



Analyzers Measurement

We offer the most complete range of analyzers, transmitters, and sensors for the continuous on-line measurement of pH, ORP, conductivity, dissolved oxygen, ozone, chlorine, and turbidity.

Our sensors and analyzers are used extensively in the chemical process, food & beverage, power, mineral processing, petroleum refining, pharmaceutical, primary metals, pulp and paper, semiconductor, textile, water and wastewater industries.

Manufacturers



Analyzers Measurement Gas

Oxygen Analyzer



- Oxygen concentration control in semiconductor-related diffusion and drying furnaces and in LCD manufacturing processes
- Oxygen concentration control in solder pot flow and re-flow ovens, and glove boxes used in electronics manufacturing, and in gas production processes

CO Measurement



- Representative measurement along the duct diameter
- Operation via evaluation unit
- Short response times
- Verifiable with gas-filled cell, gas-testable probe with test gas

Oxygen Standard Applications



- Integrated pump for reference gas (option e.g. ambient air)
- High linearity
- Compact design
- Physically suppressed zero possible

Ultramat



- Highly cost effective because calibration gases are not required (AUTOCL with ambient air, dependent on the measuring component)
- High selectivity thanks to multi-layer detectors, e.g. low crosssensitivity to water vapor
- Cleanable sample cells: Cost savings thanks to reuse after contamination
- Menu-assisted operation in plaintext
- Open interface architecture (RS 485, RS 232; PROFIBUS, SIPROM GA): Simplified process integration; remote operation and control

In-situ Gas Analyzers



- High selectivity due to high spectral resolution
- Short response times
- No calibration required
- No moving parts: minimal wear and tear
- No gas sampling or conditioning required
- Overpressure encapsulated design for ATEX Zone 2

Oxygen Measurement



- Measurement cell with long service life due to high-quality processing
- Measurement cell self-monitoring
- Version for high temperatures available
- ZIRKOR remote app for remote access to analyzer
- Very short response time

