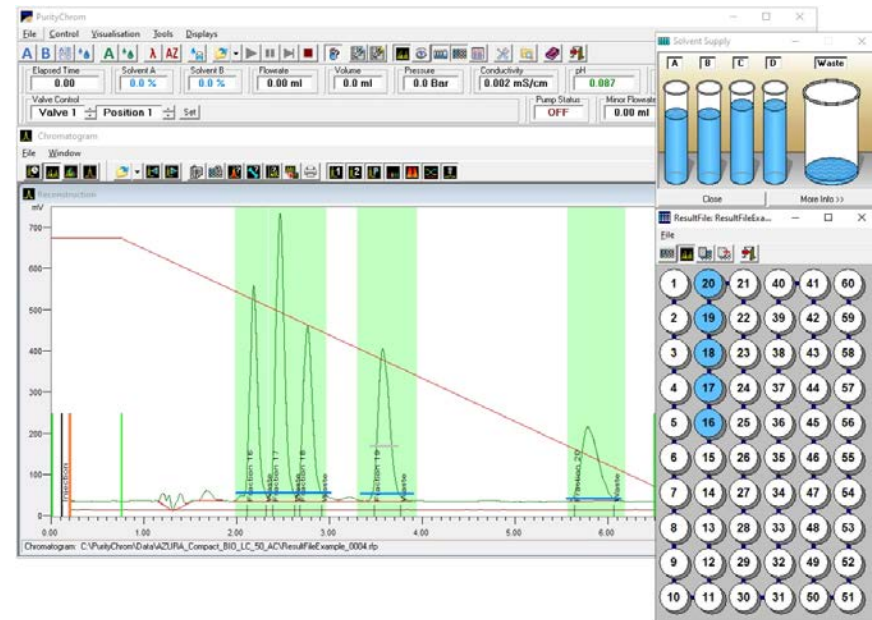# PurityChrom chromatography software

PurityChrom® is a preparative chromatography software especially designed for the area of bio purification and FPLC. It includes intuitive data evaluation with peak recognition and integration.

Due to its high flexibility, methods can be developed according to specific demands. Although pre-set for volume-based operation, you have the freedom of creating methods also based on coloumn volume or time. There is also a possibility to pause a method during the run, providing you with complete control over your chromatography process. For fractionation, PurityChrom offers advanced options including logical combinations of detection criteria. Fractionation can be carried out using a fractionation valve as well as a fraction collector.

PurityChrom® supports the modular concept of KNAUER AZURA and thus comes as an expandable solution. Check the different product options.
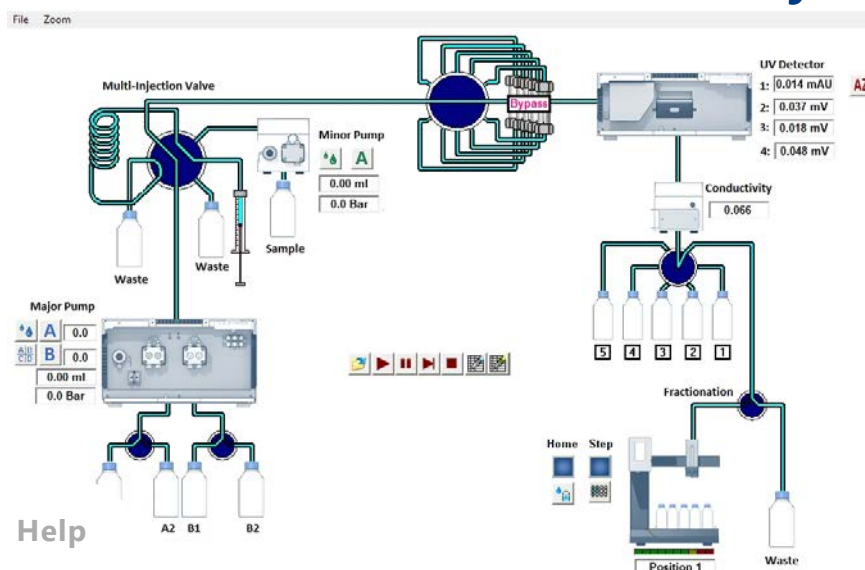
Help

<div style="border: 1px solid;">

Request info or quote

</div>

Free Demo version of PurityChrom®

To evaluate if PurityChrom® holds up to your expectations, you can download the free PurityChrom® demo version. Perfect for those who'd like to try before they buy.

