

2026 pH Process Analyzer

From Metrohm Process Analytics

The **2026 Titrolyzer configured for pH measurements** is the perfect instrument for situations where inline pH measurements fail. With the 2026 Titrolyzer, temperature, pressure changes, streaming potential effects and more have no influence on the measurement. The electrode condition is continuously monitored, and calibration and cleaning is done automatically. This results in less maintenance, longer lifetime of the pH electrode, and more reliable measurements.

Potential hazards and safety concerns regarding critical pipeline sample points are removed as the electrode does not need to be retracted for tasks like cleaning. Never worry again about a dry membrane, because the electrode is always immersed in liquid. This analyzer is especially suitable for applications which would otherwise require manual operator intervention, or processes in which glass electrodes are too hazardous to use.

About the pH application

The pH is measured with a robust and reliable Metrohm pH electrode, which is always immersed in liquid. Cleaning and calibration functions are performed automatically, saving even more time on the production floor.



Benefits for online analysis

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

Applications for pH

- ... in water for production / (food/beverages)
- ... in well water / (potable water)
- ... in rinsing and wastewater / (steel/metals)
- ... in high temperature production lines / (chemical)
- ... during process adjustments / (chemical/petrochemical)
- ... in wastewater treatment / (environmental)
- ... in solar cell production / (surface finishing)

pH analysis performed safely online

- The pH can be measured in 1 or 2 sample streams
- Compact footprint for tight industrial spaces: 326 x 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



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

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