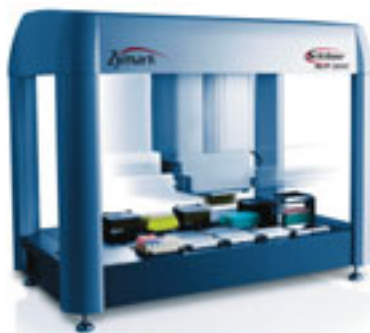


▶ newproductnotes



Assays/plates. The MultiScreen PAMPA (parallel artificial membrane permeability assay) and Permeability filter plates are for 96-well predictive non-cell-based assays. The plates support artificial-membrane strategies for passive transport assays and act as predictive models for oral absorption. High-throughput plates increase library screening over IAM columns. The plates are automation-compatible and are available with membranes to support PAMPA and Permeability assay requirements (10/pack).

Millipore www.millipore.com
Booth no. 120 @ LabAutomation2003



Liquid handling. The Sciclone ALH 3000 aspirates and dispenses in 96-, 384-, and 1536-well formats. The Sciclone has been updated with a new instrument control program, Sciclone Software (V3.0). It also comes with a new head design that allows the user to switch between high volume, low volume, and 100-nL multichannel dispense modules in less than 5 min. One instrument platform can cover the volume

range from 100 nL to 1.5 mL, and each dispense module has an electronic ID that is automatically detected by the new software so that upon exchange, no realignment or recalibration of the unit is required.

Zymark www.zymark.com
Booth no. 317 @ LabAutomation2003

Platform. The IQ Kinase assay platform provides high-throughput analysis of protein kinases. They are homogeneous and universal, so no antibody is required, and they can be used with any plate fluorometer. The IQ can be performed in 96-, 384-, or 1536-well formats, and specific IQ assay kits and reagents packs are available.

Pierce www.piercenet.com
Booth no. 515 @ LabAutomation2003



Capsule. The Minimate Tangential Flow Filtration Capsule is a disposable filtration device for research and entry-level production of new drugs. The filtration capsule enables rapid prototyping to accelerate and simplify scale-up for many bioprocessing applications. It is designed for single use, eliminating the need for cleaning and cleaning validation. The capsule's design retrofits to existing devices and prevents flexing when subjected to intense pressure drops. With a range of 10 mL to 2 L, it can be used in all areas of bioprocessing, including biotechnology, molecular biology, protein chemistry, biochemistry, microbiology, and immunology.

Pall Corporation www.pall.com
Booth no. 419 @ LabAutomation2003

Companies participating in LabAutomation2003
at Palm Springs, CA, Feb. 1–5 (see p 37)

► newproductnotes

Pipet tips. BioRobotix are liquid-sensing 96-well tips for use in workstations with a Span-8 pod. They are available in sterile, nonsterile, and filtered versions and are quality-control-tested on the actual workstation for which they were created. The 15 quality-control tests include parameters such as total indicator runout and percentage coefficient of variance.

Molecular Bioproducts www.mbpinc.com
Booth no. 727 @ LabAutomation2003

Software. BioPick is an automated solution for laboratories needing to build or manage bacterial libraries. It allows users to select subcloning, dual inoculation, or phage picking. The software allows users to set several critical parameters, such as dwell time and inoculation depth, and can operate unattended with complete plate-filling and lid-handling on board. It can pick from high-density source plates using a vision system that discriminates between blue/white, red/white, and clear plaques.

Apogent Discoveries www.apogentdiscoveries.com

Booth no. 625 @ LabAutomation2003



Workstations. The 4000 MPH series of instruments and the Microlab Star can perform sample normalization with Vector control software. Vector software accepts data from various plate reader manufacturers, calculates volumes, and creates appropriate pipetting sequences during run time. One method can be used for repeated normalization procedures with variable sample numbers, final volumes, and concentrations without reprogramming.

Hamilton www.hamiltoncompany.com
Booth no. 324 @ LabAutomation2003

Software. The LabCD system combines microscale fluid paths, reaction chambers, and passive valves on a disposable compact disc operating on one automated platform. This walk-away, fully integrated system

performs a wide range of ADME/Tox applications. Each family of assays is available with prevalidated protocols using specific reagents, hardware configuration, and data reduction software to allow direct access to information that enables quick selection of suitable candidates.

Tecan www.tecan.com

Booth no. 217 @ LabAutomation2003



Syringe filter. The Millex 33-mm syringe filter with Durapore PVDF Membrane is used for the sterile filtration of antibiotics, media preservatives, and protein-containing solutions. It offers nearly 20% more surface area than traditional 25-mm syringe filters, increasing flow rate and throughput and accelerating filtration. The filter has a maximum housing pressure of 150 psig (10 bar) and is available in 50 and 250 packs with pore sizes of 0.1, 0.22, and 0.45 μm .

Millipore www.millipore.com

Booth no. 120 @ LabAutomation2003

Enzymes. Three protein kinases added to this panel include a receptor tyrosine kinase, FGFR4, and two soluble tyrosine kinases, c-KIT and Yes. These active and pure kinases are available in microgram or milligram quantities.

PanVera LLC www.panvera.com

Booth no. 1138 @ LabAutomation2003

Nanoliter pipetting. The Mosquito has a bandolier spool of miniature syringelike micropipets that provide a continuous feed of disposable tips to the pipetting head. Each spool has 35,000 micropipets, which is enough to perform 1:1 transfers in more than 90×384 well plates. When a spool is finished, it is easily removed and replaced. The Mosquito is compatible with 96-, 384-, and 1536-well plates.

TTP Labtech www.ttplabtech.com

Booth no. 912 @ LabAutomation2003



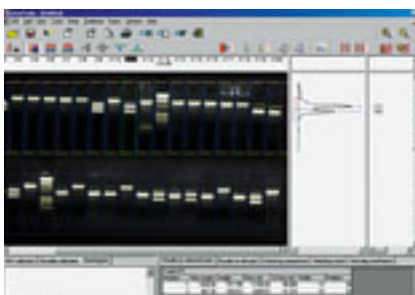
Micro-SPE plate. The ZipPlate is a 96-well sample preparation tool that can be used to perform both in-gel digestion and sample preparation prior to mass spectrometry. It has 300 nL of C18 media immobilized at the bottom of each well, so samples can be digested, desalted, and concentrated without being transferred between devices. Up to 96 samples can be processed in just 7 h, and it is compatible with existing liquid-handling systems.

Millipore www.millipore.com
Booth no. 120 @ LabAutomation2003



Imaging system. The FMBIO III Plus is a laser-based tool that provides four-color fluorescence detection and storage and phosphor imaging capability. It produces high-resolution, multicolor, multiplexed images and can be used for applications including genotyping, differential display mutation detection, human identification, Southern blot, microarrays, ELISA, and homogeneous assays. The system is compatible with gel, membrane, microplate, and microarray-based techniques.

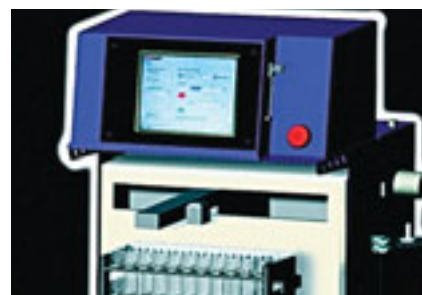
MiraiBio www.mirai.bio.com



Software. GeneTools has been updated to Version 3.1. The upgrade replaces man-

ual comparison of gel images with various rapid automated band- or spot-matching methods, and also includes a multilayer gel analysis capability for high-throughput screening. The software produces a full image analysis in seconds and can determine whether any bands in a selected track match any other band on the gel according to position, molecular weight, or R_f value. Results are displayed in one window as a gel image next to a dendrogram or comparison table and can be exported to Excel spreadsheets or text files for archiving or use in reports.

Syngene www.syngene.com



Chromatography platform. The Eclipse system is compact and designed to decrease setup time and upgrade purification results by integrating a pump, column, detector, collector, and control in one package. It uses a built-in computer with touch screen and a Windows-based wizard. A twin-piston pump system offers accurate positive displacement for low-pulsation solvent flow and binary gradient formation. The integrated UV detector has a wide dynamic range and low baseline noise.

Analogix www.ana-logix.com

Detection kit. The ECL Advance Western Blotting Detection Kit contains a high-sensitivity chemiluminescent substrate for the detection of immobilized protein. It enables scientists to visualize and identify proteins that previously went undetected because of low concentrations. The kit has a blocking agent that controls backgrounds and ensures a high level of signal intensity. Antibody concentrations can also be reduced to previously unmatched levels, allowing stocks of these potentially valuable preparations to be conserved.

Amersham Biosciences www.amershambiosciences.com

► For more information, go to www.adinfonow.org.