New enhanced Capabilities

Agilent ChemAccess

Networked Data System

Agilent ChemAccess is a client/server module that is part of Agilent’s ChemStation Plus family of chemical analysis software.

ChemAccess enhances ChemStations by enabling them to work as a networked data system workgroup through:

- Remote system monitoring and instrument control.
- Centralized, secure file storage of all data collected by individual client ChemStations.

The latest ChemAccess enhancements

New enhancements make ChemAccess even more flexible and useful in the laboratory.

System monitoring and instrument control

ChemAccess supports instruments at a system level or a more detailed functional or module level (injector, detector, oven, pump and so forth).

Support for new instruments at the module level

ChemAccess now supports the Agilent GC/MSD system (5972A, 5973A and 5973N).

Support for new instruments at the system level

ChemAccess also supports Agilent’s:

- 6850 gas chromatograph
- 1100 LC/MSD detector
- 1100 LC refractive index detector
- 1100 LC multiple wavelength detector
- 1100 LC fluorescence detector
- 1100 well plate sampler
- 1100 capillary pump

Data storage enhancements

- MS ChemStation (GC/MSD) data may now be stored on and retrieved from the ChemAccess server.
- The ChemStation’s user and method names may be used as part of the server’s structured storage data path.

Agilent Technologies
Innovating the HP Way
• Data storage parameters (interactive or automatic) may be locked so that an end user cannot override the way the ChemStation client stored the data.

• The ChemStations for GC, LC, LC/MSD, CE and A/D now include storage of the ChemStation’s batch (.b) file.

• Archived data access rights and permissions are more consistent and flexible through the use of a data transfer account.

Additional enhancements
• Improved ChemStation communication protocols increase system reliability.

• Automated client reconnection to the server in the case of network or server failure enhances ease of use.

• Changes to methods during analyses are noted in the logbook, but ChemAccess does not change the archived method.

Operating environment
Both client and server systems use Microsoft® NT 4.0 Workstation, SP4 or higher, as required for the particular instrument configuration.

Minimum computer hardware requirements
For client single-instrument systems:
• 166 MHz Pentium, 64 Mb RAM for chromatography, 96 Mb RAM for spectroscopy systems

• An additional 8 Mb RAM for each instrument

• An additional 32 Mb RAM for Agilent’s ChemStore database module

ChemAccess software module compatibility
The latest ChemAccess (Revision A.02.01) is compatible with:
• Agilent’s ChemStation for GC, LC, LC/MSD, CE and A/D revisions A.06.03 and A.07.0x with SP4 and revision A.08.0x with SP6a

• The MS ChemStation (GC/MSD) C.00.xx with SP6a

ChemAccess A.01.03 clients are compatible with:
• The ChemAccess A.02.01 server
• ChemStore B.01.0x

• The ChemStation for GC, LC, LC/MSD, CE and A/D security pack

Support services
• Updated IQ and OQ/PV qualification services.

• Generic networking course module (H1188A).

• Updated startup services for installation, configuration and familiarization.

Product contents
In addition to ten GC, LC, LC/MS, CE and A/D data evaluation licenses with each ChemAccess server, two GC/MSD data evaluation licenses are now also included.

Unless specifically mentioned here, the capabilities of earlier ChemAccess versions are included in the new revision.

For more information
To obtain more information about Agilent’s ChemAccess enhancements, please call 1-800-227-9770 in the U.S. and Canada.

In other regions, please call your local Agilent sales office and ask for a chemical analysis representative.

Also, you can get information about our products at our World Wide Web site: http://www.agilent.com

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