The Maxum process gas chromatograph (GC) platform includes the Gas Chromatograph Portal workstation software for keeping the analytical system operating at peak performance. Whether installed on a PC workstation or laptop, the software provides full access to Maxum and MicroSAM GCs over the Ethernet network. Maintenance and application parameters are shown in simple graphical displays with the ability to drill down to specific parameters as needed.
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 can be performed remotely through the Gas Chromatograph Portal workstation software. Keeping your Maxum GCs operating at peak performance has never been easier.

The Gas Chromatograph Portal software resides on a PC workstation and provides 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.

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.

The new software is completely compatible with all existing Maxum GCs in the field provided the analyzers are using software revision level 4.0 or higher.

**System Requirements**

- **Operating System:**
  - Windows 7 Professional SP1 (32 bit and 64 bit)
  - Windows 8.1 Pro (64 bit)
  - Windows 10 Enterprise (64 bit)
  - Windows Server 2008 Standard SP2 (32 bit and 64 bit)
  - Windows Server 2012 R2 Standard (64 bit)
  - Windows Server 2016 Standard (64 bit)

- **Recommended PC hardware:**
  - Multi-core processor
  - 8 GB or more working memory
  - 500 GB or more hard disk space
  - DVD reader
  - Ethernet adapter (100 MB/sec speed)
  - One or more monitors (1920 x 1080 pixels)

With the Gas Chromatograph Portal, every GC on the network can be seen on the network view screen that is continually updated to reflect the current operating status.

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.