

RESOURCES

NEW PRODUCTS

Chromatography



Heating system

The Eppendorf (Madison, WI) CH-500 integrated HPLC column heating system offers a temperature range of ambient to 150°C. Features include preheating channels, on/off remote control automation, and thermal cutout, and their modular design allows the heating blocks to be positioned to fit columns of 6-mm, 10-mm, or 13-mm outer diameters and varying lengths up to 30 cm.

Tel: +1 608 276 9855

Fax: +1 608 276 9866

RSN: 1065



Flash chromatography systems

Isco's (Lincoln, NE) parallel flash chromatography systems for high-throughput, multi-channel separation of organic compounds can run up to 10 samples simultaneously. Programmable functions include a high-capacity fraction collector, solvent switching, and system shutoff to allow unattended operation. A valveless metering pump is compatible with all common solvents used in normal- and reverse-phase liquid chromatography.

Tel: +1 402 464 0231

Fax: +1 402 464 0318

RSN: 1066

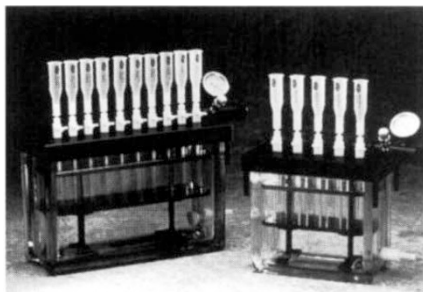
Modified membranes

A special surface modification to hollow-fiber membranes allows high flow rates with negligible backpressure. Large sample volumes can be processed within a short time using the Fractoflow ion exchangers from Merck (Darmstadt, Germany). The membranes, through tentacle technology, have a high enough ligand density to provide excellent protein binding capacity and can be run with HPLC and FPLC equipment and peristaltic pumps.

Tel: +49 61 5172 7555

Fax: +49 61 5172 3141

RSN: 1067



Sample processing station

The VacMaster from Jones Chromatography (Lakewood, CO) processes multiple samples simultaneously by solid phase extraction. Its flexible rack design can accommodate a number of collection vessels, and the one-piece needle design incorporates a straight-through flow path to avoid trapping or contamination. The vacuum manifold provides a safe, easy way to handle biological and hazardous materials. The VacMaster accepts all standard commercial Luer-tipped extraction columns.

Tel: +1 303 989 9200

Fax: +1 303 988 9478

RSN: 1069

Data acquisition software

The Turbochrom client/server chromatography data system from PE Nelson (Norwalk, CT) provides enhanced networked data acquisition from any commercial liquid or gas chromatograph. Available for Windows NT, the software enables multiple users to collect data in a secure network environment and to use a distributed computing architecture to view real-time data, set up and control instruments, and graphically view and reprocess data.

Tel: +1 203 762 4000

Fax: +1 203 762 4222

RSN: 1070



Automated HPLC system

The INTEGRAL 100Q Multidimensional Biospecific HPLC system from PerSeptive Biosystems (Framingham, MA) is a fully integrated workstation optimized for rapid protein analysis, characterization, and micropurification. It offers high sample recoveries and reproducible assays, and has a range of options including an autosampler, three 10-port switching valves, and precision pumps.

Tel: +1 508 383 7700

Fax: +1 508 383 7880

RSN: 1071

Gas chromatography

The latest gas chromatography equipment from Konik-Tech (Barcelona, Spain) is the HRGC 4000A. This machine offers a high-performance oven, with temperature stability of 0.01°C and a rapid cooling time from 250°C to 50°C in less than five minutes. An LCD-displayed microprocessor allows simultaneous visualization of all relevant parameters in a user friendly way. Options allow programming of flow and pressure of the carrier gas and all detector gases.

Tel: +34 3 9589 3360

Fax: +34 3 9589 3206

RSN: 1072



HPLC detector

ESA (Chelmsford, MA) has a stand-alone HPLC detector that uses an array of coulometric electrochemical sensors for detecting femtogram levels of analytes in complex samples. It can be added to an existing HPLC system, or is available in integrated gradient and isocratic system configurations.

Tel: +1 508 250 7000

Fax: +1 508 250 7090

RSN: 1073