

Технические характеристики

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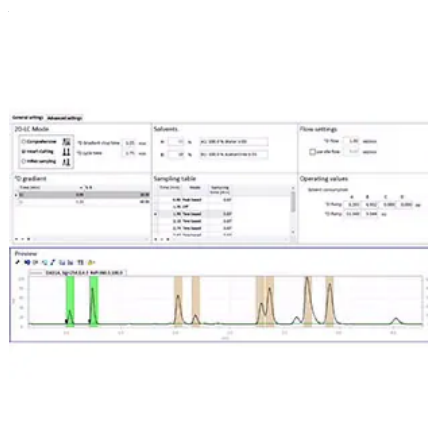
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2D-LC Software

As a part of Agilent InfinityLab 2D-LC Solutions, this software allows you to run 2D-LC measurements for heart-cutting including high-resolution sampling or comprehensive 2D-LC. 2D-LC helps you increase resolution for coeluting compounds, or complex samples or sample matrices.

This software makes 2D-LC easy to use: start with your 1D separation and increase resolution by choosing spots of interest for increased resolution or by re-analyzing your complete sample with different separation conditions in a single run. Analyze multidimensional data qualitatively or quantitatively - easily yet powerfully. Use 2D-LC/MS data for the most extensive information about your samples.



Features

- Set up 2D-LC methods with a few mouse clicks using a graphical 2D-LC preview. Optionally start with a previously acquired 1D chromatogram, select spots or ranges of interest, and draw a 2D gradient
- Analyze 2D-LC data by simple navigation through first- and linked second-dimension chromatograms. Get all the information you need from your sample as qualitative results including spectral data or reproducible quantitative results
- Agilent 2D-LC instrument control is fully automated and eliminates the need for tedious manual valve programming. Separation in the first and second dimension are completely independent by using Agilent multiple heart-cutting valves for highest storage capacity and fast and parallel analysis
- Shifted gradients, which can be edited graphically or numerically, maximize the available 2D separation space for highest peak capacity and fastest analysis
- Use time-based peak parking for known samples and peak-based parking for unknown samples or in case of variable first dimension retention times
- Use dedicated flush gradients for fast analysis and minimum carryover
- Use Agilent active solvent modulation in your methods for improving to improve second dimension resolution and sensitivity by diluting strong first dimension solvents
- Report your two-dimensional data
- Get GC Image LC x LC Edition Software for UV and single quadrupole or (Q-)TOF and QQQ detection from Agilent. Visualize your 2D data and use highly sophisticated data analysis for comprehensive 2D-LC data including qualitative and quantitative results and statistical analysis
- Get dedicated 2D-LC software training and services for highest productivity in your lab

Automated Purification Software

Automated Purification Software facilitates automated gradient transfer and scale-up from analytical to preparative-scale methods. Cover the full purification workflow of analytical scouting runs, target compound identification, gradient scale-up, purification runs, and purification data analysis with this easy-to-use software add-on for Agilent OpenLab CDS ChemStation edition.

Automated Purification Software calculates focused purification gradients based on scientific algorithms for each target compound individually on-the-fly, providing a virtually unlimited pool of purification methods for compound separation. Upgrade your purification system to full automation by simply adding a single quadrupole mass selective detector for target compound identification.



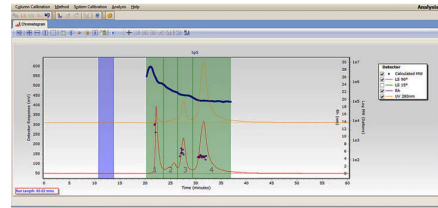
Features

- Automated scale-up from analytical to preparative conditions based on scientific algorithms eliminates the need for time-consuming method development sessions
- Single software for analytical to preparative upscaling workflows shows all the relevant data at a glance from analytical results to collected fractions
- Tailored focused gradient generation on-the-fly offers ideal conditions for purification of each target compound
- Minimum of single analytical and preparative base methods decreases the effort required for method maintenance
- Calculation of virtually unlimited purification gradients offers optimum purity for each target compound
- Automated gradient runtime optimization increases daily sample throughput and decreases solvent consumption
- Two levels of operation for expert and operator users allow easy entry for lab staff into purification workflows and minimize training time
- Flow rate optimization during scale-up from analytical to preparative gradients offers highest purification gradient performance
- Support of both UV and mass-based purification systems for seamless integration into any purification lab

Bio-SEC Software RUO

Agilent Bio-SEC Software is an excellent tool for complete protein characterization. It brings together all system components into a single software package. The full system integration provides seamless operation and connectivity for optimized high system uptime. All parameters and functionality are easily accessed for at-a-glance system checking, and full control is quickly and easily achievable.

