

**FOR IMMEDIATE RELEASE**

**Electrochemistry**

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**Thermo Fisher Scientific Announces Breakthrough Detection Limits from the New Orion Ammonia Ion Selective Electrodes**

*New electrodes feature the lowest detection limits, faster response times, increase electrode body durability and the easiest electrode maintenance*

CHICAGO, Ill., (February 25, 2007) – PITTCON, Booth # 1437 – Thermo Fisher Scientific, the world leader in serving science, today announced the release of a premium Orion Ammonia Ion Selective Electrode. The new electrode features:

- **Lowest detection limits** – accurate, repeatable readings down to 0.005 parts per million
- **Rapid response** – stable, rapid results make it easy to combine functionality with auto-samplers
- **Easiest electrode maintenance** – keying feature on the electrode body ensures the secure fit of the electrode and prevents the membrane from twisting or breaking during assembly. The pre-assembled electrode body with a membrane ensures ease of use and the accuracy of a stretched membrane. The new translucent body also has a fill line to prevent the overfilling of the electrode.
- **Increased durability** – translucent body with improved chemical-resistant to stand up to harsh samples and applications

The ideal product for the drinking water and wastewater laboratories, the new Orion Ammonia Ion Selective Electrode saves time in analysis and maintenance while providing unsurpassed quality, accuracy and performance. It delivers the accuracy of a stretched membrane with the convenience of a membrane cap.

The Thermo Scientific Orion Ammonia Ion Selective Electrode is available with a BNC water-proof connector (#9512HPBNWP) and with a US Standard connector (#951201HP). Pre-assembled membranes are sold in packs of three (#951208).

For more information about the Thermo Scientific Orion Ammonia Electrodes or any of Thermo Fisher Scientific's water analysis products, please visit [www.thermo.com/water](http://www.thermo.com/water).

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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).