



PRESS RELEASE

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Introducing the 20/30 XL UV-Vis-NIR Microspectrophotometer

The 20/30 XL™ is able to take spectra and images of microscopic features of very large objects from the deep UV to the near infrared. There is no upper limit to the sample size which makes this instrument perfect for everything from quality control of the largest flat panel displays to film thickness of 300mm wafers to the non-destructive analysis of great artworks.

The 20/30 XL™ microspectrophotometer from **CRAIC Technologies** is designed to non-destructively analyse microscopic features of very large samples when integrated into large scale sample handling machinery. With a spectral range from the deep ultraviolet to the near infrared, analysis of samples can be done by absorbance, reflectance, Raman, luminescence and fluorescence with unparalleled speed and accuracy. The system can also be configured to image microscopic sample areas in the UV and NIR regions in addition to high resolution colour imaging.

Due to its flexible design which gives it the ability to analyse the largest samples, applications are numerous and include mapping colour and intensity variations of flat panel displays, film thickness measurements across the entire surface of 300mm wafers, scanning the surfaces of hard disks for defects to the analysis of entire paintings with high spatial resolution. With the ability to spectral analyse and image microscopic samples and very large devices, the 20/30 XL microspectrophotometer is *the* cutting-edge micro-analysis tool for laboratories and manufacturing facilities.

The 20/30 XL™ microspectrophotometer integrates advanced spectrophotometers with a sophisticated UV-visible-NIR range microscope and powerful, easy-to-use software. By including high-resolution digital imaging, the user is also able to use the instrument as an ultraviolet or infrared microscope. Touch screen controls, advanced software, calibrated variable apertures and other innovations all point to a new level of sophistication for microanalysis. With high sensitivity, durable design, ease-of-use, multiple imaging and spectroscopic techniques and automation, the 20/30 XL is more than just a quality control measurement tool. It is *the* solution to your analytical challenges.

For more information, contact **Warsash Scientific** on +61 2 9319 0122 or sales@warsash.com.au.

