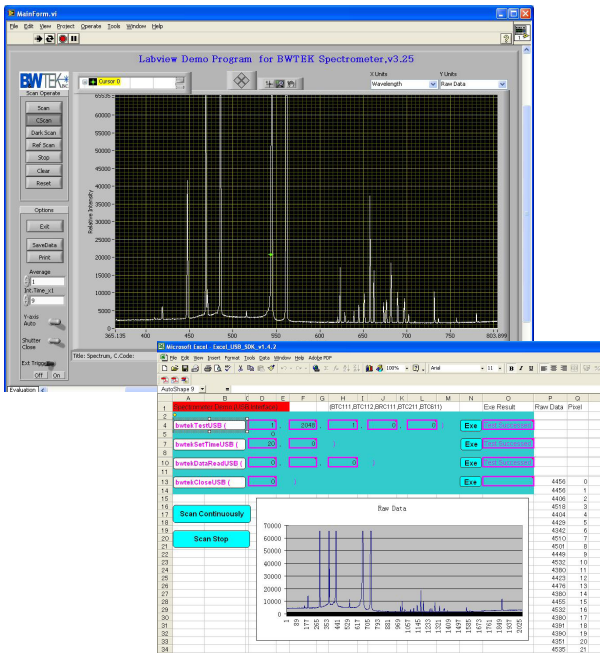
Software Development Kit

Software

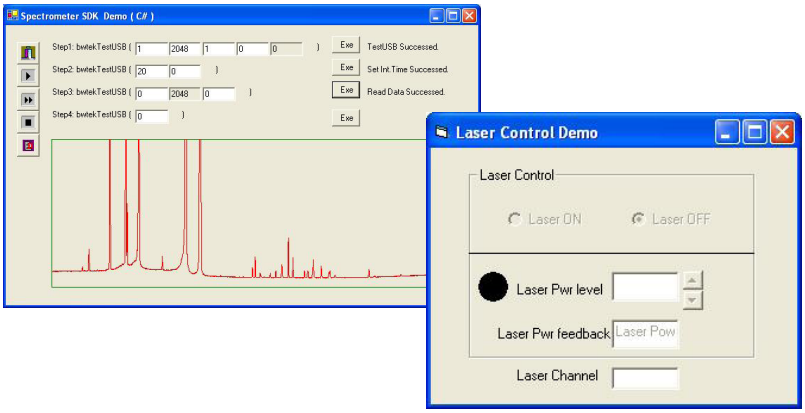


Custom software development kits (SDKs) allow users to control B&W Tek spectroscopic instruments through their own customized interfaces. Basic laser and spectrometer control for data acquisition, calibration and module synchronization are available for all USB-based and RS232-based spectrometers and systems. The SDK package is designed for 32 and 64-bit Windows operating systems. SDKs for Linux are available for USB-based spectrometers.

Advanced packages with data processing algorithms and chemometric model support (models from BWIQ software) are available for full control of Raman systems. The math functions for data processing including curve-fitting, peak finding and smoothing are also a benefit for spectrometer systems.

SDKs Support:

- USB Cleanlaze® Lasers
- RS232 Spectrometers
- USB Spectrometers
- Raman Systems
- OEM handheld Raman systems developed in Android systems
- Please contact us to confirm the best package for your application needs.



Each SDK Package comes complete with detailed instructions and simple programming examples done with our various spectrometer models to get you started.

SDK Package	Function	Supported Programing Language
SDK-SL-Windows	Control of B&W Tek USB- communication spectrometers and CleanLaze lasers in Windows environment.	LabView® 8.2, Visual C++ 6.0, C++ Builder, C#, Visual Basic, VBA, VB.NET, Java, Matlab 2017
SDK-SL-Linux	Control of B&W Tek USB- communication spectrometers and CleanLaze lasers.	C++, package for Raspberry Pi, Java
SDK-SL-RS232-Windows	Control of B&W Tek RS232- communication spectrometers and CleanLaze lasers in Windows environment.	C#
SDK-Math-Windows	Instrument control and advanced data processing as well as chemometric prediction functions for USB-based Raman spectrometers in Windows environment.	C#
SDK-MR-Android	Control of OEM handheld Raman systems developed in Android systems.	Java

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