

**Eerbeek, June 12<sup>th</sup>, 2007**

**Re.: Press Release by AVANTES Eerbeek, The Netherlands**

**Avantes, as leading high quality spectrometer producer, makes pace with an innovative, high performance, low cost spectrometer AvaSpec™ -2048X14**

**Avantes has managed to package a low cost, back-thinned CCD-array into its portable spectrometer platform. The new detector has superior performance in the UV- and NIR-range over conventional CCD-arrays. Additionally, the overall sensitivity and signal to noise performance of the AvaSpec™-2048X14 is unequalled in the low cost, high performance spectrometer market.**

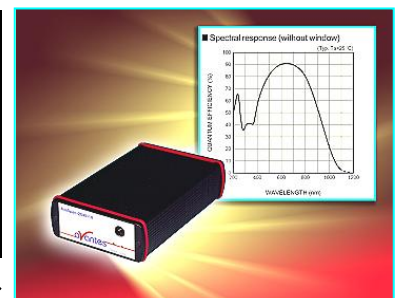
The AvaSpec™ -2048X14 is available with all features Avantes' customers have grown to expect. These include, high speed USB2 for complete scans in 2.24 ms, RS232, and wireless data communications, 16 bit A/D for high dynamic range, on-board processor and memory, 4 analog and 15 digital I/O capabilities.

Avantes continues to push their envelope packing further, to get even more valuable features into its continually expanding platform. The AvaSpec™ -2048X14 is designed for end users as well as for OEM component to systems integration customers. Possible applications are many, e.g. in the paper and chemical- and pharmaceutical industry for high UV-absorption/quantity evaluations or fluorescent- and color measurements in coatings and automotive and many others...

*For additional information about Avantes' products and services or to request Avantes' free Solutions in Spectroscopy® catalog 2006-2007, please visit the Avantes site at [www.avantes.com](http://www.avantes.com) or email to [info@avantes.com](mailto:info@avantes.com) or in North America [infoUSA@avantes.com](mailto: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 AvaSpec™ -2048X14 spectrometer ..... →**

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