Once the data has been acquired, the software will calculate molar mass, size (hydrodynamic radius), concentration, and percent recovery. The sample homogeneity is displayed along with the ratios of monomer, dimer, and trimer, depending on composition.



Features

- Open-to-all access, with workflow-focused software that delivers both routine and expert functionality
- Accurate, reproducible results through intuitive wizards that take the guesswork out of drawing baselines and setting integration limits
- Comprehensive compositional reports, including molecular weights, hydrodynamic radius, concentration, composition, recovery, and much more
- Monitor sample-to-sample variations to see subtle variations in molecular weights, sizes, and composition between different samples
- Degree of Aggregation – monitor multimers and aggregates
- Expert mode – Experienced users can probe and investigate further at any stage of the calculations and generate unique data and reports
- Integrated Instrument control and data collection – RC.net interface technology utilized by OpenLAB CDS ChemStation, ensures a robust, reliable system with a familiar user interface
- Designed to control and analyze data from the Agilent 1260 Infinity II Bio-inert LC with the 1260 Infinity II Multi-Detector Bio-SEC Solution

Buffer Advisor Software

Buffer Advisor software is an independent utility software to simplify ion-exchange chromatography workflows and to support design of experiments (DoE).

Buffer Advisor software provides a fast and easy way to create pH and salt gradients. It eliminates the tedious and error-prone method development steps of buffer preparation, buffer blending, and pH scouting, thus significantly reducing the time required for buffer preparation.

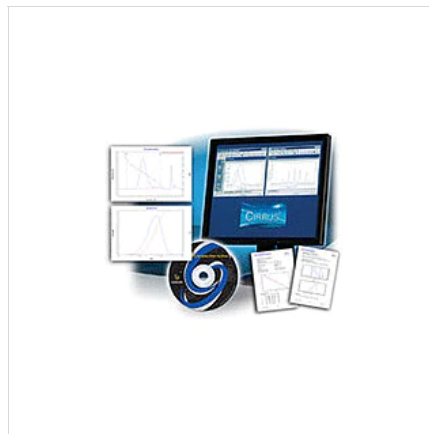
| Features

- Calculates pump timetables for ion-exchange chromatography, providing a fast and simple way to create salt and pH gradients
 - Facilitates dynamic mixing of solvents from four stock solutions, simplifying your bio-analysis workflow and significantly reducing the time required for buffer preparation
 - Suggests the most suitable stock solutions and provides recipes, reducing error-prone tasks
 - Provides the option to include user-defined buffers for even more flexibility
-

Cirrus GPC Software

Agilent Cirrus GPC software is an easy-to-install add-on for OpenLAB CDS ChemStation Edition, allowing you to perform GPC/SEC calculations on data acquired with this chromatography data system. It can be used to process data from a single-channel concentration detector, such as a refractive index detector that is typical for polymer analysis, or data from a UV detector.

Cirrus GPC software supports conventional GPC and requires a calibration curve to be generated using narrow distribution polymer standards. The software does not support light scattering or viscometry calculations.



| Features

- Intuitive and easy to learn and use, ensuring you get up to speed fast
- Capture, analyze, and process data from molecular-weight sensitive detectors, concentration detector combinations, and independent GPC systems
- Get maximum flexibility, with HPLC and GPC applications on the same system
- Collect and analyze data at the same time by assigning specific PCs for data collection while using offline workstations to access and process data remotely
- Consolidate processing methods by locating all processing methods, calibrations, chromatogram data, and results in one folder for convenient storage and retrieval
- Reduce time and potential errors with Cirrus workbook templates that allow you to pre-define all essential parameters
- Report results in the style you require, define the content, layout, and format of the items in a report template, and select lists to ensure only the relevant parameters are available to you
- Adapt to your lab environment by configuring Cirrus to address the requirements of both routine QC and R&D applications
- Scale up and expand with capability to run Cirrus on a single, standalone PC or as part of a larger client-server chromatography solution.

Application Specific Software

GPC/SEC Software

Agilent offers the most comprehensive portfolio of high-quality solutions for gel permeation and size exclusion chromatography. Agilent GPC/SEC software provides all the functionality required for conventional and advanced analysis within one simple yet powerful package. The software can be easily upgraded to support light scattering and viscometry detectors to complete the ultimate powerful tool for polymer characterization.



