A Game Changer .... Series 9100

Lab Quality Analysis in an Online Instrument

Series 9100
Gas Chromatograph
Blending State of the Art Technology with Gas Chromatography

Series 9100 ... Continuing to Set the Standard in Gas Analysis

Front Panel

- Programmable touch screen
- Multiple USB ports for mouse, keyboard or flash drive
- Legs for bench top use
- Fully integrated powerful GC software
- Convection oven

Detector Options

- Photoionization Detector (PID)
- High Sensitivity Photoionization Detector (HS-PID)
- Flame Ionization Detector (FID)
- Thermal Conductivity Detector (TCD)
- Pulse Discharge Detector (PDD)

Display

User Friendly Touch Screen Display

- View: Takes user to main operational screen
- Start: Easy to operate button to start analysis
- Sequence: Set-up sequence for sample stream and calibration
- Method: Set application specific parameters
- Export: Define & set-up data fields for export
- About: Access user manual programmed into instrument
- Exit: Exits 9100 GC software to Win CE System
- Users: Define user or administrator for set-up & data protection
- Diagnostics: Test and calibrate hardware
- Configuration: Select hardware options
Continuously Monitor Single or Multi-Component Gases

Back View

Outputs

Standard outputs
- LAN
- RS232

Optional Outputs
- Analog 4-20 mA
- 0-20 mA
- Voltage
- Relays

Display Options
- Chromatogram
- Historical Data
- Diagnostics
- Sequencing & Methods

Relays, Analog Outputs and Digital Inputs

Outputs

Standard outputs
- LAN
- RS232

Optional Outputs
- Analog 4-20 mA
- 0-20 mA
- Voltage
- Relays

Display Options
- Chromatogram
- Historical Data
- Diagnostics
- Sequencing & Methods

Benefits

- No need for separate PC
- Allows user to choose display option or view
- Ability to monitor and access from off-site
- Historical information easy to access via touchscreen
- Allows for unattended operation & greater accuracy
- Ease of operation, transportable

Features

- Fully integrated software
- Programmable touch screen
- Remote access for complete control
- Internal data storage
- Automatic calibration
- Compact size & design

Display Choices

Chromatogram

The ability to chose the display output and style offers the ultimate flexibility

Components & Concentration Table

Graphical Representation

Chromatogram with Components & Concentrations
Series 9100
Gas Chromatograph

About Gas Chromatography
Chromatography can be defined as the process of separation. Gas chromatography is used to analyze the different components contained in a gas or air mixture. This process involves using a carrier (inert) gas and columns in which separation takes place prior to detection. Chromatography provides accurate and precise results.

Why Series 9100?

• Analyze a variety of gases
  • Capable of measuring hundreds of different gas types

• Gas Specific
  • Sensitivity can be determined by detector technology
  • Configuration choice and factory setup allows for interferences to be eliminated

• Versatile, Flexible
  • Column material, carrier flow and oven temperature can be adjusted for virtually any application
  • All applications are pre-configured at the factory allowing for start-up ease

World Class Service and Support

• The 9100 Series is supported worldwide by factory trained and certified technicians

• Baseline’s Service Department offers 24 hour remote monitoring and login capabilities

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