

**FOR IMMEDIATE RELEASE**

**Electrochemistry**

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**Thermo Fisher Scientific Launches Orion 2118XP Oxygen Scavenger Monitor**

*High Performance On-line Oxygen Scavenger Results have never been easier!*

BEVERLY, Mass., (January 23rd, 2008) – Thermo Fisher Scientific Inc., the world leader in serving science, is proud to announce the new Thermo Scientific Orion 2118XP Oxygen Scavenger Monitor, the next release in the 2100 Series on-line water monitoring instruments for the Power Generation market.

The risks associated with adverse steam chemistry cost the Power industry millions in profit and more importantly can lead to the accumulation of corrosive deposits thus jeopardizing the efficiency and safety of your steam turbine components.

The NEW Orion 2118XP Oxygen Scavenger monitor detects a wide variety of oxygen scavengers (Hydrazine, Elimin-Ox®, Carbohyrazide, DEHA and others) in real time — providing accurate and reliable results that you can count on. Early detection of Oxygen Scavenger ingress from feedwater helps your plant maintain the optimal balance of water purification with ease and peace of mind.

The Orion 2118XP continuously displays levels of Oxygen Scavenger residual to prevent against corrosion effects known to cause mechanical damage to steam cycle components and subsequent efficiency losses. Based upon our premium electrode technology for stability combined with a virtually maintenance free fluidic design — the Orion 2118XP provides reliable performance every time!

Benefits of the Thermo Scientific Orion 2118XP Oxygen Scavenger Monitor include:

- Accurate detection allows precise control of Oxygen Scavenger residuals critical to minimize costly overfeed of chemical additions
- Ideal for Hydrazine, Elimin-Ox®, Carbohyrazide DEHA and many other widely used Oxygen Scavenger applications
- Repeatable and verifiable measurements with anti-drift solid state electrode technology minimizes calibration cycle time
- Maximum accuracy and precision with 2 pt calibration or fast Off-Line calibration offers ultimate flexibility with high performance

For more information about the Orion 2118XP Oxygen Scavenger Monitor or any other on-line water analysis products offered by Thermo Fisher Scientific, please visit [www.thermo.com/process](http://www.thermo.com/process).

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](http://www.thermofisher.com).