

Software

Spectroscopy applications demand powerful software tools to provide everything from instrument control to acquisition of large data volumes. Zolix has pay more attention to software over years and offers a range of software solutions according to customers' requirement ;Focusing on our core markets of spectroscopy and related fields;

ZolixScan Controlling Software

Detector control software

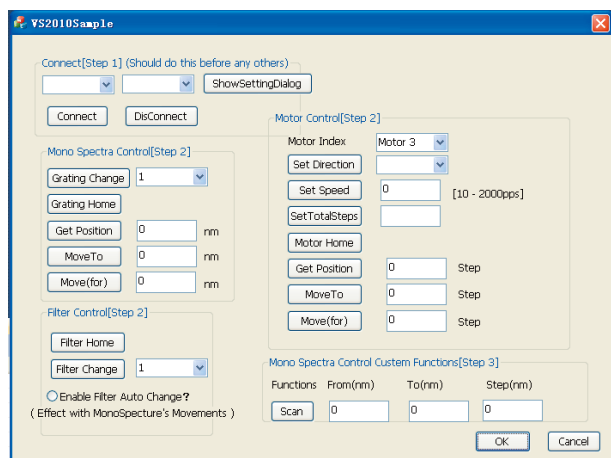
ZolixScan is Zolix's detector control software with versions specifically designed to run detectors; Spectroscopy and detectors as well as their associated accessories. All detectors parameters can be configured through the setup dialogues.

ZolixScan offers a dedicated platform for scanning monochromator applications. Monochromators, detectors, data acquisition unit, lock-in amplifier/chopper and motorized accessories can all be conveniently synchronized through a series of intuitive interfaces ;

Complex scanning sequences involving multiple gratings, filters and up to monochromators for fluorescence measurements—including a tunable light source setup—can be captured prior to acquisition start and executed without further intervention of the user. ZolixScan can also handle multiple detectors control and data display for Absorption-Transmission-Reflection spectroscopy etc.

Features

- With detection capabilities ranging from UV to IR region through range of single point detectors—Silicon, PMTs, PbS, InGaAs etc. ZolixScan offers a dedicated platform for scanning applications
- Dedicated platform for scanning applications
- Step-by-step experiment building interface
- Complex scanning sequences involving multiple gratings
- Multiple detectors control and data display
- Post-acquisition mathematical data processing



SDK

Software Development Kit

A software development kit that allows you to control range of detectors from your own application. Available as 32 and 64 bits libraries for windows(XP, Win 7/8/10). Compatible with C/C++, LabVIEW etc.

The SDK provides a suite of functions that allow you to configure the data acquisition process in a number of different ways. There are also functions to control the shutter operations etc. The SDK will automatically handle its own internal memory requirements .