Free demo

Control your purification

PurityChrom is a powerful software to control your FPLC system. Get familiar with PurityChrom in shortest time and with no effort due to the intuitive and clearly structured user interface. Choose a time–or (coloumn) volume based workflow by just clicking one button. Create methods with highest flexibility to realize complex application without losing easy handling. Offline licenses for creating methods and data evaluation are for free.

System Visualisation

Keep an eye on your system with the system visualisation. The interactive flow path allows the manual control of your

system: Switch valves, start/stop pumps, set autozero, start/stop fraction collection and much more.

Contact us

Features of PurityChrom®

PurityChrom offers a variety of features to organize an optimized purification. Furthermore, the usage of this features can be adopted to your FPLC system.

Hold & Adjust a running method

You have full control of your run. Hold a run to adjust the system. Stay always in control and change the parameters of a running method online in the meantime.

Extended threshold functions

The threshold function enables not only the monitoring of the detection channel, but also of the pressure channel and eventbox or gameport inputs. Any software function can be automatically triggered by these signals. Accordingly, start your fraction collection at the beginning of your desired peak, protect the system from overpressure and air bubbles or use the threshold options to automate the whole purification by initializing automatic restart of a method after peak

Help

Purity Check via diode array full spectra (DAD)

Check the purity of your peaks based on the absorbance spectra anywhere in the elution profile.
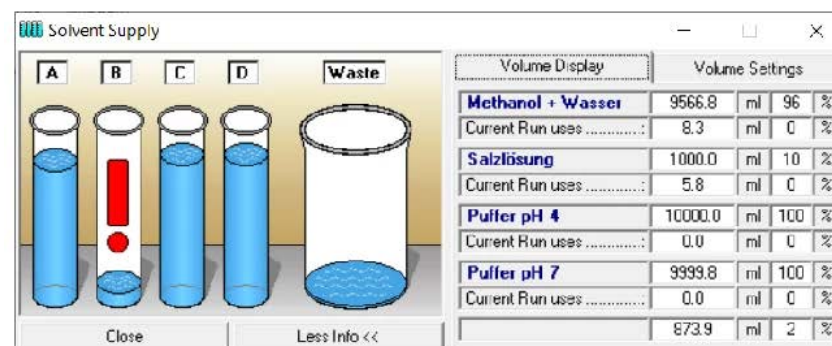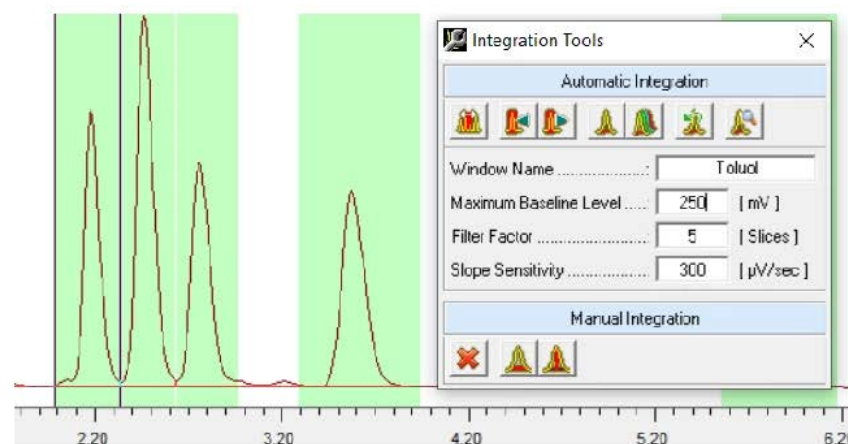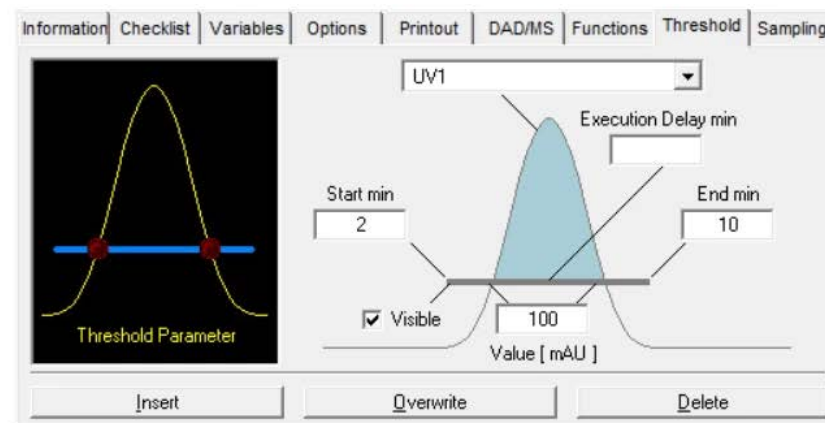
Intuitive data analysis

