

# A Game Changer .... Series 9100



Lab Quality Analysis in an  
Online Instrument

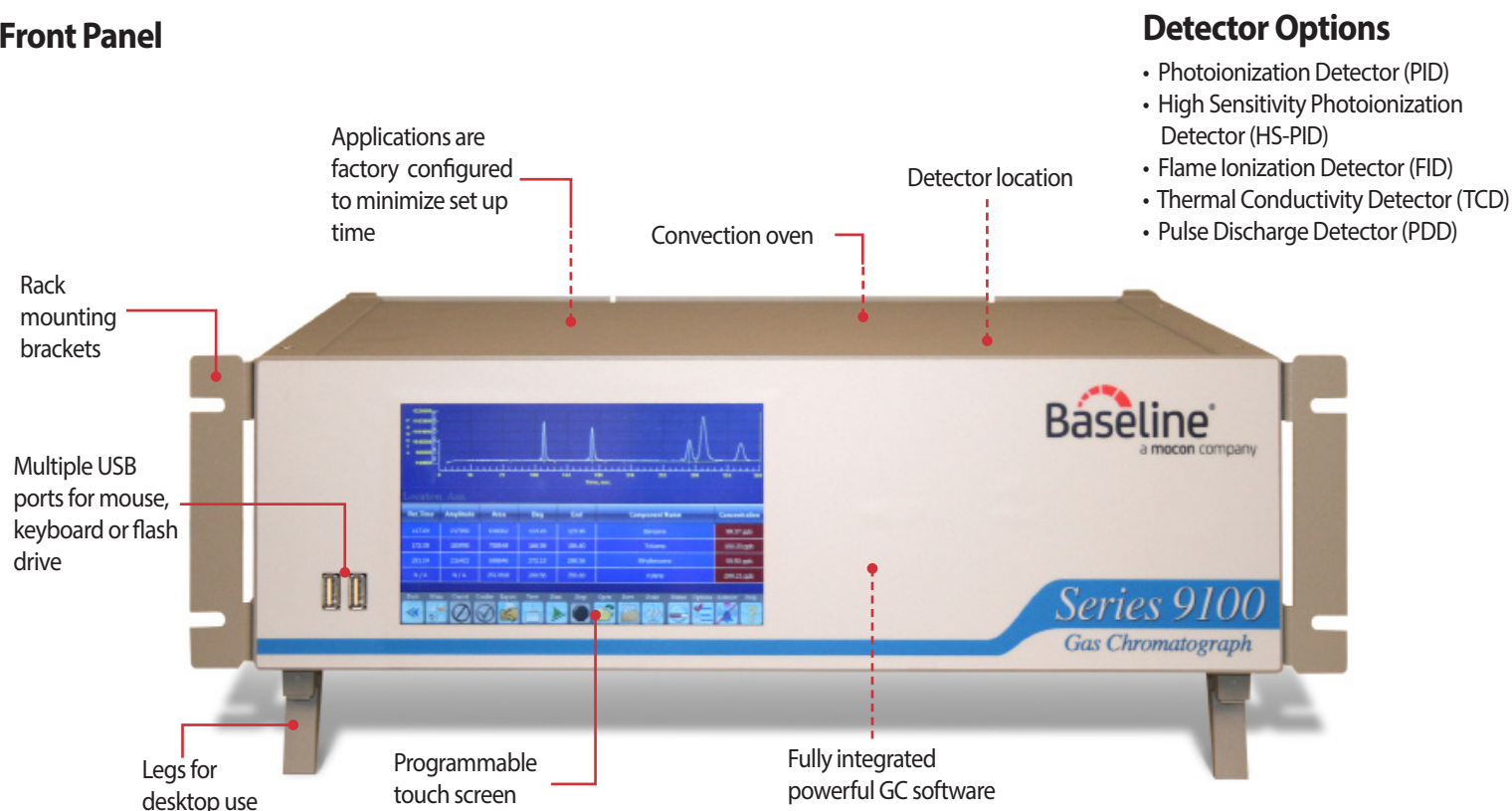
Series 9100

Gas Chromatograph

