers are effective for everything from wind tunnel turbulence applications, to wind shear testing, beam analysis, large mirror surface topology, and complex alignment and analysis applications. Lumetrics[®] provides a full range of services from the Shack-Hartmann wavefront aberrometers alone to a fully integrated system with fixturing and specialized software. Standard expanders and reducers are available for the full suite of CLAS-2D wavefront aberrometers and allow beam measurement up to 60 mm, while larger custom beam reducers can easily be designed.

Lumetrics[®] CLAS-2D software drives all models of LUMETRICS[®] wavefront sensors. The software is designed to provide thorough and accurate metrology of phase, irradiance, and beam geometry characteristics, of laser beams and beams propagating through optical systems. The software is easy to use and contains features that have evolved through practical experience by thousands of users at such facilities as MIT's Lincoln Labs, the Lawrence Livermore Laboratories, Agilent, and Boeing.

Lumetrics[®] spent 2012 integrating the WaveFront product line into their new 10,000 sq/ft manufacturing facility. Both the CLAS-2D, and their original OptiGauge[™] products are intended to reduce inspection costs, improve yields, and satisfy stringent requirements for new and existing products. "We are extremely excited to be enhancing our CLAS-2D product line with these advanced capabilities", said President John Hart. "The



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integration of the wavefront products into Lumetrics has been extremely smooth and our core optical design strengths are critical to enhancing our customers capabilities.”

Lumetrics has seen continuous growth in recent years especially in the medical and ophthalmics industry. The new wavefront products support those industries but also open a new scientific market for Lumetrics products.

About Lumetrics

Lumetrics has developed a proven, accurate, non-contact measurement system, called OptiGauge, designed to reduce production cycle time and enhance quality control. These systems are changing the way medical, ophthalmics, and industrial companies produce and inspect their products. With their CLAS-2D Shack-Hartmann wavefront technology Lumetrics is providing enhanced tools especially tuned for the scientific and optics community. For more information about Lumetrics, Inc., visit www.lumetrics.com.

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