

FOR IMMEDIATE RELEASE

Electrochemistry

Media Contact Information:

Cindy Neely

(978) 232-6057

cindy.neely@thermofisher.com

www.thermo.com/water

Secondary Contact Information:

Pinar Posluk

(617) 275-6552

pposluk@greenoughcom.com

Thermo Fisher Scientific Launches Orion 2111XP Sodium Monitor
On-line Sodium Monitor to Benefit Users Seeking Simplicity and Affordability

BEVERLY, Mass., (July 1, 2007) – Thermo Fisher Scientific Inc., the world leader in serving science, today unveiled the new Thermo Scientific Orion 2111XP Sodium Monitor, adding to an extensive offering of on-line products for customers in the power generation market. The Orion 2111XP is designed for ease-of-use and reliability for users at any skill level.

An industry leader in electrode technology with over 22 years of service in harsh industrial environments, Thermo Fisher developed the Orion 2111XP Sodium Monitor based on the outstanding performance and longevity supplied by the company's legacy product, the Orion 1811EL and the success of the Thermo Scientific Orion 2111LL Low Level Sodium Monitor for trace sodium detection limits (ppt). The new Orion 2111XP Sodium Monitor expands the full breadth of the Thermo Scientific On-line Sodium Monitor series offering a new standard in quality and flexible capabilities -- meeting almost all sodium measurement needs. The Orion 2111XP is designed for value and flexibility in the ultra-pure steam loop for power generation, as well as many other industrial applications for accurate and reliable sodium monitoring.

"At Thermo Fisher Scientific, we understand that power generation encompasses a variety of challenging applications, many of which are critical to maintaining plant integrity and efficiency. Today, sodium monitoring not only requires early detection of sodium to optimize plant performance and protect your bottom line, but it also requires an instrument that is sensitive, selective, reliable and verifiable to protect against the costly effects of corrosion," noted Ron Breaux, director of NA sales for water analysis instruments at Thermo Fisher Scientific. "With that in mind, we developed the new, easy-to-install 2111XP Sodium Monitor, offering simple operation and accurate results. Most important, the 2111XP combines our industry leading technology with an advanced user interface utilizing simple step-by-step scrolling instructions detailing calibration, measurement and diagnostic features easily understood by users with any level of experience."

Rugged and affordable, the Orion 2111XP is built to withstand the demands of continuous on-line use in severe conditions. Ideally suited for sodium measurements in a variety of applications around the plant, including low-range boiler feedwater analysis, monitoring ion exchange breakthrough or high acid measurements, the Orion 2111XP expandable platform offers a new level of flexibility for a plant's operation.

Benefits of the Thermo Scientific Orion 2111XP Sodium Monitor include:

- Protection against the costly effects of corrosion with sensitive, selective, reliable and verifiable measurements that provide early warning detection of sodium

- Extreme ease of usability while maximizing uptime -- simple step-by-step scrolling instructions for set-up, calibration, operation and diagnostics
- Measurements at a glance from any distance for even the lowest light conditions using the large operator friendly visible backlit display
- Three application package offerings uniquely accommodate the dynamically demanding requirements for effective sodium in a wide variety of samples
- Flexible reagent kits are available in prepackaged bottles for safe and convenient replacement saving you time and money
- Elimination of the need for frequent and timely calibrations while extending calibration cycles up to three months in specific applications -- through new innovations in sensing and reference sodium electrode technology producing stable and virtually drift-resistant measurements
- Expandable modules for Grab Sample and Low Level Verification to meet the strictest guidelines for QA/QC validation programs

For more information about the Orion 2111XP Sodium Monitor or any of Thermo Fisher Scientific's on-line water analysis products, please visit www.thermo.com/water.

Thermo Scientific is part of Thermo Fisher Scientific, the world leader in serving science.

About Thermo Fisher Scientific

Thermo Fisher Scientific Inc. (NYSE: TMO) is the world leader in serving science, enabling our customers to make the world healthier, cleaner and safer. With an annual revenue rate of more than \$9 billion, we employ 30,000 people and serve over 350,000 customers within pharmaceutical and biotech companies, hospitals and clinical diagnostic labs, universities, research institutions and government agencies, as well as environmental and industrial process control settings. Serving customers through two premier brands, Thermo Scientific and Fisher Scientific, we help solve analytical challenges from routine testing to complex research and discovery. Thermo Scientific offers customers a complete range of high-end analytical instruments as well as laboratory equipment, software, services, consumables and reagents to enable integrated laboratory workflow solutions. Fisher Scientific provides a complete portfolio of laboratory equipment, chemicals, supplies and services used in healthcare, scientific research, safety and education. Together, we offer the most convenient purchasing options to customers and continuously advance our technologies to accelerate the pace of scientific discovery, enhance value for customers and fuel growth for shareholders and employees alike. Visit www.thermofisher.com.