 **Baseline**<sup>®</sup>  
a mocon company

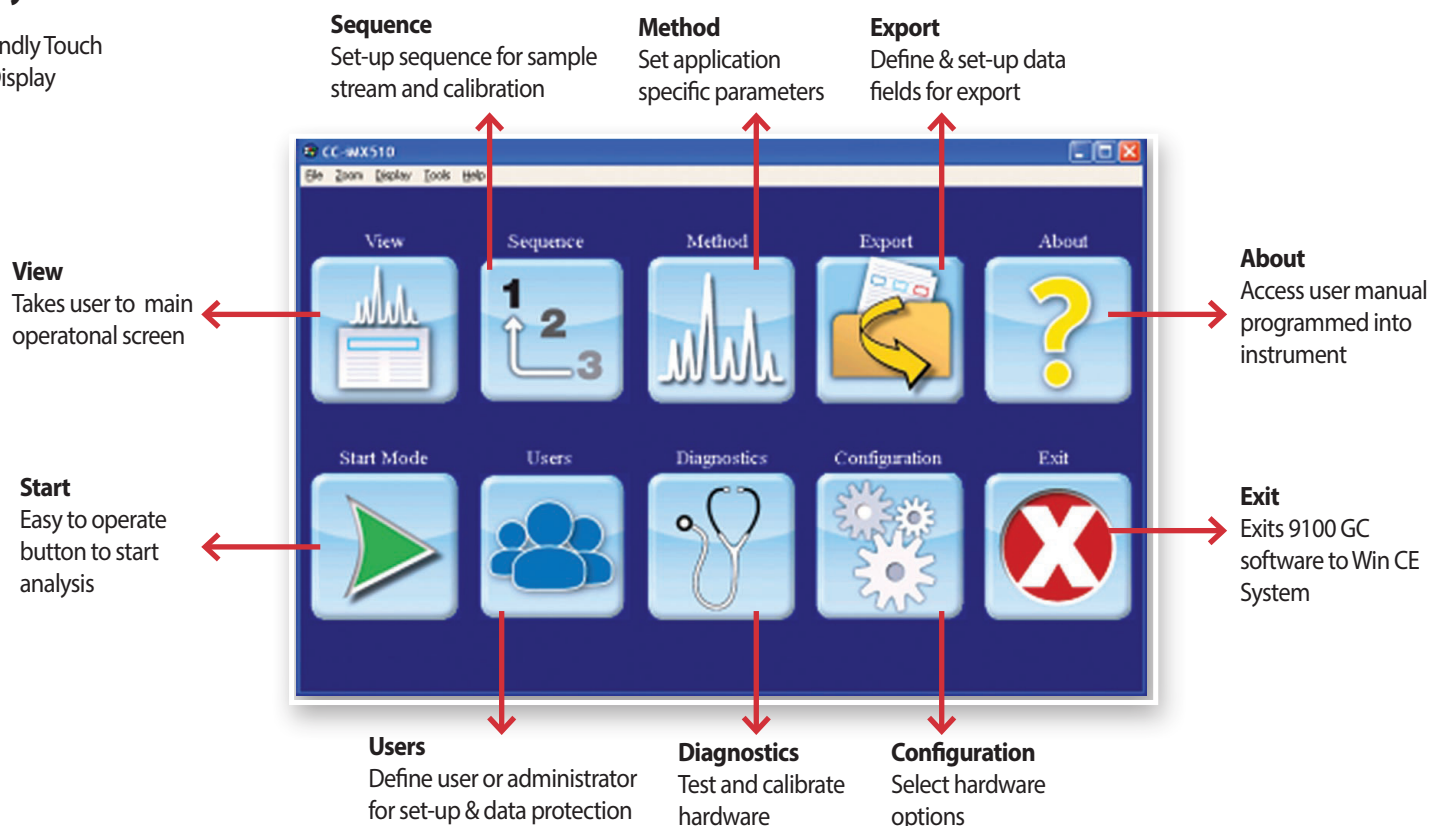
## Series 9100 ... Continuing to the Set the Standard in Gas Analysis

