B&W Tek for Innovative Spectroscopy Solutions

Our New Premium Spectrometer Partner

B&W Tek is an advanced instrumentation company producing optical spectroscopy and laser instrumentation, as well as laboratory, portable and handheld Raman systems brought to you by John Morris Scientific. They provide spectroscopy and laser solutions for the pharmaceutical, biomedical, physical, chemical, LED lighting and research communities. Originally established as a producer of green lasers in 1997, they have become an industry-leading, total solutions provider; coupling our core technologies with custom design and manufacturing capabilities.

With an extensive variety of products and accessories, B&W Tek is able to utilise an assortment of ready-to-use, off-the-shelf modular components and combine them into a complete spectroscopy solution. Countless applications can be performed by combining any variety of our lasers, spectrometers, sampling accessories, and software packages – all designed and built in-house. This commitment to vertical integration has made B&W Tek an industry leading provider of laser, Raman and NIR systems.

Markets Served
B&W Tek provides solutions for numerous different applications and fields, including:

- Academic labs
- Biologicals
- Biomedical
- Chemical
- Cosmetics
- Forensics
- Government labs
- Materials
- Science
- Medical
- Nutraceutical
- Pharmaceutical
- Plastics/Polymers
- Physical
- Research
- Security
- Semiconductor
- Solar

B&W Tek leads the world in Raman spectrometer manufacturing with over 10,000 spectroscopy solutions delivered. Their complete line of high performance laboratory, portable and handheld Raman spectrometers is unique with solutions for the classroom to the research lab to the loading dock. Extensive knowledge and cutting edge technology in the field of Raman spectroscopy has allowed them to focus on solution-oriented products designed for non-specialists and provide easy, rapid measurements in a matter of minutes.

B&W Tek has one of the most comprehensive lines of UV, Vis and NIR spectrometer modules on the market. Combined with a wide selection of spectroscopy accessories, B&W Tek offers nearly limitless utility. Some of the most common applications of modular spectroscopy include reflectance, absorption, transmission and emission. All of their UV, Vis, and NIR spectrometers can also be configured to measure absolute irradiance, making them ideal for LED and solar applications. They also offer the smallest TE Cooled linear CCD array spectrometer on the market, ideal for applications that require low light level detection and long integration, such as Raman and fluorescence.

Major Products

- NanoRam – handheld Raman spectrometer designed for use by non-specialists
- i-Raman – high resolution portable Raman spectrometer
- i-Raman Plus – highly sensitive high resolution portable Raman spectrometer
- i-Raman EX – 1064 nm portable Raman spectrometer
- Exemplar – “smart” CCD spectrometer
- Exemplar LS – low straylight “smart” CCD spectrometer
- Exemplar Plus – highly sensitive “smart” back-thinned CCD spectrometer

John Morris Scientific also features a unique array of B&W Tek NIR and broadband fibre coupled spectrophotometers offering spectral coverage from as low as 350nm to as high as 2550nm. By coupling these visible and NIR spectrophotometers with various sampling accessories, they may be configured for a variety of applications such as transmission, reflected colour and NIR vibrational spectroscopy.

Need to know more about B&W Tek Spectrometry?
Talk to our experts in the Laboratory team today
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NEW WEBSITE: www.johnmorrisgroup.com/AU/Laboratory

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