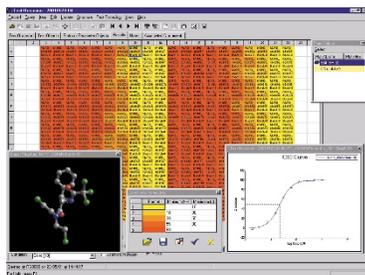




## Drug discovery and development



### Data management suite

ActivityBase 5.0, from ID Business Solutions, integrates chemical and biological data for use across a spectrum of discovery activities. The software tool covers the complete range of research requirements, from structure registration to HTS to dose response and behavioral studies. New modules include StructureBase, a fully integrated chemical compound registration solution, ReactionBase, an eNote-book style application for storing, managing, and searching reactions and reaction schemes, Natural Products, a module to manage the process of finding and isolating an active compound from a natural organism, and the SARgen suite of products, which query ActivityBase, including StructureBase, for biological and chemical information, such as structure-activity relationship (SAR) analysis.

<http://www.idbsinc.com>



### Tangential flow filtration

Pall Biopharmaceuticals offers the MAXIM sanitary benchtop tangential flow filtration system for process development and pilot-scale applications such as product concentration, diafiltration, clarification, and fractionation. The system includes a 10 L glass reservoir with ultrasonic level sensor, high-performance pump, pressure, and temperature sensors, retentate flow meter, retentate and drain diaphragm valves, and a choice of several optional cassette holders.

<http://www.pall.com>



### Sample purification

From Biotage, the FLASH 40+ system uses patented Samplet technology in FLASH 40-scale purifications. Both the quick-release design of the FLASH 40+ compression module and the new FLASH 40+ cartridges improve purification performance. The cartridges can purify up to 5 g of sample and are ideal for complex mixtures from 100 mg to 2 g, and the compression module reduces solvent consumption, increases compound purity, and reduces sample handling when compared to glass columns.

<http://www.biotage.com>



### Multi-use software

Beckman Coulter's 32 Karat Version 5.0 integrates capillary electrophoresis and high-performance liquid chromatography in one platform. Designed for operation on the company's P/ACE MDQ capillary electrophoresis and System Gold HPLC systems, the software combines enhanced tools for diode array detection and the convenience of controlling both CE and HPLC separations in one platform. The software is optimized for Windows NT and Windows 2000 operating systems, and features include user-specific log-in, independent audit trails, and results sign-off.

<http://www.beckmancoulter.com>



### HPLC columns

Xterra Prep Columns from Waters allow users to load up to 60 times more sample onto a preparative HPLC column than traditional silica-based reversed phase columns, and allow the screening and purification of compound libraries in half the time. Based on hybrid particle technology, which combines the pH resistance of polymers with the mechanical stability of silica, Xterra columns can perform fast purifications without sacrificing mass load capacity or purity. Columns are available from Waters in 137 different configurations.

<http://www.waters.com>



### HPLC system

The Varian PrepStar 218 benchtop preparative HPLC system combines the capabilities of the 218 pump, the new PrepStar 530 fluidics module, and LC ReSponder control software. The pump features improved scale-up capability with flow and pressure performance that permits flow rates of up to 200 ml/min at 4000 psi. The fluidics module gives users increased customizable control of the process stream from solvent selection through fraction collection. Both are controlled by the ReSponder software, which offers operator security as well as security of process records and system-specific validation protocols.

<http://www.varianinc.com>