

# Guidelines for Product Submissions

## CHROMATOGRAPHY TECHNIQUES welcomes the latest new product press releases relevant to its readers.

### Text:

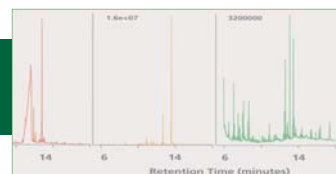
1. Text should be a 150- to 200-word description of one NEW product, attached as a Word document. Information about “improved” or “enhanced” products is welcomed if the change is substantial.
2. Company name, Web address, and numeric phone number must be included.
3. State the product’s significance (saves time/money, is more precise, etc.), features/benefits, and basic technical specifications. Applications should be listed, if they are not obvious.
4. Do not use trademarks or registration marks.

### Images:

1. One high-resolution (300 dpi) .tif or .jpg, with 4" x 5" image area, must accompany the press release.
2. Attach images separately. Images embedded in Word documents are not suitable for print.

### For more information, please contact:

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**Automated Capillary Column Connection Established in Five Steps**  
The Multi One is an efficient method for coupling capillary columns in GC, GC/MS, GC/MSD, and other coupled-column separation techniques. In five steps, the digital establishes an automated and standardized connection between two capillary columns using a deconstructed Multi Tube. A combination of heat and air pressure breaks the column in the tube, establishing a seamless connection. The method has been tested with eleven connections in series without allowing any noticeable band broadening or leakage. Using the digital interface, users can control, digital data acquisition, chromatography data processing, and reporting. This system provides enhanced chromatography-based features available for controlling the gas system. It also provides a stable, clear, barrier environment for positive LHM and HLM networks and GC, GC/MS, GC/MSD, and GC/MSD. For development, discovery, and production, Thermo Fisher Scientific, www.thermo.com, 800-368-5762

**Method Development System Performs Flexible Experiments**  
ACD/AutoChem for Optimization and Engineer is an automated system for HPLC, UPLC, and LC-MS, helping chromatographers reduce their method development time. The software combines instrument control for Agilent and Waters systems with software for computer-aided method development. The seamless connection between decision-making tools and instrument control empowers the method development process by allowing users to generate complex injection sequences for the instrument, and by helping the user make more informed decisions about the next experiments to perform. The program performs flexible combinations of column, solvent and buffer screening experiments, as well as method optimization experiments. **Advanced Chemistry Development** www.thermo.com, 800-368-5762

**Software Control Facilitates LC System**  
The Atlas CDS and on-line control software for the company's Scientific Acuity high-speed liquid chromatography system, offers integrated instrument control, digital data acquisition, chromatography data processing, and reporting. This system provides enhanced chromatography-based features available for controlling the gas system. It also provides a stable, clear, barrier environment for positive LHM and HLM networks and GC, GC/MS, GC/MSD, and GC/MSD. For development, discovery, and production, Thermo Fisher Scientific, www.thermo.com, 800-368-5762

**Vacuumator Prevents Accidental Damage to Sensitive Membranes**  
The Vacuumator is an online chromatography detector for determining specific and precise results, with a patented Analytical Process System (APS) that prevents accidental damage to sensitive membranes. This product also includes features such as a software-based pulse dampening function, a software-based pulse dampening function, and a software-based pulse dampening function. The instrument comes standard with 1000 GC modules, Chromatography, and an LCD-based user interface. **Waters Technology Corp.**, www.waters.com, 617-432-1022

**High-Resolution LC Supports QA/QC**  
The Series 275 HPLC liquid chromatography (LC) system increases throughput and provides resolution using small particle size column technology at high pressure ranges. The system was designed to support QA/QC in the food and beverage, environmental, pharmaceutical and chemical testing markets. The system also includes the Series 275 Autosampler, which allows for greater automation and repeatability in the critical injection phase. The Series 275 Binary Micro Pump supports small particle/high-resolution LC columns. For ease of installation in the new technology, the system is controlled and fully integrated with the company's TotalChrom software and provides 21 CDE Real Time compliance. **PerkinElmer Life and Analytical Sciences** www.perkinelmer.com, 781-661-9910

