The Chromleon® 7 Chromatography Data System delivers rich, intelligent functionality with Operational Simplicity™. Everything you need is within easy reach, whether you have only a single workstation or on an enterprise-scaled installation. The intuitive, easy-to-navigate user interface guides you effectively towards your goals. Innovative eWorkflows enable anyone to start chromatographic analyses and get good results with just a few clicks. Powerful data analysis tools ensure that any required data manipulation can be done efficiently and accurately. Chromeleon 7 gets you from samples to results quickly and easily—boosting your overall lab productivity.

**Discover Chromeleon 7**

**Go From Samples to Results Quickly and Easily**

**Automate**

Use eWorkflows to streamline your lab’s daily routines, whether they involve quality control, research, method development, or other applications of chromatography.

**Control**

Gain complete Instrument Control throughout the entire network for fully automated and documented analytical processes.

**Begin**

Take advantage of Operational Simplicity with the easy to understand Chromeleon software user interface.

**Analyze**

Get the Data Treatment you want in seconds, without tedious parameter tweaking.
Improve your productivity, increase accuracy, and train new users quickly. With its intelligent features and operational simplicity, Chromeleon 7 is *simply intelligent*.
Advantages of Operational Simplicity

Find Everything You Need Within Easy Reach

The Chromeleon 7 user interface combines intelligent functionality with operational simplicity. Features you need most often are kept within view, while specialized options are kept out of the way, yet easy to find. The Chromeleon Console’s category bars guide you to your area of interest, and give immediate access to instruments, data, and eWorkflows.

Thumbnail images give you an instant visual summary of your data.
Instantly access everything related to your sequence in the **Chromatography Studio**:

- Chromatograms
- Processing Parameters
- Calibration Plots
- Reports
- Spectral Libraries
- And more…

All functions are easily accessible. For instance, just drag the integration parameter lines…

… and the updated results are displayed immediately.
The Challenge: Every lab has its own procedures to get from samples to results. These procedures are constructed from a complex collection of protocols, documents, and references. Due to this complexity, preparing to run an analysis can be slow, tedious, and error-prone.

Solutions: The Chromeleon eWorkflow framework provides an easy way to automate all of your chromatography analyses. This eliminates unnecessary steps, speeds up the execution, and prevents errors.

Advantages: This revolutionary Chromeleon eWorkflow framework minimizes operator tasks between sample receipt and generation of the final result, dramatically boosting laboratory productivity.
Streamline Your Workflow

The eWorkflow creates the sequence, starts the run, and ensures that data are processed and reported correctly—minimizing user error and reducing review time.

Simply choose an **eWorkflow template**, enter the number of samples, and start your analysis.

The **eWorkflow** creates the sequence, starts the run, and ensures that data are processed and reported correctly—minimizing user error and reducing review time.
Gain Complete Control
Simplify Management of All Your Instruments and Data

Intuitive ePanels give you full control of instruments from Dionex and other manufacturers. Get immediate access to all main instrument functions (such as flow rate, temperature, detector settings), plus easy access to advanced features. Instrument control has never been easier!

All instruments are automatically displayed in the software and can be controlled from anywhere in your network. Simply click on the instrument you want to use, and start working with it.
Gain Complete Control

Intelligent database functionality provides immediate access to all data in your laboratory, across all laboratories on site, or even throughout your organization worldwide.

Intelligent **Network Failure Protection** based on the Chromeleon software’s secure XVault™ infrastructure keeps instruments running and data accessible for processing during network outages.

One central **Administration Console** accessible throughout your network provides all the tools needed to efficiently manage your Chromeleon domain, such as license and user management.
A major decision area in chromatography is **Peak Detection**. Where do the peaks really start and end, how should baselines be drawn, and which detection variables will give the desired integration?

The new **Cobra™ detection algorithm** reliably detects peak start and end times, and correctly assigns peak baselines without requiring you to enter a long list of detection parameters.
For the challenge of unresolved peaks, the unique **SmartPeaks™** integration assistant gives you the baselines you want quickly, easily, and intuitively. No training is required, so even novices can immediately integrate complex chromatograms appropriately and reproducibly.

Simply select a region of the chromatogram, and then choose the integration treatment you want.

The detection parameters are automatically created. SmartPeaks saves time and effort, and gets you quickly to your integration goals.
Ensure Compliance
Control and Manage Your Laboratory Operations

Control what users can access and change with comprehensive user management tools.

Validate software and hardware automatically.

Trace all actions performed in the software, quickly and easily, using Chromeleon's built-in Audit Trails.
Track changes with **Audit Trails** and Version Comparison tools, and easily revert to a prior version.

Implement an efficient, paperless approval process that fully complies with 21 CFR Part 11, using electronic reports with up to three levels of signatures.

Include versatile **System Suitability Tests** in your methods, to automatically ensure chromatography quality as your samples are analyzed.
Find and collate results quickly and easily using powerful data mining tools.

Use **queries** to quickly gather, display, and report related data, even from several independent sequences.
Take advantage of extensive 3D data analysis capabilities to confirm peak purity, positively identify compounds, and optimize methods.

Produce the reports you need—quickly and easily—using built-in spreadsheets.
Discover Chromeleon 7
Chromeleon 7 is the next-generation Chromatography Data System that adapts to your needs with its simplified user interface, innovative eWorkflows, powerful data mining and analysis tools, and unrivaled reporting capabilities.

Chromeleon 7 software is simply intelligent, from samples to results.

For more information or to place an order, call (800) 346-6390 within the U.S., or contact the Dionex Regional Office nearest you. Outside of the U.S., order through your local Dionex office or distributor.

Enjoy Industry-Leading Support
Dionex Customer Support Centers are located in the United States, Europe, and Asia. These state-of-the-art laboratories are equipped with the full line of Dionex LC instrumentation and software capabilities. Support Centers provide accessible locations for advanced training and enhanced application development capabilities. Users can attend these laboratories to learn new skills in addressing challenging applications, receive training and support, and discover new, innovative HPLC and IC solutions.

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