Agilent OpenLAB Chromatography Data System

THE FUTURE IS HERE,
AND WE DESIGNED IT FOR YOUR LAB
NEW, ADVANCED SOFTWARE, DESIGNED WITH YOUR LAB IN MIND

As the leading provider of GC instruments for more than 30 years and the manufacturer of best-in class LC instruments, we’ve seen how labs have changed. We understand what it takes to maintain successful operations in chemical and petrochemical labs. We also recognize the challenges that you face: Staffing. Budget management. The pressure to deliver more results in less time, without sacrificing accuracy.
WHEN THE TIME IS RIGHT, THINK OPENLAB CDS

We’ve heard you. In fact, feedback from labs like yours drove the development of the latest OpenLAB Chromatography Data System (CDS), software you can continue to count on to get the most out of your Agilent analytical instruments, fostering productive and efficient operations for years to come.

Easy to learn, easy to use
An intuitive, groundbreaking interface shows users only the controls they need, when they need them. This interface, combined with on-demand learning tools, makes it simple for even your newest employees to get up to speed—minimizing the time and cost associated with training.

One lab, one software system
OpenLAB CDS provides access to and control of the instruments most commonly used in a production environment. That includes Agilent and third-party chromatographs and Agilent single-quadrupole mass spectrometers. With less time spent training staff on different software products, your lab can be more productive.

What scientists are saying
“We are able to generate vast amounts of data using higher-order data processing techniques that allows us to better analyze the data and extract pertinent information.”
ELIMINATE ERRORS, IMPROVE SPEED-TO-RESULTS

Not only can you get more done in a day, you can do it more accurately. Extensive built-in calculations provide results directly in data analysis, without the need to generate a full report. When you want that report, OpenLAB CDS keeps key data within the system—so you can eliminate errors caused by data export or manual transcription even as you accelerate output. Quickly capture artifacts such as missing or additional peaks, retention time shifts, or integration problems. And new tools such as Peak Explorer enable you to gain insight into your data faster by providing a simple, visual view of outliers and artifacts.
FOCUS ON THE SCIENCE, NOT THE I.T.

View your work in the context of the sample, instead of the instrument. Devote your valuable time to science and leave IT tasks to the professionals, confident that data backup and data security for every instrument in the lab are handled properly and automatically.

**Save time by centralizing operations**

In a client/server environment, you can quickly check instrument status, see what samples are being run, and share information throughout the lab and around the world—all without leaving your desk.

**Simplify integration, increase certainty**

When you’re faced with the task of manual integration, OpenLAB CDS eases the pain. It eliminates guesswork, and wasted time, with a patented manual integration wheel that presents only the most appropriate functions at any point in your chromatogram.

OpenLAB CDS scales to meet your needs, supporting the largest distributed network laboratory environments as well as individual workstations.
THREE POWERFUL ELEMENTS THAT SET AGILENT OPENLAB CDS APART

1. **PEAK EXPLORER**
   Accelerate data processing
   State-of-the-art data analysis speeds processing and review of large data sets so you can identify artifacts instantly within thousands of peaks and compounds, and quickly integrate peaks with a single click.

2. **REPORTING**
   Focus on what’s important
   Now you can gather and present key data in a neat, easy-to-read package. Templates, intuitive drag-and-drop report creation, and extensive custom calculation capabilities make generating even complex reports faster and easier.

3. **USER EXPERIENCE**
   Improve the learning curve
   An innovative and consistent user interface makes it easy for new users to get up to speed quickly and learn as they go. Interactive on-demand tutorials guide them through each step of a specific task or process.

STREAMLINE MIGRATION

Smooother migration, minimal downtime, lower costs

Everything about OpenLAB CDS has been planned around the needs of chemical and petrochemical labs, from your everyday workflows to your unique training needs.

The result is unmatched chromatography data system software that allows you to capture, analyze, and share accurate data more quickly, with increased confidence.

Just as important, we can make your transition from ChemStation or EZChrom easier than you ever imagined. Our experienced team will work with you to implement this enhanced workflow with as little downtime or disruption as possible, and uphold customer service levels during any transition.

Which means the idea of migrating suddenly doesn’t seem so bad. And the time to do it just might be sooner than you thought.
UNFOLD THE FUTURE WITH OPENLAB SOFTWARE

You’re in control with OpenLAB software. This integrated suite will help you capture, analyze, and share data in ways that add business value. And our knowledgeable Professional Services consultants are here to help you every step of the way, so you can start benefiting from this comprehensive software suite as quickly as possible.

CHROMATOGRAPHY DATA SYSTEM
- Control Agilent and non-Agilent instruments
- Speed data processing and reporting
- Monitor instruments using lab-at-a-glance views
- Streamline laboratory and IT processes

CONTENT MANAGEMENT
- Access data and information anytime, anywhere
- Secure files from the start of an experiment to its finish
- Support regulatory compliance efforts and manage intellectual property
- Reduce paper usage

ELECTRONIC LAB NOTEBOOK
- Capture laboratory results from multiple analytical systems
- Speed data search and retrieval with advanced query management
- Facilitate co-authorship and collaboration
- Safeguard intellectual property and maintain record traceability