### Front Panel



### Display

User Friendly Touch Screen Display



# Continuously Monitor Single or Multi-Component Gases

## Back View

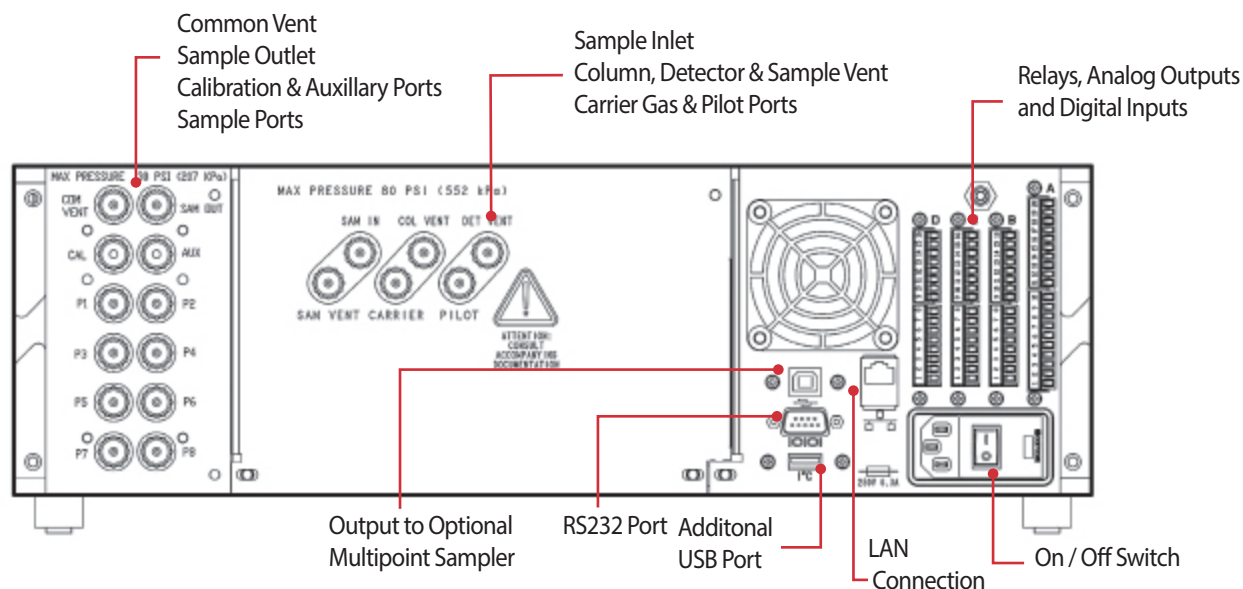
### Outputs

Standard outputs

- LAN
- RS232

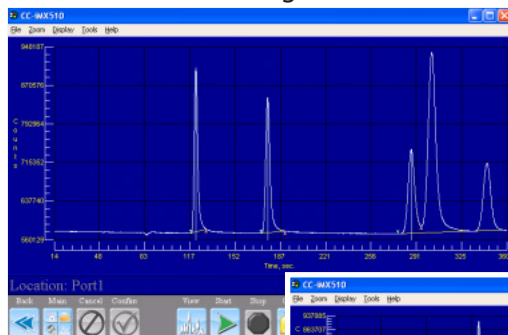
Optional Outputs

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



## Display Choices

### Chromatogram



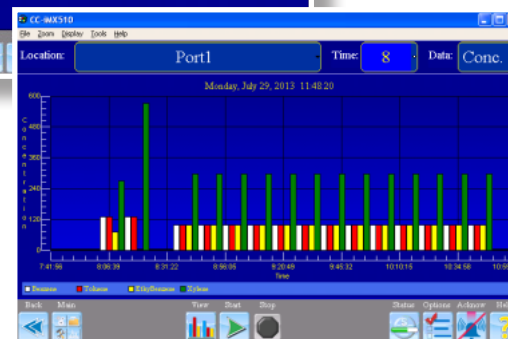
### Components & Concentration Table

RetTime	Amplitude	Area	Flag	End	Component Name	Concentration
122.00	328724	1036553	155.36	129.96	Benzene	330.22 ppb
176.96	270594	1077973	173.76	180.96	Toluene	330.03 ppb
206.84	356279	1021328	276.44	204.52	Ethylbenzene	330.03 ppb
N/A	N/A	3527410	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



P.O. Box 649,  
19661 Highway 36 • Lyons, CO 80540  
P: 1.800.321.4665 • 1.303.823.6661  
F: 303.823.5151  
E: [info@baselineindustries.com](mailto:info@baselineindustries.com)  
[www.baselineinc.com](http://www.baselineinc.com)