



Headspace vials

La-Pha-Pack has developed 10 mL and 20 mL screw neck vials in clear and amber glass with magnetic screw seals. These are suitable for the CTC Combi Pal. The screw closure technology is a convenient and easy to open and close alternative to the magnetic crimp seals. A centre hole makes the vials suitable for SPME as well as for standard headspace analysis but maintains sufficient surface for the magnet to transport a full vial. Furthermore, the risk of incorrectly crimped vials is avoided and the penetration is easy and safe because the liners have a reduced total thickness. All the products in this line have been approved by CTC Analytics regarding penetration, tightness and magnetic force.

Moreover, vials and seals can be obtained either as individual components or as 2in1 KITS.

www.la-pha-pack.com

La-Pha-Pack Werner Reifferscheidt GmbH, Langerwehe, Germany.

Ion chromatography system

Metrohm has extended its modular ion chromatography system with the release of the 871 Advanced Bioscan. The heart of this system is the pulsed amperometric detector with built-in injector and column oven. Control and data acquisition are achieved through the Metrodata IC Net software. It is possible to operate a stand-alone system with the pulsed amperometric detector 871 Advanced Bioscan as well as incorporating it in a standard IC system for the determination of anions and cations. Furthermore, this system is suitable for the determination of carbohydrates, alcohols, sugar alcohols, sugar acids, polysaccharides and other oxidizable or reducible substances.

www.metrohm.com

Metrohm Ltd, Herisau, Switzerland.



Mass flow meter and controller

Sierra Instruments will show its Micro-Trak 101 series high-performance digital mass flow meter and controller for ultra low gas flows at Pittcon 2007. The instrument includes sensor technology and engineered direct acting valve design, which allows users to measure and control micro mass flows of gas. It is specifically designed for flow ranges under 4 sccm (smlm) with a minimum controllable mass flow-rate of 0.1 sccm (smlm). Reportedly, the system offers accuracy of $\pm 1.0\%$ of full scale and repeatability $\pm 0.2\%$. Additionally, it is suitable for most clean gases because of its all stainless-steel flow path that contains elastomer seals. It has a small footprint (3.0 in. \times 1.0 in.), 24 VDC power and a choice of multiple communications as well as Dial-A-Gas technology that enables users to select from multiple gases. The company will be at booth number 1316 at Pittcon.

www.sierrainstruments.com

Sierra Instruments, Monterey, California, USA.



MICRO-TRAK™ 101 SERIES
ULTRA LOW FLOW MASS FLOW
METERS & CONTROLLERS

SIERRA
INSTRUMENTS, INC.
MONTEREY, CALIFORNIA, USA

Absolute molecular weight detector

Wyatt has manufactured a three-angle light-scattering detector for determining the absolute molecular weights and sizes of polymers or biopolymers directly. The miniDAWN TREOS can be coupled to any chromatograph (HPLC/GPC/SEC/FPLC) or used off-line in a micro-batch mode. It is claimed that the instrument reveals aggregation phenomenon

that are not usually detected by UV, RI or NMR instruments in biotechnology. It has four auxiliary inputs for RI, UV or other instruments and a 60 mW GAAs laser with spatial filtering. Additionally, it has on-board analogue-to-digital conversion and outputs its serial stream of data to any PC. Additionally, the system has a 64 000 colour LCD display that shows current system states, chromatographic conditions and more.

www.wyatt.com

Wyatt Technology Corp., Santa Barbara, California, USA.

