



Thermo Scientific Orion Ammonia Ion Selective Electrodes

Compliant with EPA testing methods

EPA Approved ASTM D1426 Method for Ammonia in Wastewater

Measurements are quick, simple, accurate and economical.

Thermo Scientific Orion ammonia electrodes feature time-tested membrane technology. Choose from high performance and standard designs.

The high performance ammonia electrode offers linear response down to the lower limits of detection. The electrode can detect down to 0.01 ppm. The high performance ammonia electrode can achieve response times of 1 minute in samples of 1 ppm or higher. It is rugged and meets the rigorous requirements of waste water and drinking water operators. Supplied with pack of 20 loose membranes, 1 pre-assembled outer body and 2 bottles of fill solution.

Other Applications for Ammonia Electrodes

- **Ammonium or Nitrogen:** Measure ammonium after conversion to ammonia or nitrogen after Kjeldahl digestion of sample

Accessories and Solutions

A full line of supporting accessories is offered to meet your measurement needs.

High performance ammonia electrode



Pre-assembled body and membrane simplifies use and achieves optimum performance

Standard ammonia electrode



Provides reliable results at mid to high ammonia levels

Cat. No.	9512HPBNWP	9512BNWP
Measurement Range	5 x 10 ⁻⁷ to 1.0 M 0.01 to 17,000 ppm	5 x 10 ⁻⁷ to 1.0 M 0.01 to 17,000 ppm
Temp. Range	0 to 50 °C	0 to 50 °C
Connector Type	BNC Waterproof	BNC Waterproof

HP Electrode

Cat. No.	Recommended Accessories
951214	Loose membranes for HP electrodes, box of 20
951215	Pre-assembled outer body and membrane cap assembly for HP electrodes, 3 pack
951210	pH adjusting ISA, for samples with no metallic ions, 475 mL
951211	pH adjusting ISA, for samples containing metallic ions, 475 mL
951213	Ammonia electrode storage solution, 475 mL
951209	HP ammonia electrode filling solution, 60 mL
951006	0.1 M NH ₄ Cl standard, 475 mL
951007	1000 ppm ammonia as nitrogen standard, 475 mL

Standard Electrode

Cat. No.	Recommended Accessories
951204	Loose membranes for standard electrodes, box of 20
951205	Bonded membranes for standard electrodes, pack of 3
951210	pH adjusting ISA, for samples with no metallic ions, 475 mL
951211	pH adjusting ISA, for samples containing metallic ions, 475 mL
951213	Ammonia electrode storage solution, 475 mL
951202	Standard ammonia electrode filling solution, 60 mL
951006	0.1 M NH ₄ Cl standard, 475 mL
951007	1000 ppm ammonia as nitrogen standard, 475 mL



BNC Waterproof