



Measurement & Analytics - Measurement made easy

ABB Analyzer systems integration

Complete process analyzer and emission monitoring solutions

Measurement made easy

Complete analyzer systems capabilities

ABB offers complete analytical solutions from initial engineering through manufacturing, testing, field start-up and support. ABB is dedicated to providing the process industry with quality built systems, delivered on time, on budget and supported by experienced professionals.

ABB's resources include complete, functional and spacious manufacturing facilities, in Houston Texas U.S.A. The Houston facility is specifically designed for assembling and testing analyzer systems. The building covers over 40,000 square feet, with two large rear doors for convenient loading and shipping of any size analyzer shelter. All work is performed in this enclosed air conditioned area.

System Integration is available globally at other ABB facilities as projects require.

Single source responsibility

ABB assumes total system responsibility. All project requirements are provided by ABB.

Each project is led by a seasoned Project Manager, who guides an assigned execution team for engineering, design, document control, supply chain, inspection, and logistics from start to finish. This model offers customers the ease of a single point of contact and insures that the analyzer systems truly meet all project requirements.

This approach results in efficiently executed projects that are on time, on budget, and in compliance with customer requirements.



Quality designs and packaging

ABB's technical staff has current and thorough knowledge of global electrical and instrument codes, purging requirements, and all technical aspects of packaging. Project drawings are generated with reliable CAD software and project documentation is comprehensive. Quality assurance is applied to all aspects of each project and thorough testing is standard.

ABB guarantees the technical completeness, crafted quality, maintainability, and certification of every system it delivers. ABB employees are dedicated to delivering on this guarantee.

ABB's complete capabilities, single source responsibility, technical expertise and quality assurance, combine to produce the most important customer value...lower total cost of ownership.



As a single source provider, ABB can guarantee the certification of your CEMS.

ABB combines the best systems practices, with conformance to government environmental requirements, to produce Continuous Emissions Monitoring Systems that pass certification and comply with plant requirements for analyzer systems.

ABB provides CEMS that meet plant area electrical classification requirements and systems with multiple streams. ABB also builds systems that are packaged in air conditioned shelters.

ABB also offers wide flexibility in system packaging, data acquisition and reporting systems, field start up and calibration services.

ABB Analytical Products and Partnership

ABB has direct access to the industry's most complete source for high quality process analyzers and process analyzer applications technology.

ABB Measurement & Analytics manufactures over fifty process analyzer products, including Gas Chromatographs, Continuous Liquid and Continuous Gas Analyzers, Reid Vapor Pressure Analyzers, TDL Analyzers, and FTIR Analyzers. ABB is always developing new and more powerful analyzer products, and creating more effective applications technology.

ABB Analyzer Systems Integration has full access to ABB's analytical products, technology and resources offering the analyzer system customer a remarkable advantage.

When it serves the customer's objectives, ABB also employs quality products from other manufacturers. The customer's needs take top priority on ABB projects.



Contact ABB, the Analytical System Integration experts for all your analytical needs:

Prepackaged Analyzer Systems

- Engineering and Design
- Sample Conditioning Systems
- Analyzer Buildings and Shelters
- Comprehensive Supply Chain Management
- Complete System Assembly
- Comprehensive System Testing

Complete Documentation

- Drawings on Auto-CAD
- Analyzer and Systems Manuals
- Start-up Procedures
- Maintenance Procedures

Emissions Monitoring systems

- For Regulatory Compliance
- CO - O₂ - NO_x - SO_x -CO₂ - Opacity - HCl - NH₃ HRVOC's - Sulfur - H₂S - BTU
- Complete, Integrated Field Packages
- Field Certification - Quarterly Audits
- Data-Acquisition Systems

Complete Services

- Applications and Solutions
- Installation and Supervision
- Pre-Commissioning and Start Up
- Maintenance and Service
- Training - Classroom and Field
- Analyzer Field Surveys



Contact us

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