



BioLight Studio

Updating from FL WinLab 4.0x

BL Studio is compatible with old FL Winlab data, so you could, for example, program your existing correction data into the calculation process to correct newly measured spectra. Or check your new results against old 'Gold Standard' results.

BL Studio is easier to use, but introduces some **new** features:

- ⇒ The complicated Expert/GLP modes have been removed. Now, every method contains a graphical instrument setup section. This means that every single instrument parameter will be applied to newly acquired data. An existing dataset can be reloaded and re-run, guaranteeing that new data will be collected with *exactly* the same parameters as the old data.
- ⇒ The instrument can be manually controlled via the Manual Control page of the Acquisition program: This also provides a real-time data display, and makes alignment of accessories and samples much easier.
- ⇒ Samples are defined in a table structure. All of the data for all samples are saved in a single file, making data management much easier. Data can be easily exported to a spreadsheet program.
- ⇒ Sampling accessories such as the Plate Reader and Autosampler are fully integrated into the system, allowing the user, for example, to collect 3D EEM spectra from each autosampler tube or collect spectral data from each well of a microplate.
- ⇒ A programmable calculator is included in the system. This allows the user to define multi-step calculations which are carried out for every sample in the sample table. Fully automatically, *within* the method. Automatic blank subtraction, automated correction or data extraction; automated calculation of slope fits from kinetic data, and much more: The new BL Studio is now much more powerful but much easier to use.
- ⇒ Fully automated concentration measurements can be performed using any sampling accessory.
- ⇒ An intuitive, easy to use Presentation module can be used to automatically generate sophisticated reports.
- ⇒ A protocol function provides improved traceability of results.
- ⇒ The peltier and autosampler accessories are integrated seamlessly

To keep the user interface lean, some functionality of FL Winlab has not been implemented in the basic version of BL Studio. However, due to the modular structure of BL Studio, many of these functions can easily be implemented as add-ons, on demand. Some add-ons are already available (these are quoted in brackets) The following functions are not yet implemented:

- ⇒ FL Winlab Read: Autoconc function, continuous measurements
- ⇒ FL Winlab Timedrive timed events function
- ⇒ FL Winlab WPR: Multiple measurement points
- ⇒ FL Winlab Ratio Data Collection
- ⇒ FL Winlab ICBC Calculation
- ⇒ FL Winlab TLC Scan
- ⇒ Accessories: Fast ratio measurements with Fast Filter are not supported