Chromatography Series Offers Productivity, Sensitivity

Agilent Technologies Inc. introduced the Agilent 7890B gas chromatograph and the 5977A Series mass selective detector.

The 7890B GC and 5977A Series GC/MSD deliver new levels of productivity, sensitivity and reliability. The 7890B GC offers improved performance specifications with advances in numerous detector modules, lower operating costs and eco-friendly operation with power/gas management and sleep/wake modes, seamless ordering of consumables and parts with an interactive graphical Parts Finder tool and consumables database, easier, faster method development with integrated GC calculators and wizards, better asset and resource management with integrated maintenance tools, improved recovery of active compounds with Agilent's exclusive end-to-end Inert Flow Path deactivation technology and reduced downtime for MS maintenance using the new Fast Vent feature. The 7890B GC runs on OpenLAB Chromatography Data System software. The new release of Agilent OpenLAB CDS is up to 40 times faster than previous versions, with a new Data Analysis package and Intelligent Reporting. Advanced interactive integration tools and graphical displays accelerate data review, reducing time-to-results and freeing up operators for other tasks.

The 5977A Series GC/MSD enjoys all the benefits of the 7890B GC and features a redesigned inert MS ion source that enhances performance with highly efficient ion collection. The 5977A Series GC/MSD now offers the highest sensitivity on the market, with a new specification metric, the Instrument Detection Limit, guaranteeing true system-level performance in practice. Using the TwisTorr 304 FS turbomolecular pump, optimized for light gas operation, the new 5977A GC/MSD system is efficient and rugged, and has been evaluated and certified to meet industry-leading standards. The 5977A Series runs on the MassHunter Workstation software. Ideally suited for high-productivity GC/MS, the software provides intuitive,

powerful instrument control, coupled with automated data acquisition as well as qualitative and quantitative data analysis and reporting. It is the industry-leading software solution for high-throughput MS data analysis. The software also includes a full version of MSD ChemStation to ensure compatibility with previously purchased instruments.

Agilent Technologies Inc., 800-227-9770, www.agilent.com/chem/resolve [1].

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