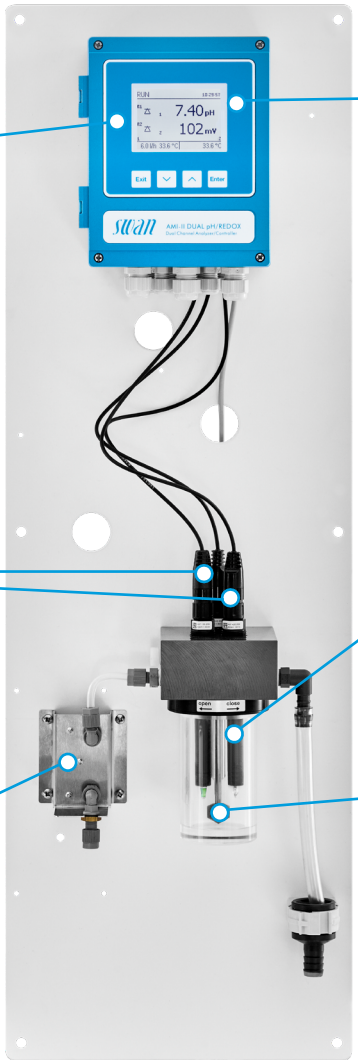
AMI-II Dual pH/Redox

Monitor AMI-II Dual pH/Redox is designed for precise and reliable measurement of maximum two pH or Redox (ORP) sensors in industrial and water treatment applications. Self-diagnostic functions incl. flowmeter ensure for highest reliability and minimized maintenance.

Continuous measurement of two sample flows, incl. temperature for value validation and compensation

All relevant parameters at a glance – clear, real-time water quality overview



Easy handling for calibration procedure or manual cleaning

Continuous dual measurement with maximum two sensors (pH/Redox)

Optional: Sensor auto rinse for maximum performance

Smart ultrasonic flowmeter for accurate, maintenance-free flow measurement

pH
pH 1 – 13

mV
-1500 mV to 1500 mV

Flow 1/2
0 – 15 l/h

Temperature 1/2
up to 50° C

Optional:

Second flowcell with ultrasonic flowmeter

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MADE IN SWITZERLAND

ANALYTICAL INSTRUMENTS

250708/Rev0

AMI-II Dual pH/Redox

The economical solution to measure two parameters with one transmitter.

pH is a fundamental parameter influencing water quality, treatment efficiency, and regulatory compliance. Monitoring pH optimizes chemical treatment, reduces costs, and safeguards the environment.

In many industries, correct pH prevents scaling and corrosion, extending equipment life. In potable water treatment, pH control is essential for effective coagulation, flocculation, and disinfection – ensuring consistent quality and meeting strict regulations.

Redox potential, or oxidation-reduction potential (ORP), is a critical indicator of disinfection performance across industries—from municipal drinking water and wastewater treatment to swimming pools and industrial processes. In sectors such as cooling systems, and pulp & paper manufacturing, ORP monitoring ensures the proper balance of oxidizing and reducing agents, preventing process disruptions and protecting product quality. Accurate ORP control enhances safety, optimizes chemical usage, and drives consistent, reliable disinfection – delivering operational efficiency and regulatory confidence in every application.

Dual pH & Redox Measurement
Achieve unmatched accuracy with simultaneous monitoring – delivering consistent, reliable data for optimized water treatment.

Flow Monitoring for Redundancy
Supports up **to two flow meters**, ensuring **redundancy** and uninterrupted operation up to two sample probes with the optional two flowmeter.

User-Friendly Interface
Intuitive display and controls for easy setup, operation and maintenance – delivering hassle-free performance for your team.

Swan Quality
Swan panel-based design with clearly arranged components and menu guided operation via the transmitter simplifies operation, maintenance, and integration into monitoring systems.

Every instrument is developed, manufactured, assembled, tested, and certified in Switzerland.

Range of Applications

Potable Water Treatment/-network
Potable water treatment and distribution networks benefit from optimized processes that prevent corrosion, reduce chemical costs, and ensure consistent water quality.

Effluent Water
Streamlined treatment processes cut chemical usage, protect the environment, and support compliance with regulations.

Process Water
Maintaining correct pH levels prevents corrosion and protects system integrity.

Cooling Water
Accurate chemical dosing for pH and ORP control prevents corrosion and biological growth, ensuring stable process performance.

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