



PRESS RELEASE

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Kinetic Microspectroscopy for the 20/20 PV™ UV-visible-NIR Microspectrophotometer

Warsash Scientific is proud to announce the addition of kinetic spectroscopy capabilities to the 20/20 Perfect Vision™ UV-visible-NIR microspectrophotometer.

With the kinetic spectroscopy package, this system is able to monitor the full range spectra of a microscopic sample area over time and plot the results. Analysis of samples can be done by absorbance, reflectance and even optical emission from the deep UV to far into the near infrared spectral regions. Applications are numerous and include biological time resolved analysis to measuring the degradation of LED's over time, chemical reactions on metallic films and much more. The ability to analyse the time resolved spectra of microscopic sample areas with multiple spectroscopic techniques, makes the kinetic package for the 20/20 Perfect Vision™ *the* cutting-edge micro-analysis tool for any laboratory or manufacturing facility.

"Adding kinetics and time-resolved microspectroscopy capabilities to the 20/20™ microspectrophotometer makes it the ideal tool for a laboratory or factory due its unique capabilities, high spatial resolution and sensitivity ... [these] microspectrophotometers are backed by years of experience in both designing, building and the using of this type of instrumentation for many types of microspectroscopic analysis." Dr. Paul Martin, President of CRAIC Technologies.

The 20/20 Perfect Vision™ microspectrophotometer, available from Warsash Scientific, integrates an advanced, high speed spectrophotometer with a sophisticated UV-visible-NIR range microscope and powerful, easy-to-use software. When incorporating the kinetics microspectroscopy package, this flexible instrument can acquire data from microscopic samples by absorbance, reflectance or even emission spectroscopy over a range of time periods. The kinetic microspectroscopy feature allows the creation of three dimensional maps in which X and Y are the spectrum and Z is the time domain. With its kinetics capabilities, high sensitivity, durable design, and ease-of-use, the 20/20™ microspectrophotometer is more than just a scientific instrument. It is a solution to your analytical challenges.

For more information about spectral mapping with the 20/20 Perfect Vision™ microspectrophotometer, contact Warsash Scientific on +61 2 9319 0122 or sales@warsash.com.au.