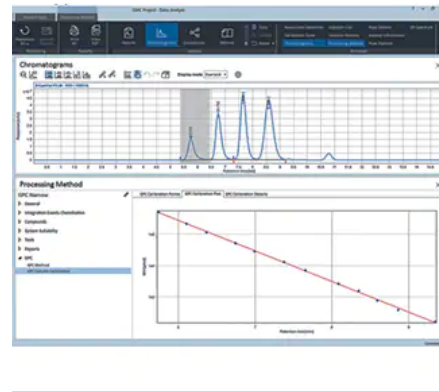
Features

- Ease-of-use workflow provides the fastest, easiest way to characterize even the most complex polymers with everything required for GPC/SEC analyses in a single package
- Highly customizable user interface allows you to define the look and feel of the software according to your requirements
- Single solution lets you control the system, collect data, calculate results, and comprehensively report the data
- Instrument control incorporates a common platform for a wide variety of instrumentation
- Upgrade and evolve by adding the multi-detector upgrade and perform advanced light scattering and viscometry calculations without altering the user interaction
- Comprehensive data reviewer enables quick and easy visual comparison of multiple sample data
- GPC/SEC software controls the 1260 Infinity II GPC/SEC system, the 1260 Infinity Multi-Detector GPC/SEC system, the 1260 Infinity II High Temperature GPC/SEC system, and the 1290 Infinity II GPC/SEC system

Application Specific Software

GPC/SEC Software for OpenLab CDS

This software is an easy-to-install add-on for OpenLAB CDS, allowing you to perform application-specific calibrations and calculations on data acquired with OpenLAB CDS. GPC/SEC software for OpenLAB CDS is compatible with both workstations and network-based solutions. Fully integrated into the OpenLAB CDS platform, HPLC and GPC calculations can be performed on the same data files. The software supports narrow standard, broad standard, and universal calibrations.



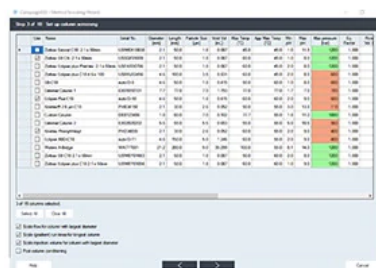
Features

- Modern platform adds GPC/SEC calculations to OpenLAB CDS data analysis
- Processes any concentration detector signal collected or imported into OpenLAB CDS
- Complete features include common workflows, processing options, data storage, reporting, compliance, and scalability
- Supports all three standard configurations: standalone workstation, workstation with content management, or client-server solution
- Flexible calibration offers narrow standard, broad standard, and universal calibration options
- Performs both HPLC and GPC calculations on the same data file
- Supports any number of GPC systems within a client-server solution

Method Scouting Wizard

Agilent Method Scouting Wizard is an easy-to-use but highly effective method development software tool for finding optimum LC separation conditions with less effort. This method scouting add-on for Agilent OpenLab CDs ChemStation Edition can significantly reduce time spent on manual scanning of different LC parameters such as mobile phases and columns.

Within minutes, Method Scouting Wizard creates an LC sequence from user-selected parameters, automatically including flushing and equilibration runs. Method Scouting Wizard also helps filter the achieved results based on user criteria to present the most suitable methods for comparison.



Method Scouting Wizard – Column selection

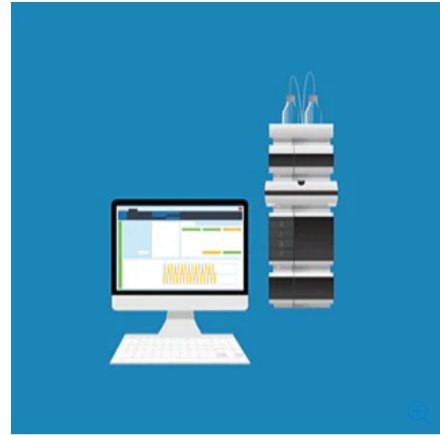
Features

- Automate your method scouting workflow - reduce time for finding optimum separation conditions
- Easy and intuitive set-up of personalized screening campaigns - suitable tool also for beginners in LC method development
- Automated sequence creation including flush, transition and equilibration runs - avoid tedious and error-prone manual set-up of complex scouting campaigns
- Calculates optimized sequence run time and solvent consumption - save time and money
- Full support of intelligent system emulation technology (ISET) - allows efficient method transfer
- Review and filter the results - Easy Method Filter provides power to find optimum conditions from all scouting runs at a glance

