



**PRESS RELEASE**

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## 508 PV™ UV-Vis-NIR Spectrophotometer

*The 508 PV™ adds to your microscope to give you UV-visible-NIR absorbance, reflectance, fluorescence and polarization spectra and imaging.*

**Warsash Scientific** is proud to introduce the 508 PV™ UV-visible-NIR spectrophotometer for your microscope. The 508 Perfect Vision™ is designed to be added to an open photoport of a microscope or probe station so that you can non-destructively analyse the spectra of many types of microscopic samples.

Featuring **CRAIC Technologies'** cutting edge Lightblades™ spectrophotometers and proprietary optical interface technologies, the 508 PV™ can acquire spectra of microscopic sample areas by absorbance, reflectance, polarization, luminescence and fluorescence, in addition to high-resolution colour images, when attached to properly configured microscopes.

Applications are numerous and include characterisation of new materials, measurement of surface plasmon resonance, graphene, vitrinite reflectance of coal and high resolution colorimetric and relative intensity mapping of flat panel displays. Thin film thickness of microscopic areas can also be measured using the 508 PV. Combined with CRAIC Technologies Traceable Standards, which are specifically designed for use with microspectrophotometers and traceable to Standard Reference Materials from NIST, the 508 PV spectrophotometer is a cost-effective, micro-analysis tool for any laboratory or manufacturing facility.

The 508 PV spectrophotometer integrates Lightblades spectrophotometer with a sophisticated optical interface hardware and powerful, easy-to-use LambdaFire™ software. Lightblades are spectrophotometers designed and built by specifically for microscale analysis. This new level of sensitivity and stability give us a flexible instrument that is custom designed to add to a microscopes photoport and rapidly acquire high quality spectra from microscopic samples. Sophisticated software, high resolution imaging, permanently calibrated variable apertures and other innovations all yield a new level of sophistication for microanalysis. With high sensitivity, durable design, ease-of-use, imaging and spectroscopic techniques and the support of CRAIC Technologies, the 508 PV™ is more than just a scientific instrument. It is a great solution to your analytical challenges.

For more information, contact Warsash Scientific on +61 2 9319 0122 or [sales@warsash.com.au](mailto:sales@warsash.com.au).

