

A RELIABLE FOUNDATION  
FOR IC ANALYSIS



**THERMO SCIENTIFIC**  
**DIONEX AQUION IC SYSTEM**

**Thermo**  
SCIENTIFIC

# INTRODUCE YOUR LAB TO IC ANALYSIS WITH A SIMPLIFIED, EASY-TO-USE SYSTEM

The Thermo Scientific™ Dionex™ Aquion™ ion chromatography (IC) system provides reliable, simple ion analysis with straightforward operation. Built to maintain low operating costs, the Dionex Aquion IC system uses proven technologies to deliver results you can count on. It is a system designed to be easy to use, with fast startup times and stable performance. In addition, it is compatible with all Dionex suppressor technologies and column formats from 2 mm to 5 mm.





## FEATURES

### Standard features

- Dual-piston pump
- Thermostated digital conductivity cell
- Electrolytic suppression
- LED status panel
- Standard bore and microbore column support

### Available features

- Column heater
- In-line vacuum degas
- Thermo Scientific™ Dionex™ Chromeleon™ Chromatography Data System (CDS) software

# THE BUILDING BLOCKS OF IC ANALYSIS

## ELECTROLYTIC SUPPRESSION

The Dionex Aquion IC system supports all types of Dionex suppression technologies for standard bore and microbore column formats, including the MMS, SRS and AES electrolytic suppressors, eliminating manual regenerant preparation. Among the advantages of electrolytic suppression are fast startup times, superior sensitivity for both cation and anion analysis, reduced background conductivity and enhanced day-to-day consistency.

## CONDUCTIVITY DETECTION

The Dionex Aquion IC system is designed and optimized for applications using conductivity detection. The temperature-controlled, high-performance conductivity cell is unaffected by ambient temperature variations. In addition, digital control offers a wide dynamic range for detecting analytes with large concentration variations within the same sample.

## ADVANTAGES OF ELECTROLYTIC SUPPRESSION

Reduced background conductivity and lower detection limits

Fast startup times

Superior sensitivity for both cation and anion analysis



# SOFTWARE THAT GUIDES YOU FROM SAMPLES TO RESULTS

Chromeleon Chromatography Data System (CDS) software provides the most powerful control and data processing available for ion chromatography. The features of the Chromeleon CDS software make system control and setup fast and easy. Overall system and method consistency is accomplished with minimal effort using easy-to-follow screens and setup wizards.

## FEATURES

### Wellness Trending

Monitors and plots the condition of your system over time to ensure high performance and accurate diagnosis of potential service issues using the built-in Electronic Log Book

### eWorkflows

Automatically generate the injection list, loads the correct instrument conditions and applies the correct processing parameters

Chromatograms are immediately processed and results are instantly calculated

### Application Templates

Select the appropriate eluent conditions and flow rate based on column type

Guarantee system consistency and create application conditions proven to meet your laboratory requirements

### Calibration Wizard

Enables fast and easy method development and quantification through a wizard-based program



**CHROMELEON 7.2**  
*Simply Intelligent*

For more information or to place an order, contact the Thermo Scientific office nearest you or your local distributor.

### THE VALUE OF SUPPORT AND SERVICE

When you purchase any Thermo Scientific instrument, module or system, you get a partner, not just a piece of equipment. We provide access to a wide range of quality post-installation programs and assistance including expert customer training, comprehensive service agreements, validation and qualification services, application support, and timely, professional service by skilled, locally based representatives. Our service representatives are distributed around the world, but close to you, ready to provide professional assistance, whether you're a new customer or a longtime partner. Your success equals our success.

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[www.thermoscientific.com/chromatography](http://www.thermoscientific.com/chromatography)

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