



Eerbeek, June 12th, 2007

Re.: Press Release by AVANTES Eerbeek, The Netherlands

Avantes new Balanced Deuterium/Halogen Light Source extends the dynamic range of AvaSpec™ spectrometers significantly

Avantes introduces at the LASER 2007 a newly developed light source 'AvaLight™DH-BAL' for their extensive AvaSpec™ Spectrometers line. The new development offers balanced properties and allows to increase the various dynamic ranges of their existing instruments to a great extent. The new product complements the large range of AvaLight™- sources.

The new AvaLight™ eliminates the D-alpha line at 655 nm which has been problematic for users of deuterium sources due to its tendency to saturate detectors. In addition, the intensity of the Halogen portion of the spectrum can be adjusted to provide customers with the capability to further balance the spectral properties of the AvaLight™ for a given application. The AvaLight™ -DH-BAL includes a shutter that can be operated manually or via TTL signal from the Avantes spectrometer platform. AvaLight™ -DH-BAL can be used from 200-2500 nm and is available as a deuterium only source.

Combined with Avantes' AvaSpec™ spectrometers, AvaLight™ sources are suitable for a wide variety of spectroscopy applications including reflectance, transmittance, absorption, fluorescence, and irradiance measurements. E.g.: in many industrial applications in the chemical-, pharmaceutical- and paper industry as well as in coatings and automotive etc. Avantes offers bundled solutions for many application requirements as well as a variety of accessories, making Avantes systems flexible to meet the needs of the user.

For additional information about Avantes' products and services or to request Avantes' free Solutions in Spectroscopy® catalog 2007-2008, please visit the Avantes site at www.avantes.com or email to info@avantes.com or in North America infoUSA@avantes.com.

AVANTES develops and manufactures products in the field of spectroscopy, such as spectrometers, light sources, software, fiber optic cables and probes, accessories and fiber optic sensor systems. With over 13 years of experience in solutions in spectroscopy, **AVANTES** continues to produce innovative applications in diverse fields including industrial, chemical, petrochemical, gemology, biomedical, semiconductor, and food processing technology.

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Photo*): AVANTES new AvaLight™DH-BAL' light source →

***) high resolution picture attached and digitally on CD in the press kit**

