



Installation Guide

Acquire and Acquire Lite, version 1.03

Introduction and requirements

This software operates in the Windows[®] 95, 98, 2000, NT and XP environments and comprises a number of application modules, listed below:

Full name	Module name	Abbreviation	Folder Name
Wavelength Scanning	SCAN	WS	Wavescan
Reaction Kinetics	KIN	RK	Kinetics
Quantification	QUANT	QA	Quantity
Time Drive	TIME	TD	Tdrive
Multi Wavelength	MULTI	MW	Multi

- For optimum performance, a PC or laptop running Microsoft Windows 95, 98, 2000, NT or XP is required. Contact your supplier for further information.
- A serial interface cable is required to connect the spectrophotometer to the PC (part number 80-2105-97 or 80-2109-02 depending on the instrument). If your PC has USB ports only, an appropriate USB to serial converter will be required in addition to the serial cable.
- Users working within the requirements of the European, British, Japanese or United States Pharmacopoeia may have to provide installation details as part of their in-house procedures. This document can be signed and dated on relevant pages and then filed appropriately, if required.

- Document filed: Signed: _____ Date _____

Installation of software

- The full software takes up approximately 10 M Bytes of disk space when installed. Proceed as follows to install the software:
 1. Place disk into the CD-ROM drive of the PC: it will auto install
 2. Press Next on the Welcome dialog box
 3. Press Next on the Welcome dialog box
 4. The default folder (directory) is C:\ PROGRAM FILES ****. To change this use Browse, otherwise press Next
 5. Select Typical on the Setup page. Press Next.
 6. Follow the instructions as they are presented
 7. Select the language (only English is available). Press OK.
 8. Enter your company name, address and instrument serial number in the registration box.
 9. Select instrument type so that the correct driver is loaded.
 10. Launch the Instrument Control Panel (Start > Programs > **** > Instrument Control) and press “tick” on the toolbar. When the system has initialised, the display will turn red and the accessory that is loaded in the instrument will be identified.
 11. Change the wavelength (Command > Wavelength).
 12. Insert a sample to see that there is a change in absorbance.

Windows NT – enabling other users to have access

The software installs into Windows NT with information going automatically into the installer’s area, thus only the installer can use it. To enable other users to have access, contact your System Administrator to do the following using Windows NT Explorer:

1. Move the folder from Installer’s Start menu to All Users Start menu:
From: Winnt\Profiles\”installer”\Start Menu\Programs\folder
To: Winnt\Profile\All Users\Start Menu\Programs\
2. Enable Permission so that Everyone has the rights to use it:
Go to: Winnt\Profile\All Users\Programs\folder
And Right mouse click, then Properties>Security>Permissions>Add >Highlight “All Users”>Add>OK

Windows 2000 and XP - enabling other users to have access

The software uses the Registry to store both its User and System settings. User settings are stored under HKEY_CURRENT_USER and System settings are stored under HKEY_LOCAL_MACHINE. However, on secure systems, such as Windows 2000 and XP, access to HKEY_LOCAL_MACHINE is restricted, normally to administrators only.

If it is required that the users on a system have restricted access, i.e. they are only allocated User or Power User access, then it is possible to enable the specific areas of the Registry for the users. Contact your administrator to do the following to the registry:

- With Administrator privileges, run the program REGEDT32.EXE. This is normally found in the WinNT\System32 directory. Select the window titled HKEY_LOCAL_MACHINE and browse to the Biochrom directory. Select the software to be enabled and then select the Security>Permissions item from the main menu.
 - If specific users are to be given access to the software, then add their user names to the list of names, otherwise select the user level to be given access, i.e. Power User, User etc. For each user or group of users, ensure that both options Read and Full Control are enabled. Select OK, to accept the changes and close the REGEDT32 program and the selected users should now have the required access rights to run the Biochrom software.
- Communications established: Signed: _____ Date _____

Verification that installation of software has been successful

- The following folders are installed in the main PROGRAM FILES folder for the software. You can verify that the installation has been successful by checking the *.exe file sizes using the Windows Explorer facility:

Instment	Instrument Control Panel	bsw1I.exe	should be	160 KB
Wavescan	Wavelength Scanning Application	bsw1ws.exe	should be	372 KB
Kinetics	Reaction Kinetics Application	bsw1rk.exe	should be	512 KB
Tdrive	Time Drive Application	bsw1td.exe	should be	352 KB
Quantity	Quantification Application	bsw1qa.exe	should be	372 KB
Multi	Multiple Wavelength Application	bsw1mw.exe	should be	336 KB

- Check that the stored methods and data have all been correctly installed in the relevant directories by going File > Open for each module:

SCAN

Holmium.filter.WSD Scan of holmium filter, 405 nm / minute and 0.1 nm data intervals

KIN

Sephadex.RKD Data for settling of sephadex beads in water

Goxid1.RKD Data for glucose oxidase assay

Methyl.RKQ Michaelis Menten data for the hydrolysis of methyl hydrocinnamate by chymotrypin

QUANT

Greendye.QAD Data from a standard curve experiment using green food dye solutions

Subconc.QAD Data from a substrate concentration experiment using green food dye solutions

TIME

Flow22.TDD Data for the chromatography of amino acids

MULTI

Pt3net.MWM Stored method for 3 point net experiment

- Installation was successful: Signed: _____ Date _____

Use of software - helpful hints

- **Launch**

Use the Main Toolbar to launch applications. After installation, shut down the computer (Start > Shut Down... > Restart the computer?), and the toolbar will appear; it can be positioned (docked) to any edge of the display.

- **File extensions**

Set up Windows 95 so that file extensions are displayed to help distinguish between the file types (Parameters, Data, Method etc.) which the software uses. This is done by:
Start > My Computer > View > Options... > View
Toggle OFF the "Hide MS-DOS file extensions for file types that are registered".

- **Help**

On line, context sensitive help is available either by pressing F1 or by using the Help icon after selecting the menu item or calling up the required dialogue box. A Help Index is also available.

- **Use with a laptop**

If using a laptop computer, ensure that the Power Management System is set to Off (or never); this facility is found in the computer set-up.

- **Printer drivers**

Ensure that you have the most recent printer driver available for your printer installed on your PC. This can usually be downloaded free of charge from the printer manufacturer's web page.

- **Export to Excel**

Note the following useful points when creating a graph using Windows 97:

- Select XY Scatter
- To change range of x-axis, double click on it, select Scale and enter the Minimum and Maximum as required
- To change the graph background colour from grey, double click on it and set Pattern Area to None.

- **Use of software - outline**

The ethos of the software is running experiments as simply as possible. The following Flow Chart shows how simple but powerful the software may be; the short cut route is shown as dotted lines:

