

Automated Microplate Reader

The new Synergy HTX Multi-Mode Microplate Reader is offered as an entry-level multi-mode reader to automate UV-Vis absorbance, fluorescence, luminescence, and AlphaScreen/AlphaLISA assays in 6- to 384-well microplates in 2 μ L samples with BioTek's Take3 Micro-Volume plates. The unique dual-optics design results in superior filter based top and bottom fluorescence-, luminescence-, and monochromator-based absorbance measurements for maximum applications versatility. Synergy HTX's modularity allows upgrading over time and the powerful Gen5 software controls all functionality while providing data analysis for many applications within one powerful yet intuitive package. Synergy HTX has linear and orbital shaking and 4-Zone incubation to 50°C with condensation control to minimize plate lid condensation. These features, plus an available dual reagent dispenser, make Synergy HTX an ideal platform for biochemical and cell-based applications like nucleic acid quantification, cell growth, and toxicity assays, kinetic enzyme-linked immunosorbent assay, and inject/read assays. Workflows can be further automated with the Bio-Stack Microplate Stacker or third-party automation.

BioTek Instruments

For info: 888-451-5171
www.biotek.com

Environmental Sample Evaporation

The EZ-2 ENVI is designed for gentle evaporation of volatile environmental samples and is proven to give excellent recovery and reproducibility. The fully automated system can concentrate a number of samples at the same time and provide protection from cross contamination and bumping. The ingenious patented design of SampleGenie enables the EZ-2 ENVI to productively concentrate environmental samples to less than 1ml without losing any volatile analytes. Years of experience in solvent evaporation and sample purification have culminated in a smart sample evaporator that saves you time and delivers optimal performance and solvent recovery. Running an EZ-2 ENVI evaporator is as simple as 1, 2, 3. Just load your samples, select maximum safe temperature for samples, select solvent type and hit start. Autostop, when dry or concentrated, means the EZ-2 offers truly unattended operation. Requiring no peripherals for operation the compact EZ-2 ENVI fits neatly onto a laboratory bench or into a fume hood.

Genevac

For info: +44-(0)-1473-240000
www.genevac.com/environmental



PCR Plastics

BrandTech Scientific, Inc. announces a new line of high-quality polymerase chain reaction plastics for standard and low-profile thermal cyclers. These products are made in one of the world's largest cleanroom facilities of its kind and are produced with the newest production technologies, raw materials, and quality testing. They have unique blue alpha-numeric coding and cut corner for easy well identification and handling resulting in more efficient workflow. Extra-thin and uniform walls combined with a rigid upper deck results in more optimal heat transfer and sturdiness for use with robotic equipment. Standard profile plates can now be sealed with cap strips using a unique capping and decapping tool. Low-profile non-skirted and half-skirted plates (0.15 mL) are available for use with popular thermal cyclers such as the Applied Biosystems 9800 Fast, 7900 HT, and 7500 Fast, BIORAD CFX96, and Eppendorf Mastercycler systems.

BrandTech Scientific

For info: 888-522-2726
www.brandtech.com

Raman Spectroscopy Software

Featuring a new 3-D surface and volume display module, LabSpec 6.3 is fully compatible with high-resolution confocal volume maps acquired with HORIBA's range of Raman microscopes. With full control of map rotation, transparency, filtering, and slicing, it is now very easy to view the internal chemical structure of complex heterogeneous samples. Topographic images from the range of combined Raman-AFM (Atomic Force Microscopes) and TERS (Tip-Enhanced Raman Spectroscopy) systems can also be rendered by the module, benefitting from full 3-D surface display with superimposed chemical distribution maps. Innovation and improvements throughout the software also include fully customizable templates for fast personalized reporting, the OneClick easy Raman acquisition tool, and the addition of Partial Least Squares to its multivariate analysis line-up. It also retains the advanced Raman-Particle characterization capabilities of the ParticleFinder module. LabSpec 6 is simple yet powerful software, which allows researchers to handle advanced analytical functionalities in multi-user environments.

HORIBA Scientific

For info: 732-494-8660
www.horiba.com/labspec6

Compound Data Visualization Software

Sentira is a new desktop application that provides dynamic data visualization and analysis of compound data. Applicable across all fields of chemistry, Sentira enables users to quickly find patterns in compound data, visualize structure-activity relationships (SAR) and elegantly present and report findings. Researchers can intuitively review and interpret compound data sets from large screening libraries to individual chemical series. Sentira provides a comprehensive range of plots, all with extensive and fully customizable features. Multiple plots can be created side-by-side, all dynamically linked to each other and the underlying data set, enabling quick identification of important relationships between compound properties. Flexible tools for SAR and matched pair analysis, coupled with a link to the underlying compound structures, affords insightful and intelligent compound data analysis. Sentira's simple design and user-friendly environment provides data management tools to perform calculations, merge, sort, filter, and tag data sets.

Optibrium

For info: +44-(0)-1223-815900
www.optibrium.com

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