



Eerbeek, March 12th, 2008

Re.: Press Release by AVANTES Eerbeek, The Netherlands

**Avantes, leading high quality spectrometer producer, introduces new
“Store To RAM function” for storing a large number of scans at high speed**

Avantes, leading in the field of fiber optic spectroscopy, introduces an important new feature for Avatec spectrometers, called: ‘Store To RAM’. This new function enables to store a high amount of spectra in a very short time. These spectra are saved in the internal memory (RAM) of the spectrometer before they are transmitted to the PC.

The new function is particularly interesting for customers in need of in-line high speed spectral analyses, fluorescence decay measurements, wafer thinfilm mapping, and many more.

‘Store To RAM’ enables the stockpiling of scans at very high speed (as fast as 1.1. msec per scan for the AvaSpec-2048-USB2, and 0.1 msec per scan for the AvaSpec-128-USB2) in the internal spectrometer-RAM, without the overhead of USB communication.

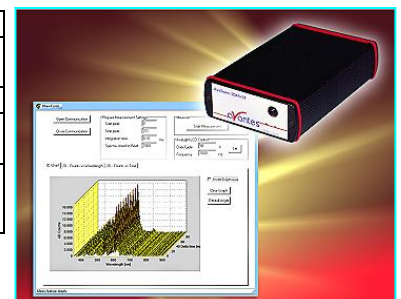
Based on this the AvaSpec-2048-USB2 allows the storage of over a thousand full spectra, the Avaspec-128-USB2 almost 20 thousand spectra. The storage capacity can be even expanded by reducing the pixelrange and selecting only the start- and stoppixel.

For additional information about Avantes’ products and services or to request Avantes’ free Solutions in Spectroscopy® catalogue 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 15 years of experience in solutions is 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*): Storing of scans at high speed with the new AVANTES “Store to RAM function” with AvaSpec™ 2048-USB2 spectrometer
Graph: Typical 3D spectral graph of a fluorescence lamp →**



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