

Parallel Chromatography and Live Switching: Unlimited analytical capabilities ...



maxum

EDITION II



This system concept is unique in the whole world

Over 40 years of Siemens analytical experience in the chemical industry has been combined with over 40 years of Applied Automation analytical experience in the refining and petrochemical industries to produce MAXUM edition II.

Utilizing the proven technologies of the MAXUM and PGC 302 in a single process gas chromatograph provides capabilities that have never before been available in a single analyzer.



SIEMENS

MAXUM edition II - unique in the world

Parallel Chromatography and Live Switching ...

... unlimited analytical capabilities!

Unlimited analysis potential

MAXUM edition II utilizes a variety of modules to provide the analytical solution that will meet your specific project requirements.

Whether the requirements are low cost or ultra quick cycle times, MAXUM edition II meets those needs with high reliability.



And since you only need one product for all your different requirements, you will save on capital investment, training expenses and spare parts.

MAXUM edition II not only ONE chromatograph, but a system concept!

Variety of detectors

MAXUM edition II offers a wide range of detectors including FID, TCD, FPD, ECD, HID, ELCD. Single or multi-detector configurations make this the most versatile Process Gas Chromatograph available.

Flexible oven concept

Airless and Airbath ovens are available to meet the widest range of applications. Both configurations are available as single or dual ovens. This enables you to have a complex application or two simple applications in one analyzer.

Parallel chromatography

divides a complex chromatography application into a number of simple applications. This reduces cycle time and simplifies maintenance.

Live injection

is flexible and allows for variations in volume sizes that can easily be adapted to the requirements of an analytical application.

Valveless Live Column Switching

This well proven unique technology eliminates non-inert materials from the separation path between injector and detectors.



Electronic pressure control

Provides programmable pressure control without the use of needle valves. Ideal for Live column switching.

Communication technology

Communicates via Ethernet, Datanet, Modbus, OPC, ASCII or analog outputs and takes advantage of industry standard communication devices.

Software Tools

The MAXUM edition II software utilizes the latest advances to provide capabilities that optimize utilization of process gas chromatographs. The Windows based real-time operating system and embedded EZChrom are two of the many key tools included.

Backward compatibility

MAXUM edition II is backward compatible with the Siemens PGC 302, RGC 202, and Applied Automation's Advance MAXUM, and Optichrom Advance.

If you have any questions, please contact your local sales representative or any of the contact addresses below:

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