

## Thermo Fisher Scientific Launches Integrated Capillary High-Pressure Ion Chromatography System

Thermo Scientific Dionex ICS-4000 HPIC System Offers High Performance for Routine Analyses

### Dateline:

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ORLANDO--([BUSINESS WIRE](#))--Thermo Fisher Scientific Inc., the world leader in serving science, today announced the [Thermo Scientific Dionex ICS-4000](#), the world's first commercially available integrated capillary high-pressure ion chromatography (HPIC™) system, incorporating multiple detector options in one instrument. The new system is ideal for demanding 24/7 routine analyses, offering speed without compromising resolution in a compact, integrated instrument. The company will showcase the Dionex ICS-4000 in Thermo Scientific booth 2665 during Pittcon 2012, being held from March 11-15, in Orlando.

The sleek Dionex ICS-4000 capillary HPIC system conserves laboratory space, simplifies operation and enhances overall system performance. To maximize the compound information obtained in a single run, it integrates conductivity (CD), electrochemical (ED) and the new Thermo Scientific Dionex QD charge detectors.

The Dionex QD is a revolutionary new detector that offers enhanced sensitivity and linearity for weakly dissociated ions such as organic acids, amines and silicate – all compounds that are not easily detected using conductivity detection alone. In combination with suppressed conductivity detection, the Dionex QD offers peak purity information and peak identification.

“The Dionex ICS-4000 capillary HPIC system offers new levels of chromatographic speed, without compromising resolution, and 24/7 uptime,” said John Plohetski, vice president and general manager, IC/SP, Thermo Fisher. “With multiple detection choices available in an easy-to-use, dedicated system and a small footprint, it is the perfect choice for routine analyses in key industries such as environmental, food and beverage, pharmaceutical and biopharma.”

By requiring no start-up time, no equilibration and minimal calibration, the Dionex ICS-4000 is always ready for analysis. It is a Reagent-Free™ (RFIC™) system that uses deionized water to electrolytically generate high purity eluents. Designed to save time, labor and operating costs, capillary RFIC systems offer 24/7 instrument operation, eliminate errors associated with manual eluent preparation and consume remarkably little water – only 5.25 L per year.

The Dionex ICS-4000 offers full Thermo Scientific Dionex [Chromeleon](#) chromatography software to streamline a laboratory's path from samples to results.

For more information about the Thermo Scientific Dionex ICS-4000 capillary HPIC system, please visit Thermo Scientific booth 2665 at Pittcon 2012. Alternatively, please call (781) 933-4689, e-mail [analyze@thermofisher.com](mailto:analyze@thermofisher.com) or visit [www.thermoscientific.com/capIC](http://www.thermoscientific.com/capIC).

For access to all Thermo Fisher Scientific news and product photos related to Pittcon 2012, please visit the

“*The Dionex ICS-4000 capillary HPIC system offers new levels of chromatographic speed, without compromising resolution, and 24/7 uptime*”

online media room at [www.thermofisher.com/news](http://www.thermofisher.com/news).

## About Thermo Fisher Scientific

Thermo Fisher Scientific Inc. is the world leader in serving science. Our mission is to enable our customers to make the world healthier, cleaner and safer. With revenues of \$12 billion, we have approximately 39,000 employees and serve customers within pharmaceutical and biotech companies, hospitals and clinical diagnostic labs, universities, research institutions and government agencies, as well as in environmental and process control industries. We create value for our key stakeholders through three premier brands, Thermo Scientific, Fisher Scientific and Unity™ Lab Services, which offer a unique combination of innovative technologies, convenient purchasing options and a single solution for laboratory operations management. Our products and services help our customers solve complex analytical challenges, improve patient diagnostics and increase laboratory productivity. Visit <http://www.thermofisher.com>.

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