

A Game Changer ... Series 9100



Lab Quality Analysis in an
Online Instrument

Series 9100

Gas Chromatograph

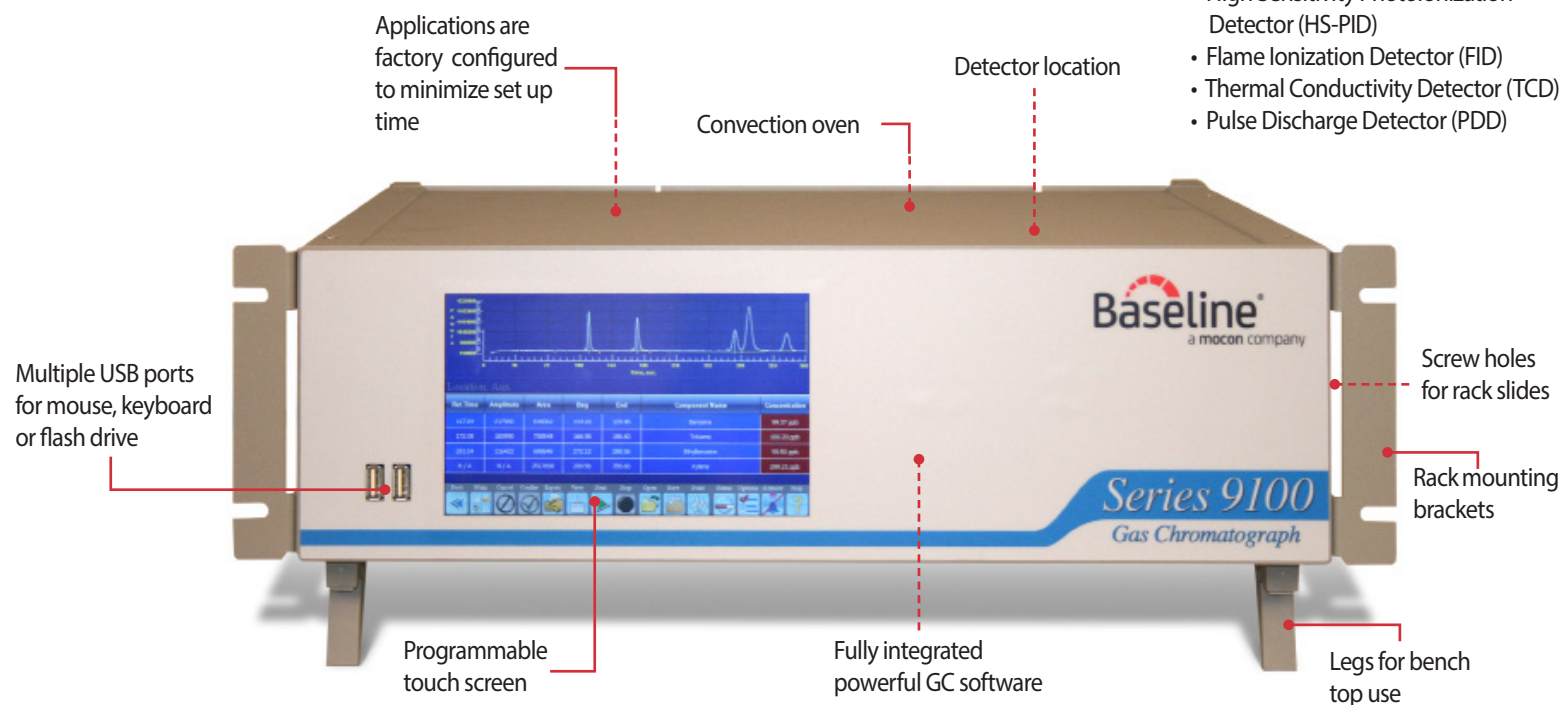

Baseline[®]
a mocon company

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

Front Panel

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

Sequence

Set-up sequence for sample stream and calibration

Method

Set application specific parameters

Export

Define & set-up data fields for export

View

Takes user to main operational screen

About

Access user manual programmed into instrument

Start

Easy to operate button to start analysis

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

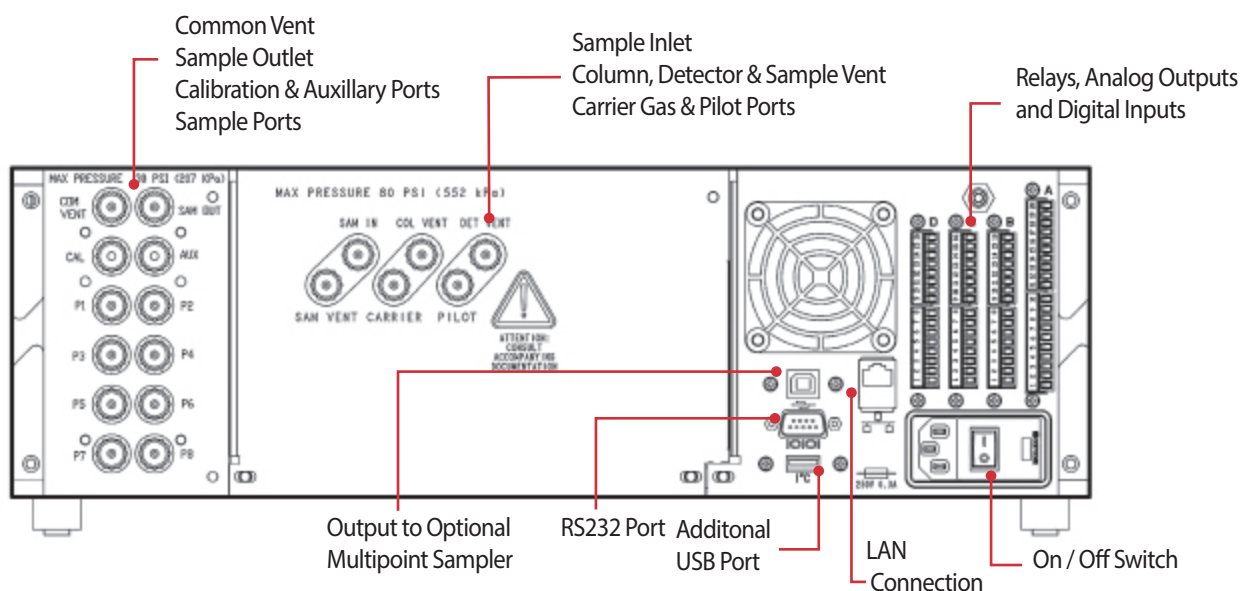
Outputs

Standard outputs

- LAN
- RS232

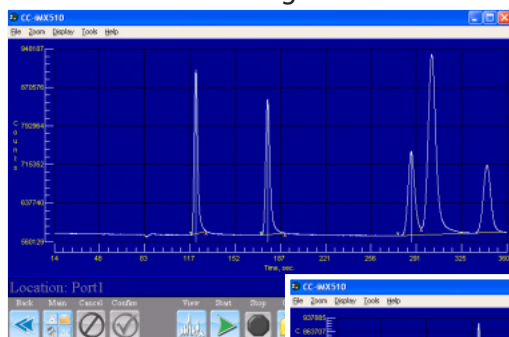
Optional Outputs

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



Display Choices

Chromatogram



Components & Concentration Table

RetTime	Amplitude	Area	Bag	End	Component Name	Concentration
122.00	328724	1026553	118.36	129.96	Benzene	300.22 ppb
176.96	270204	1077973	173.76	189.96	Toluene	300.03 ppb
206.84	366279	1021328	276.44	294.52	Ethylbenzene	300.03 ppb
N/A	N/A	3027410	294.52	295.96	Xylene	298.34 ppb

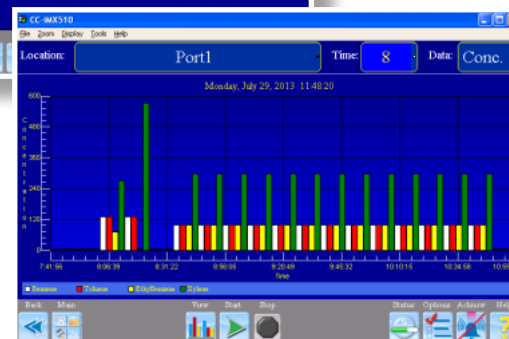
Display Options

- Chromatogram
- Historical Data
- Diagnostics
- Sequencing & Methods

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



Chromatogram with Components & Concentrations



Graphical Representation

Features

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

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

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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