

Press Release

LpS 2017 Bregenz: Product presentation and lecture by Instrument Systems

New CAS 140D spectroradiometer for challenging solid state lighting measuring tasks

Munich, September 2017 – At LpS Bregenz 2017, taking place from September 26 to 28, Instrument Systems will show solutions for actual challenges in light measurement. In cooperation with TÜV SÜD, on September 28 the company will participate in the parallel LpS symposium, holding a lecture with focus on SSL measurements and its legal regulations in the EU.

During the exhibition, Instrument Systems will present a test setup for larger SSL light sources and luminaires, consisting of an 1 m integrating sphere ISP 1000 and the new high-end CAS 140D array spectroradiometer. The 4th generation of the proven CAS 140 series by Instrument Systems has been launched just recently. Thanks to sustainable technical optimizations, it offers even more versatile applications compared to the predecessor CAS 140CT.

Due to its improved optical and mechanical design, the latest instrument is not only more functional, but smaller and easier to integrate into existing measurement environments. The automatic accessory identification enables quick and easy changing of a wide range of measurement adapters and ensures that only currently valid calibrations are used. This leads to high process reliability in production and laboratory. The CAS 140D is suitable as reference instrument in national calibration laboratories as well as for the use in continuous production. Together with a wide range of accessories the array spectrometer turns to a system solution for nearly every possible spectroradiometrical and photometrical measuring task.

Dr. Đenan Konjhodžić, senior application engineer at Instrument Systems, will give a lecture on "Solid State Lighting Measurements – From Basics to Recent Developments". Starting with basic know-how and the standards of SSL metrology, he will present the

well-established measuring methods with goniophotometers and integrating spheres. An important focus will be the European legal regulations when introducing lamps and luminaires in the market. The lecture will take place on September 28, at 9:30 at Festspielhaus Bregenz (Saal Bodensee).

www.instrumentsystems.com



Figure 1: The new CAS 140D spectroradiometer is suitable not only as a reference instrument in national calibration labs, but also for continuous use in production.

Company profile of Instrument Systems GmbH

Instrument Systems was founded in 1986 and is based in Munich, Germany. The company develops, manufactures and markets turnkey solutions for light measurement. Instrument Systems delivers a comprehensive range of light measuring products for industrial and research applications. These include high-performance spectrometers, as well as imaging photometers and colorimeters. Key applications are LED/SSL and display measurement, as well as spectroradiometry and photometry. Today Instrument Systems is one of the world's leading manufacturers in this area. Products of the Optronik line for the automotive industry and traffic technology are developed and marketed at the Berlin facility. About 85% of sales are generated by the export business. Since 2012, Instrument Systems has been a wholly-owned subsidiary of the Konica Minolta Group.

For further details or photos/illustrations:

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