



Gas Analysis with SCADA Control Systems

GOW-MAC now offers gas analysis systems utilizing SCADA Control for on-line monitoring of chemical composition. SCADA (**S**upervisory **C**ontrol **A**nd **D**ata **A**cquisition) is a type of industrial control system. The primary purpose of SCADA is to gather data, transfer it back to a central site, then alert the home station that an event has occurred, carry out the necessary analysis and control, and display the information in a logical and organized fashion.

We use SCADA to control various process and analytical instrumentation. The system provides the presentation of measurements of the components, and on-line measurements control within the system. Parameters include, but are not limited to:

- System configuration
- Online measurements frequency
- Required range of impurities measurement
- Maximum permissible concentrations of impurities
- Set-points for alarm and warning signals
- Calibration check on-demand function

Stop by **Booth #2325** for further explanation of how our gas analyzers utilizing SCADA can help you with your industrial, specialty, and bulk gas production needs. Not attending PittCon, call us at (610) 954-9000 to discuss your application details.

GOW-MAC is a recognized WinCC OA Solution Partner of ETM professional control GmbH, a Siemens Company, provider of the object-oriented SCADA system Simatic WinCC Open Architecture we incorporate into our gas analysis projects.

GOW-MAC Instrument Co., an ISO 9001:2008 certified company, manufactures high performance gas analysis analytical instruments engineered for anyone involved with the detection, analysis, production, or supply of gases within the global industrial, medical and specialty gases industries. Our GCs and gas analyzer packages are used throughout the world by a wide variety of customers for user-specified applications.



Package Lab System with SCADA for analyzing trace (ppb) and percent impurities in inert gases