

PEAKS of Interest



Millipore completes acquisition of Serologicals

Millipore Corporation (Billerica, Massachusetts) announced that it has completed its acquisition of Serologicals following approval by Serologicals' shareholders last week. The acquisition will transform Millipore into a life science company with combined annual revenues of approximately \$1.4 billion, based on 2006 full year projections.

The combined organization of approximately 5800 employees also will have significantly expanded R&D capabilities with more than 500 R&D professionals worldwide.

Neue and Molnar awarded at symposium

The 6th Balaton Symposium on High-Performance Separation Methods was held in Siofok, Hungary. The first Balaton Conference in 1955 was sponsored by the Chromatographic Group of the Hungarian Chemical Society. In the past ten years, the society has increased in size and international recognition. The symposium included more than 30 oral and nearly 140 poster presentations with more than 360 registered delegates from 23 countries.

During the symposium, several individuals were recognized for their accomplishments in the field of separation science. Director of External Research at Waters Corporation (Milford, Massachusetts) and LCGC author and reviewer Uwe D. Neue was presented with the 2005 Halasz Medal Award. Imre Molnar of the Molnar Research Institute (Berlin, Germany) and a previous member of the LCGC editorial board, was presented with the 2005 Csaba Horvath memorial Award.

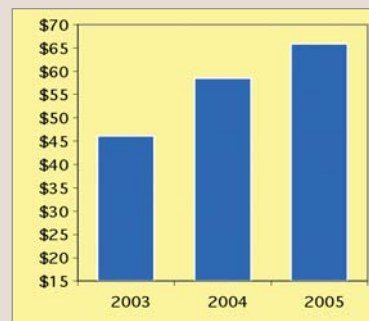
Thermo launches on-line chromatography resource center

Thermo Electron Corporation (Waltham, Massachusetts) has developed a new web-based chromatography resource center to provide tools and technical advice to chromatographers. The chromatography resource center is readily accessible via <http://www.thermo.com/columns>.

Chromatography Market Profile

Analytical Instrumentation for Security Applications

Analytical technologies have been applied to many problems of the modern world, though usually in the domain of the laboratory or to regulate production on the factory floor. However, modern instrumentation can provide valuable information in many other settings as well. Security applications demand sensitive information, accurate information and fast information. These are precisely the kinds of problems that instrumentation has been solving in the research setting for decades. The application of analytical technology to the security of nations, facilities, and people has become an important segment of the industry.



The security market for gas chromatography and chemical sensors in Europe and Asia.

X-Ray and radiation detection are among the top technologies used in homeland security applications, particularly in aviation and shipping/cargo. Additionally, chemical sensors, gas chromatography (GC), mass spectrometry, PCR, and spectroscopy techniques are also common technologies for security. Collectively, these markets have rapidly expanded during the last few years and now represent more than \$2 billion in 2005 sales.

Gas chromatography has not achieved the same meteoric success in the security field that many other technologies have had due to limiting aspects of the technology. Nonetheless, the demand for GC is expected to achieve moderate growth over the next few years. Perhaps the most important dynamic affecting the growth of GC in the security market is the increasing availability of portable or handheld units. While these systems are used generally for environmental applications, they are particularly useful for first responders and the military market for chemical weapons and explosives detection.

The market for chemical sensors, a closely related cousin to GC technology, also has experienced rapid growth due to security applications. Although military and first responders are the most important markets, there is more growth in other areas of the marketplace in segments where these technologies have not yet become as entrenched, namely in transportation and cargo facilities, which are now concerning themselves with the possibility of chemical attacks.

The foregoing data was extracted and adapted from SDI's Market Analysis and Perspectives report entitled, "Analytical Instrumentation for Security Applications." For more information, contact Glenn Cudiamat, VP of Research Services, Strategic Directions International, Inc., 6242 Westchester Parkway, Suite 100, Los Angeles, CA 90045, (310) 641-4982, fax: (310) 641-8851, e-mail: cudiamat@strategic-directions.com.

Beckman Coulter adopts ARTEL technology

ARTEL announced that Beckman Coulter has adopted the ARTEL MVS (Multichannel Verification System) to verify the accuracy and precision of its automated liquid handling systems used in pharma-

ceutical and clinical laboratories. As part of Beckman Coulter's Field Service Operational Qualification Program, the MVS provides solid documentation about system performance, helping laboratories meet compliance and regulatory requirements. ■