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Electrochemistry

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Thermo Fisher Scientific Launches Orion 2110XP Ammonia Monitor

On-line Ammonia for Boiler Feedwater

BEVERLY, Mass., (January 25th, 2008) – Thermo Fisher Scientific Inc., the world leader in serving science, today unveiled the new Thermo Scientific Orion 2110XP Ammonia Monitor. The sixth addition to the Orion 2100 Series of on-line water analysis products for customers in the power generation industry, the Orion 2110XP provides continuous, direct, and precise readings for ammonia concentrations in boiler feedwater applications.

Managing corrosion in steam generating systems remains a consistent challenge costing the power industry billions of dollars each year. Thermo Scientific offers real-time Ammonia results for effective corrosion control to ensure boiler reliability and maximize power product efficiency.

The new Orion 2110XP Ammonia Monitor indicates the most sensitive changes in ammonia levels for optimization and control of your steam cycle chemistry. Easy-to-use with simple step-by-step scrolling instructions for set-up; calibration, operation, and diagnostics sub menus — the Orion 2110XP offers the highest performance results with confidence.

Benefits of the Thermo Scientific Orion 2110XP Ammonia Monitor include:

- Rapid detection of Ammonia levels with sensitive, selective, reliable and verifiable measurements for rapid detection to changes in Ammonia concentration in boiler feedwater
- Maximize uptime using the simple to navigate scrolling instructions for set-up, calibration, operation and diagnostics
- Large, easy to view display for measurements at a glance — even in low light environments
- Save time and money by using our flexible reagent kits, now available in prepackaged bottles for safe and convenient replacement
- Eliminate downtime and the need for frequent calibration using the stable and reliable Orion Ammonia electrode technology
- Expandable modules for Grab Sample for on-line to bench testing compliance

For more information about the Orion 2110XP Ammonia Monitor or any other on-line water analysis products offered by Thermo Fisher Scientific, please visit www.thermo.com/process.

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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.