Process Analytics Program
Replace Obsolete Continuous Gas Analyzer

Advance Optima Modular continuous gas analyzers

Advance Optima gas analyzers combine advanced technologies with more than 75 years of experience in processing and environmental analysis. They are the innovative solution for the demands of today and the challenges of tomorrow. Being tailored to satisfy the requirements of various industries, the Advance Optima series can be used in almost every form of production and has proven itself in the toughest processing environments – worldwide.

Advance Optima offers advanced and reliable technology
• Unrivalled economy
• Integrated system solutions – for added flexibility
• Multi-analyzer systems – up to four analyzer modules
• Integrated control and monitoring
• Simple, user-friendly operation
• Unlimited access to analytical data

Continuous Gas Analyzer Trade in Program**
• 10% Trade in Allowance **
• 24/36 month Factory Warranty included
• 1st Year PM Service included
• Factory Acceptance Testing included***
• Hands on Factory User interface training***
• Discounted Start up and commissioning
• Priority Phone Support included
• Recommended Spare Parts Packages

Optional Services
• Sample System Upgrade
• Network Upgrade
• Multi-year service agreements

** 3rd party products are eligible for program.
*** Complete units only.

Typical applications:
• Refineries, petrochemicals and chemical plants
• Air separators and pure gas production
• Pharmaceuticals, food and beverages
• Metals, minerals, pulp and paper
• Power generation
• Environmental technology
• Waste incinerators
• Ambient air monitoring
• Silo monitoring
• O2 trace and purity measurement
• Emission monitoring according international directives (approved according to EN 15267 and EN 14181, fully compliant to US EPA)
AnalyseIT Explorer: Asset management software solution

Condition monitoring
- ABB analyzer, e.g. calibration status
- Sample handling system, e.g. loss of flow, temp. deviations
- 3rd party sensors via internal ABB PLC

Remotely interact with CEMS
- Check CEMS status
- View data, e.g. pollutants and other parameters
- Configure analyzer, e.g. range switching, validations, etc.
- View trends, etc.

Maintenance and troubleshooting
- Analyze logs for calibration / status messages
- View temperature, flow and pressure parameters
- Actuate calibration cell, e.g. for validations

Dynamic QR code: product identification and system diagnosis data

Dynamic QR Code available for continuous gas analyzers.

Upgrade option available for existing installed based.

ABB’s Dynamic QR Code is a unique feature to display dynamically generated QR codes on the analyzer display for easy communication. In addition to static information for system identification, it contains also dynamic information on system configuration and analyzer health status.

In combination with mobile devices, the Dynamic QR Code represents an innovative way of communication which allows, for instance, improved case-specific support by ABB resulting in increased availability of analyzer assets.

It is compatible with standard QR code reader applications as well as ABB’s application “my Installed Base” (myIB).