

AMS Analytics



[AMS Analytics](#) offers a range of fully automated online water quality instruments that monitor inorganic and trace metal contaminants in real-time. Our mission-critical instruments have an unmatched reputation for accuracy and reliability with leading corporations, engineers, regulators and municipalities worldwide. Our solutions are used to reduce material and energy use, minimize lifetime costs and limit their carbon footprint.

AMS' monitoring solutions offer accurate, automated, rapid, real-time, reliable online water quality data for municipal and industrial sectors the world over. When integrated into a drinking, process or wastewater remediation control strategy, the Instran™, MetalGuard™, SafeGuard™, SafeGuard™ Pro, and THM-100™ products serve as an essential element to ensure removal of trace metal and inorganic contaminants.

The operation of every AMS online water quality monitoring system is supported with remote, 24/7 factory monitoring to ensure the quick identification and remediation of operational issues. Our unique approach minimizes downtime and optimizes performance.

AMS Advanced Monitoring Solutions



Instran™

Instran™ online inorganic water quality analyzers that provides accurate, rapid, real-time, reliable and multi-stream analysis of inorganic contaminants such as ammonia, fluoride, phosphate and nitrate.

MetalGuard™

MetalGuard™ is a fully automated online trace metals analyzer that provides real-time, multi-stream analysis for a range of contaminants. MetalGuard delivers accurate and reliable results (up to 1 ppb or $\pm 15\%$, whichever is higher) with a typical measurement time of fewer than 30 minutes. The system also allows for manually collected samples to be analyzed.



SafeGuard™

SafeGuard™ is an automated online trace metals analyzer that provides real-time, multi-stream analysis for a range of contaminants. SafeGuard delivers accurate and reliable results (up to 1 ppb or $\pm 15\%$, whichever is higher) with a typical measurement time of fewer than 30 minutes.

SafeGuard™ Pro

SafeGuard™ Pro is a real-time water quality analyzer support system that maintains the integrity of online sensors by eliminating the risk of interferences that compromise their performance, allowing them to provide high-quality data needed to ensure the delivery of safe drinking water and effective treatment.



THM-100™

THM-100™ is an online THM analyzer that provides automated, unattended measurement of THMs levels in raw and finished drinking water or wastewater; measuring chloroform or bromoform species as well as Total THM and THM Formation Potential. It enables users to control operational and treatment costs through reliable and accurate data on real-time and predicted THM levels at the treatment plant and in the distribution network.