Maxum Process Gas Chromatograph: Gas Chromatograph Portal Workstation Software

The newest addition to the Maxum process gas chromatograph (GC) product line is the Gas Chromatograph Portal workstation software. The Gas Chromatograph Portal is an upgrade of the System Manager and EZChrom software to more easily monitor and modify Maxum GCs on an Ethernet network*. The new software is fully compatible with existing Maxum GCs in the field.

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The Maxum gas chromatograph is world-renowned for its range of application capabilities as well as its networking flexibility. Monitoring the performance of Maxum analyzers on the network and making analytical changes had been the role of the System Manager and EZ-Chrom software packages. Now, these two packages have been completely integrated and refined into a new single software package called the Gas Chromatograph Portal*. Keeping your Maxum GCs operating at peak performance has never been easier.

The Gas Chromatograph Portal software resides on a PC workstation and gives you the real-time status for all the Maxum gas chromatographs on the network. In the event of an alarm, interrogating the analyzer is as simple as clicking on the icon for the analyzer, automatically calling up intuitive screens with all the analyzer’s key performance parameters displayed.

With the Gas Chromatograph Portal, every GC on the network is continually updated to reflect the current analysis and operating status. Analysis results, chromatograms and alarm logs are just a simple click away. Furthermore, automatic data logging and reporting functions are completely supported in the Gas Chromatograph Portal. And each display takes full advantage of the latest user interface features. For example, changing gate times on a chromatogram is as simple as clicking on the current gate markers and dragging them to a new setting. Even adding a new peak can be accomplished by simply right-clicking on the peak on the chromatogram and selecting “Add Peak” from the pop-up menu.

Existing Maxum GC users can easily upgrade to the Gas Chromatograph Portal software. The new software is completely compatible with all existing Maxum GCs in the field as long as the analyzers are using software revision level 4.0 or later [contact your local Siemens Customer Service Center for an upgrade to Rev. 4.0 if needed].

### System Requirements

- Operating System: Microsoft Windows XP (SP3), Vista (SP2), or Windows 7
- Maxum GC Software Level: Revision 4.0 or higher

*Note that EZChrom is still needed for SimDis and Data Smoothing applications at this time.

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Adjusting gate times is as simple as dragging the timing markers on the screen to a new location. Even adding a new peak is as simple as right clicking on the peak in the chromatogram and selecting “Add Peak”. The configuration of every Maxum GC on the network is graphically displayed and automatically updated with analysis and alarm results. Viewing data is as simple as double clicking on the display.

All aspects of the Maxum software are seamlessly integrated. For example, tracing where a measurement is made and where the data is transmitted is graphically shown by simply clicking on the component in the results table.