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Electrochemistry

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Thermo Fisher Scientific Announces the New Orion High Performance Ammonia Ion Selective Electrode

New electrode features low detection limits, fast response times, improved electrode body durability and the easiest electrode maintenance

Thermo Fisher Scientific, the world leader in serving science, announces the release of the Orion High Performance Ammonia Ion Selective Electrode. The new electrode features:

- **Low detection limits** – accurate, repeatable readings down to 0.01 parts per million
- **Rapid response** – stable, rapid results saving valuable time
- **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 outer body with membrane cap 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-resistance 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). The electrode will use the new ammonia fill solution (951209) and box of 20 loose membranes (951212). Pre-assembled membranes (951215) are sold in packs of three. The high performance ammonia electrode replaces the existing 9512BNWP electrode. It offers design changes from the existing ammonia electrode that provides linear response at lower limits of detection, faster response, easy maintenance and increased durability.

For more information about the Thermo Scientific Orion Ammonia Electrodes or any other Thermo Fisher Scientific water analysis product, please visit www.thermo.com/water.

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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.