ABB MEASUREMENT & ANALYTICS | ANNOUNCEMENT

Process Analytics Program
Replace Obsolete Legacy Gas Chromatograph

Process Gas Chromatographs
PGC5000 Series

The PGC5000 Series has been designed for distributed control across multiple analytical Smart Ovens for limitless application approaches. The PGC5000A Generation 2 Master Controller supports five ovens, the PGC5000B, PGC5000C, PGC5007 Total Sulfur, PGC5009 Simulated Distillation and PGC5000 Temperature Programmed each suitably equipped for the type of application to be engineered.

PGC5000B Smart Oven features:
- Correctly sized and designed for basic configurations and maximum reliability
- Designed for mission critical measurements
- Standard detector configuration - sTCD, mTCD, FID and FPD capabilities
- Smaller footprint allows for shelter size and utility reduction

PGC5000C Smart Oven features:
- Appropriately sized and designed for complex application densification
- Perfect for multiplexing multiple streams’ analyses in a single analytical oven
- Designed for complex application measurements
- Multiple detector configuration - sTCD, mTCD, FID and FPD capability

Gas Chromatograph 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.
Is your Network outdated?
…upgrade to ABB STAR.

STAR is the next generation of data system designed to unify legacy instrumentation with the PGC5000 series.

- Complete optimization and plant monitoring.
- Windows based. Windows 10 for PC, OS 16 for Server
- Distributed, secure, and persisted Access Control List (ACL).
- Supports IPv4 and IPv6 and VistaNET ready devices.
- Allows remote upgrades, configuration and rebooting.
- Optional Star server saves minimum of 30 days of data from PGC5000 (Version 4), PGC2000, RVP, and Multiwave.
- Import / Export trends, reprocessing of chromatograms, archiving and trending of data values from multiple devices.

Update your sample system with Digital Sample Handling System (SHS) Control and Data Processing.

The PGC5000 Series is now available with Digital Sample Handling System (SHS) Control and Data Processing. A standard IS CANbus (draft standard CiA-103) communication network provides a direct connection to SHS(s) with digital flow indicators and digital stream switching valve solenoids for optimal process analytical system utilization.

- IS power and communication to the SHS suitable for Class1, Division 1/Zone 1 area classifications
- An Advanced, Reliability Centered Maintenance System Infrastructure from Sample Tap to DCS offers Digital Flow Indication, Valve Actuation, SHS Health and Alarm status.
- Wireless option supports local connectivity of Class 1 Div 2/Zone 2 notebooks and Oven Controller and STAR user interfaces.
- Optional port for PLC/PC/DCS connectivity in the following protocols: Profibus DP, Profibus DPV1, DeviceNet, Ethernet IP/Modbus TCP Client, Profinet I/O/Modbus TCP Client Read-only, Profinet IRT, Modbus TCP and Modbus RTU.