

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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Africa +43 1 333 50 34 0	Denmark +45 70 23 62 60	Japan +81 6 6885 1213	Russia/CIS +43 1 333 50 34 0
Australia +61 3 9757 4300	Europe-Other +43 1 333 50 34 0	Korea +82 2 3420 8600	Singapore +65 6289 1190
Austria +43 810 282 206	Finland +358 10 3292 200	Latin America +1 561 688 8700	Sweden +46 8 556 468 00
Belgium +32 53 73 42 41	France +33 1 60 92 48 00	Middle East +43 1 333 50 34 0	Switzerland +41 61 716 77 00
Brazil +55 11 2730 3006	Germany +49 6103 408 1014	Netherlands +31 76 579 55 55	Taiwan +886 2 8751 6655
Canada +1 800 530 8447	India +91 22 6742 9494	New Zealand +64 9 980 6700	UK/Ireland +44 1442 233555
China 800 810 5118 (free call domestic) 400 650 5118	Italy +39 02 950 591	Norway +46 8 556 468 00	USA +1 800 532 4752