

RESOURCES

NEW PRODUCTS

Spectroscopy



Fluorescence spectrophotometer

The F-2500 fluorescence spectrophotometer from Hitachi Instruments (San Jose, CA) features the FL Solutions software package for PC control and data handling. The flexible system architecture allows optional, application-specific software to be added to enhance the capabilities of the instrument, and it offers a built-in GLP program that allows the user to check resolution, noise, and hardware. A choice of slit widths is available for a variety of applications.

Tel: +1 408 432 0520
Fax: +1 408 432 0704
www.hii.hitachi.com
RSN: 1118

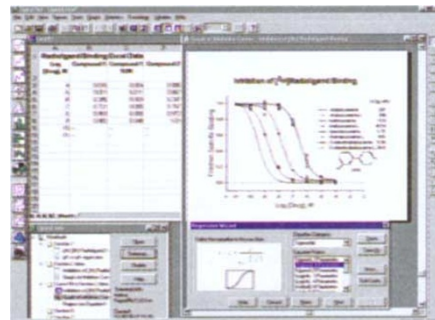


UV/visible spectrophotometer

The Spectronic (Rochester, NY) Genesys 5 UV/visible spectrophotometer provides high-quality results at a low cost. It features a 5-nm slit over the 200–1100 nm wavelength range and contains an 8-position cell holder for precise, automatic positioning of sample cells. The built-in LCD screen shows application program type, wavelength, sample ID, test name, and results, which can be sent to the optional internal printer or other printers via RS-232C or Centronics compatible ports.

Tel: +1 716 248 4000
Fax: +1 716 248 4014
www.spectronic.com
RSN: 1120

Software



Graphing and analysis

SigmaPlot 5.0 scientific graphing software from SPSS Inc. (Chicago, IL) maximizes productivity for researchers by streamlining work and customizing applications for their specific needs. SigmaPlot enables users to create exact 2D and 3D technical graphs for presenting research results and well as for automated data analysis. Mathematical functions can be easily plotted, and results can be integrated with Microsoft Excel, Word, and PowerPoint for Office 97 or embedded within customized software.

Tel: +1 800 543 2185
Fax: +1 800 841 0064
www.spss.com
RSN: 1122

Biomolecular wizards

The latest software upgrade for biomolecular binding studies allows new and experienced users to easily prepare and evaluate experiments. Control v3.0 from Biacore (Uppsala, Sweden) has various wizards that assist and advise during all surface preparation steps including stability testing. These wizards can recommend experimental plans for kinetic investigations, perform runs and automatically calculate and display apparent kinetic constants, sensorgrams, fitted curves, trend analyses, and results from control experiments.

Tel: +46 18 675700
Fax: +46 18 150110
RSN: 1123

CD-ROM

Hewlett Packard's (Palo Alto, CA) multimedia CD-ROM provides research, QA/QC, and method-development chemists with valuable information on UV/visible spectroscopy. Users can determine the appropriate system configuration for their laboratories and fax the included electronic request form to HP to receive a price quote and information on integrating the HP system into the target environment.

Tel: +1 800 227 9770
www.hp.com
RSN: 1124



Improved time-of-flight

A new mass spectrometer from Micromass (Manchester, UK) uses orthogonal acceleration time-of-flight technology and is designed as a benchtop workstation. This time-of-flight analyzer allows high-frequency sampling of ions across a mass range up to 10,000 m/z and is 100 times more sensitive than scanning analyzers. The LCT MS provides both molecular weight and comprehensive structural information for total characterization and is suitable for analyzing oligonucleotides, protein fragments, and any other organic or inorganic compound.

Tel: +44 161 945 4170
Fax: +44 161 998 8915
www.micromass.co.uk
RSN: 1119



Microplate spectrophotometer

The SPECTRAmax 190 high performance microplate spectrophotometer from Molecular Devices (Sunnyvale, CA) has a wavelength range of 190–850 nm and a 5-nm bandwidth, giving it the multi-sample capability of a microplate reader and the tunability of a spectrophotometer. Using the patented PathCheck sensor technology, users can easily check performance of pipetting devices, determine a sample's concentration without a standard curve, expand the dynamic range of the assay to >6 OD, and detect pipetting errors.

Tel: +1 408 747 1700
Fax: +1 408 747 3601
www.moldev.com
RSN: 1121