Integrate peaks fully automatically or manually. Receive the peak results by click on one button. Export chromatogram data easily as csv file via one click.

Solvent Supply – Monitor the consumption of buffers

The solvent supply function calculates the consumption of buffers and the waste level for the current run, thus preventing the column from running dry or the lab from flooding.
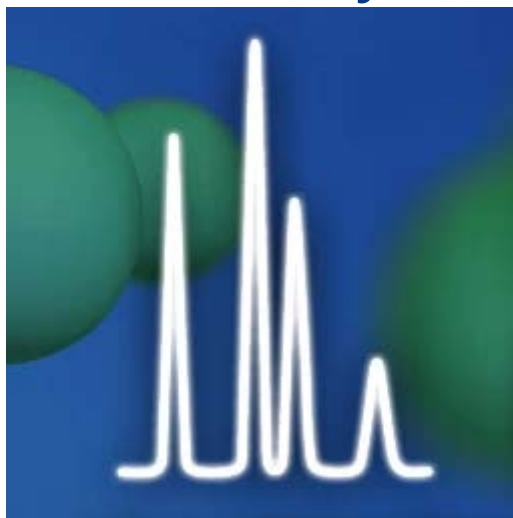
Peak recycling – Elongate your column

With this functionality, you can easily select a critically eluting peak pair, re-inject it several times onto your column, and gain an optimized separation.

Help

PurityChrom® tutorials

Get an impression of the look-and-feel of PurityChrom. In our short video tutorials you can see how to start the software, set up your system, or write a method.

Tutorials

LICENSES

Help

PurityChrom®
Basic

PurityChrom®
DAD Option

PurityChrom®
MS Option

Basic

Basic License
for one system

PurityChrom® 5 Upgrade

Extends the Basic
License to an unlimited
number of controllable
devices and 8 data
channels, adds
autosampler and stacked
injections support

DAD Option

Option for a
diode-array
detector (DAD)

MS Option

Mass
spectrometry
(MS) option for
supporting the
mass
spectrometer
4000 MiD®

> **Read more**

> **Read more**

> **Read more**

> **Read more**

MORE INFORMATION AVAILABLE FOR DOWNLOAD

PurityChrom and PurityChrom MCC Plus Software Instructions (V2650)

English

Help

PurityChrom und PurityChrom MCC PLus Software-Anleitung (V2650)

Manual   German

PurityChrom Installation Information 5.9.149 (V2655A)

Manual   English

Help