Instrument Control Software

Instrument Control Framework for LC

The Agilent open-systems approach to laboratory informatics allows our customers to select the best hardware and software to meet their needs. The instrument control program consists of two components to enable multivendor control in chromatography data systems (CDS). Instrument control framework (ICF) and RapidControl.Net (RC.Net) standardize how chromatography data systems (CDS) interact with analytical instruments.



| Features

- Delivers comprehensive user interfaces that seamlessly incorporate most instrument features
 - Supports a variety of non-Agilent chromatography data systems
 - Supports a variety of Agilent LC/CE modules
 - Enables access to Agilent LC/CE instrument features such as instrument configuration, method editing, and instrument status
-

Instrument Control Software

Intelligent System Emulation Technology

The unique Agilent Intelligent System Emulation Technology (ISET) makes use of both dwell volume and pump specific characteristics, allowing you to perform legacy HPLC methods on UHPLC instruments, and to develop robust chromatography methods for a range of different (U)HPLC instruments.

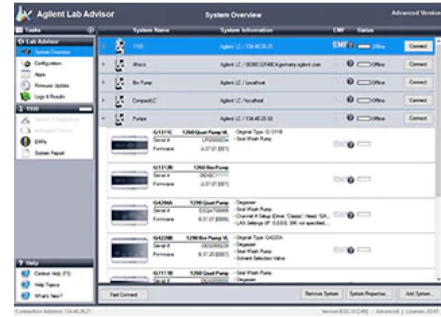


| Features

- Emulate other (U)HPLC instruments by a simple mouse click
- Run existing (U)HPLC methods without modifying the method or system
- Deliver equivalent retention times and peak resolution for better method transfer

Lab Advisor Software

Lab Advisor software can be installed on any chromatography data system (CDS) and comprises comprehensive tools for calibration, diagnosis, and maintenance of Agilent CE, HPLC, and UHPLC instruments. The basic version of Lab Advisor includes instrument tests for daily use as well as general calibration and maintenance procedures. The advanced version offers additional features such as traceability, user assignment, data sharing, data reviewing, enhanced early maintenance feedback (EMF), and extended instrument control and signal recording for expert troubleshooting.



Features

- Access and configure your instruments instantly - through USB-based one-click Fast Connect feature
- Access system information online or offline - data sharing, export, and review functions provide easy access to multiple instrument configurations, logs, statuses, and test data
- Allocate actions and result generation to specific individuals - trace and report user actions, logs, and tests with date and time stamps
- Save time and respond rapidly through one-click access to all your familiar instrument test, tools, and calibration functions
- Minimize your software footprint - Lab Advisor coexists with any regular office and lab software
- Be proactive - graphical display of early maintenance feedback (EMF) helps you avoid problems and unexpected downtime
- Expand your Lab Advisor - apply add-ons from the inbuild market

LC & CE Firmware

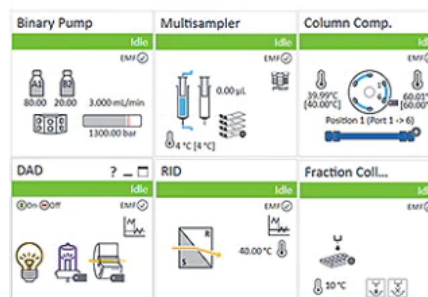
Agilent LC & CE firmware provides the most basic layer of instrument control for your Agilent LC & CE instrument. Use the LC & CE firmware to get instant access to information about new releases of HPLC firmware, to download new firmware packages, to get information about current issues, and to defect fixes.

| Features

- Provides basic functionality of Agilent liquid chromatography and capillary electrophoresis instruments
 - Keeps you informed about updates to Agilent LC & CE firmware
 - Offers the most recent LC & CE firmware for download to unlock new functionality and ensure compatibility with the latest LC & CE instrument drivers
-

LC & CE Instrument Drivers

Agilent LC and CE drivers are used to configure and control liquid chromatography and capillary electrophoresis instruments. They are used to set up methods for LC and CE measurements, monitor the instrument status, and provide an interface to chromatographic data systems (CDS).



Features

- Basic interface software for chromatographic data systems (CDS) to control Agilent LC and CE instruments
- Set up LC and CE instrument configurations by automatically detecting system components
- Directly control instruments (e.g., for switching modules on and off, purging modules, switching valves from within your CDS)
- Set up method parameters such as pump flow rates, solvent gradients, or sample injection volumes to acquire LC and CE measurement data reliably
- Monitor the current instrument status in the dashboard, such as system pressure or solvent bottle fillings
- Monitor and acquire instrument data during runs and sequences for later data analysis in your preferred (CDS)

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