

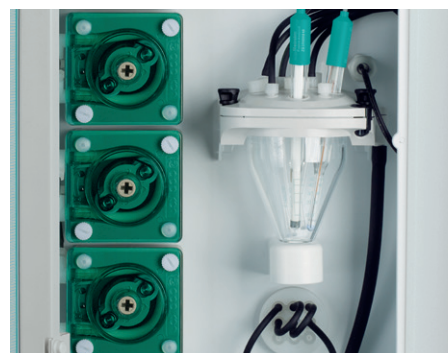


2026 Ammonia Analyzer from Metrohm Process Analytics

Better value in a smaller footprint

HIGHLIGHTS

- Ammonia can be measured in 1 or 2 sample streams
- Compact footprint for tight industrial spaces: 326 × 273 mm
- Safe, rugged enclosure designed to IP66 specifications is ideal for process environments
- A 7" full color touchscreen shows trend graphs and allows action modifications
- Remote access and control via Ethernet and Modbus TCP/IP, with USB for data export
- Easy maintenance due to simplicity of the layout
- Automatic data and/or alarm transfer to a DCS system



Powerful and compact single method online analyzer

Ammonia (NH_3) is a crucial parameter for water quality monitoring in many industries. In power plants, NH_3 is added to cooling water streams to prevent corrosion. In the water industry, NH_3 can be found in all kinds of waters since it is an essential source of nitrogen required by plants and animals. However, there are also detrimental consequences where excess NH_3 is found in wastewater and raw water sources. NH_3 monitoring in wastewater treatment plants can be an indicator of an insufficient aeration step, causing eutrophication of water bodies. In potable water plants, increased levels of NH_3 can be an indication of contamination released from agricultural fertilizers producing unpleasant taste and smell in the water.

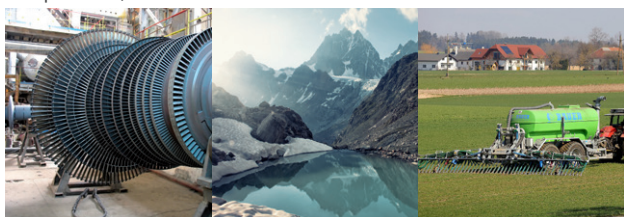
Because of its role in many different production processes, corrosion prevention, and environmental impact; it is of vital importance to closely monitor the NH_3 concentration. The **2026 Ammonia Analyzer** from Metrohm Process Analytics is the most straightforward and easy-to-use tool to do so online.

About the ammonia application

NH_3 is determined using Dynamic Standard addition (DSA) method using a Total Ionic Strength Adjustment Buffer solution. The detection is performed with a Metrohm NH_3 ion-selective electrode (ISE). The analyzer is able to handle a wide range of ammonia concentrations, from **mg/L to %**.

Applications for ammonia

- ... in fertilizer production / (chemical)
- ... in surface water monitoring / (environmental)
- ... in brine for Soda Ash production / (chemical)
- ... in effluent streams (WWTP) / (several industries)
- ... in boiler feed and cooling water / (energy/power)



2026 Ammonia Analyzer

BENEFITS FOR ONLINE ANALYSIS

- Protect expensive company assets by monitoring your processes
- Process data available at your fingertips 24/7 means no waiting for time-consuming, manual laboratory methods
- Increased safety for employees – no manual sampling necessary, reagents kept separately
- Save money by reducing downtime: analyzer sends alarms for out-of-specification values which inform the operator sooner



For more information, visit our website: www.metrohm.com