



*Chromeleon PA is part of a total solution offering for continuous process monitoring using ion chromatography and HPLC. Chromeleon PA, for the DX-800 Process Analyzer, is the latest generation of process analytical software from Dionex. This solution is based on Chromeleon 6 and incorporates a unique analyzer interface to expand the user's ability to configure, control, monitor, and report data from multiple IC or HPLC systems configured for continuous monitoring.*

### Power and Versatility

- Get accurate results when you need them to make critical decisions.
- Free more time for key personnel because manual sampling and sample handling are eliminated; labor resources are available for other tasks.
- Benefit from common software platforms for all systems by using Chromeleon in your laboratories and with on-line systems. Better leverage the training time and broaden the technical coverage.
- Increase productivity and improve profitability—for the group, department, and facility.

### What Chromeleon PA Can Do for You

Do you need more frequent results, but find manual sampling every 30 min ties up too much technician time? Do you need faster turnaround because reporting results once a shift or once a day is not enough? Perhaps you've found that precision or accuracy suffers with samples due to contamination through handling. Or handling the sample itself is a safety concern. Manually compiling and reviewing results can be time consuming and you need an automated method for data reporting. Chromeleon PA and the DX-800 Systems provide solutions to these problems. In addition, users of earlier PeakNet® PA software products can also benefit from upgrading to Chromeleon PA.



**Passion. Power. Productivity.**

## Why You Can't Do This with Laboratory Equipment

Laboratory systems need daily attention and data manipulation. Chromeleon PA is designed to keep your systems running 24 hours a day, 7 days a week, 365 days a year. The ability to run multiple systems in parallel or independently with automated validation capabilities, conditional responses to handle unexpected or out-of-specification results, reporting capabilities that allow thousands of data points to be monitored from anywhere, and chemistry that provides results and practical economy are all features unique to the process system from Dionex. Hardware and software are only part of the total solution. With over 20 years designing and supporting these systems, Dionex provides long-term customer confidence and experience.

## What to Expect from Chromeleon PA Capabilities

- Consistent user interface for on-line systems and laboratory systems—a huge savings in training costs
- Real-time display of instrument status and historical trending of results—all with user-definable parameters
- Support for 21CFR11 compliance; only Dionex offers this level of security and reliability
- Complete analyzer control for synchronized operation of multiple systems for sequential sample analysis
- Single-pass batch sequences or continuous sequencing, a feature unique to Chromeleon PA
- Notification of alarm conditions and conditional responses; a broad range of preconfigured and user-defined conditional responses to keep the systems running and generating meaningful results

- User-defined sequences for samples, calibration standards, validation samples, and sequences invoked as a result of conditional responses
- Support of remote monitoring and control of the analyzer
- Direct, manual control from software when desired
- RFIC-enabled DX-800 ensures that all analysis methods are easily transferred from existing laboratory methods
- Seamless data transfer to industrial information systems using either an optional OPC (OLE for Process Control) Server (for reporting and analyzer control) or text file exporting of user-defined reports

## Why You Should Upgrade from PeakNet PA

If you have PeakNet PA, you can upgrade to Chromeleon PA and have the same Chromeleon interface for your on-line systems and laboratory systems. This same interface results in a huge savings in training costs. The features available in PeakNet PA or Process-450 software (for the 8X00 Series) have been improved dramatically.

- Any module supported by Chromeleon 6 can be configured with a system. All existing DX-800s are supported and new systems are fully Reagent-Free™ IC (RFIC) enabled with ICS-2500 based modules.
- The full range of Chromeleon method capabilities—sample types, calibration modes, validation samples, wellness features, etc.—are supported.
- Independent system control is now possible, allowing a multisystem analyzer to continue regular operation while one or more systems are off-line for maintenance.

- Conditional responses are expanded and more user-configurable.
- Data and interface security are vastly improved, including support for 21CFR11 compliance.
- State-of-the-art external monitoring and control is provided through the OPC server/client driver.

## Additional Information

For more information, visit [www.dionex.com](http://www.dionex.com). From the Process Analytical section, you can download a brochure, user manuals, and key articles describing the DX-800 and Chromeleon PA. For more information, contact your Dionex representative, who can provide a portfolio of specifications and support information on these products and related applications.

## CHROMELEON PA PROCESS ANALYTICAL SOFTWARE SPECIFICATIONS

### System Description:

Chromatography data system for the DX-800 Process Analyzer enables instrument monitoring, data acquisition, processing, and reporting

### Number of DX-800 Analyzers Supported:

Up to four DX-LAN™ systems configured on up to four DX-800 analyzers

### Instrument Control:

Real-time bidirectional control through DX-LAN

### Minimum Hardware:

Dell Pentium® 4, 2 GHz, 512 MB RAM, 40 GB hard disk, 17-in. monitor

### Operating Platform:

Microsoft Windows® XP or 2000

### Network Compatibility:

Supports Windows NT® 4.0 compatible drivers

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