**EIS Detector Maintains Narrow Peak Widths**  
The model E200 responsive light scattering detector is designed for use with rapid resolution and ultra-performance LC systems by monitoring the peak widths observed with these systems of less than 1 second. These narrow peak widths provide for high sample throughput required in today's laboratories. The model E200 patented technology allows full control of the size of mobile phase to analyze particles, which can be selected for increased sensitivity and varying flow rates or mobile phase gradients. The rapid phase shift rate can be varied anywhere from 1 to 10 percent of the volume. The instrument fits in the existing Agilent 1100 and 1200 LC systems and communicates with ChemStation via a proprietary driver. **Boehringer Ingelheim**, www.boehringer.com, 877-465-1106

**System Facilitates Online Polymerization Monitoring and Control**  
PLINAC is a complete system for online polymerization monitoring and control. Designed for a wide range of polymer synthesis applications, the system allows continuous sampling of reaction mixtures from a reactor during a polymerization process. The system includes a reactor, a flow injection analysis (FIA) system, a gas chromatography (GC) system, and a data acquisition system (DAQ) to provide information on all aspects of the reaction as it occurs. The system is designed for use in research, development and production management. It is particularly suitable for R&D in industry and academic settings. **Varian, Inc.**, www.varian.com, 800-828-5828

**Portable GC Configurers with Several Detectors**  
The Companion GC is a portable gas chromatography unit that is housed in a small and rugged plastic enclosure and can be configured with one of the company's several types of detectors. The flame ionization detector (FID) can detect virtually every compound, while the photoionization detector (PID) is highly sensitive to detect aromatics compounds found in petroleum products. With the flame ionization detector (FID), users can detect hydrocarbons and alcohols. Standard features include electronic pressure controllers, a touchscreen user interface and a fully programmable internal oven. **SPS Instruments, Inc.**, www.spsinstruments.com, 877-465-2555

**Compact GC System Supports Range of Detectors**  
Developed for fast GC analysis, the DataMaster GC provides an oven heating speed up to 140°C/min and digitally controls carrier gas to 120 psi. The compact system allows three detectors and three detectors to be installed simultaneously. A special lighting device inside the easily accessible cover simplifies column installation. The GC supports a complete range of injectors as well as the air/gas timing requirements of fast GC. The detectors are sensitive and selective for a range of applications. An intuitive touchscreen interface controls both the GC and the auto-sampler. Clearly software is used to control four instruments and to acquire and evaluate four analog signals for each instrument simultaneously. **DANI Instruments** www.daninstruments.com, 410-223-0191

**Purge and Trap Instrument Features Electronic Flow Control Options**  
The 7000 purge and trap instrument offers high chromatographic resolution and full-length wet trap for moisture control, as well as control of purging. Additional features include integrated GC and on-line fraction ports, a flow sensor and the original interchangeable sample pan/matrix system. The instrument's capabilities have been expanded with the addition of an electronic flow control option. Users can now individually control purge and GC flow during the purge, trap, desorb, and bake cycles. This can decrease cycle time, that allows users to run more samples per instrument. **COB Analytical** www.chromatography.com, 410-932-5456

**Autosampler Extends Life of Older GCs**  
The 6700 triple function autosampler is a single unit offering triple the function it can perform. With its multiple analysis, liquid sample injection and solid phase microextraction, the autosampler can extend the life of older GCs and GC/MS systems. The autosampler provides accurate, repeatable results, is built on top of a GC, and without using any bench space. A connection allows users to switch between the three different modes. Completion takes about 5 minutes in total without the need to rewash the vials from the GC. **SIU-Labnet Ltd.** www.siu-labnet.com, 416-292-2020