



Pipetting Robot

CyBio FeliX from Analytik Jena is a flexible, fully automatic, multichannel pipetting robot. Whether used in matrix-assisted laser desorption/ionization (MALDI) sample preparation, genetic engineering, nucleic acid extraction, or cell application, CyBio FeliX is suitable for the automation

of virtually every laboratory workflow. The modular system consists of a basic unit with a unique, two-level deck system and easy-to-change pipetting heads. The pipetting heads can automatically switch between different pipette tip magazines, pipetting tools, and other instruments (such as grippers). Further accessories, such as tip-washing stations and reservoirs, are also available. It is a closed, stand-alone system that features optional housing for a laminar-flow workbench and can be integrated into other automated systems.

Analytik Jena

For info: +49-3641-77-7444
www.analytik-jena.com

Multichannel Pipettes

Featuring 16- and 24-channel models, the new Eppendorf Research plus mechanical multichannel pipette and Eppendorf Xplorer plus electronic multichannel pipette can tackle entire columns and rows of a 384-well plate in a single step. Up to 24 reactions may be started and stopped simultaneously. An entire plate can be managed manually within the space of a minute. In this way, the user will save time while also improving the reproducibility of their results. The unique SOFTattach technology of the pipette tips utilizes elastic forming grooves that contribute to a perfect tip fit and a perfect seal. An extremely fine tip shape that displays perfect coaxiality makes secure maneuvering of samples easy.

Eppendorf

For info: 800-645-3050
www.eppendorf.com/ready-set-pipette

Cell Picking and Imaging System

CELL HANDLER from Yamaha enables selection and transfer of targeted cells (single cells, spheroids, and organoids) to a 384-well microplate—a very difficult process when using the conventional manual method—as well as high-throughput, precise image analysis. There is an ever-growing need for automation, labor saving, and digitization in biological research in the areas of drug discovery and development and regenerative medicine. CELL HANDLER performs rapid, accurate cell handling and data collection, which up to now has been performed using traditional methods that take an enormous amount of time and manual labor.

Yamaha

For info: 800-962-7926
global.yamaha-motor.com/business/hc

Lab-Equipment Synchronizing Software

Green Button Go software from Biosero integrates life science equipment to create a cohesive lab ecosystem that automates

testing and discovery workflows. It is easy to set up and supports a vast library of device drivers, making it plug-and-play with a variety of lab equipment, such as robotic arms, scanners, liquid handlers, washers, and readers. It eliminates surprise costs associated with installations and setup, reduces downtime, and is “future-proof,” being agnostic to any manufacturer’s hardware or software. Four software features help labs save time and improve the reliability and repeatability of critical tasks: Cloud-based downloads; artificial intelligence enabled; simulation and run analysis; and data access, integrity, and alerts. Using Green Button Go’s drag-and-drop user interface, scientists and lab technicians can set up and automate their workflows. Technicians can manage and schedule different methods to run simultaneously or at scheduled times—and even oversee their workflows remotely.

Biosero

For info: 858-880-7376
www.biosero.com

Smart Assistant for Cell Labs

PAULA, the world’s first Personal AUTomated Lab Assistant from Leica Microsystems, easily performs reliable confluence checks with consistent quality and automatically provides seamless documentation for multiple cell lines. PAULA can monitor cell cultures 24/7, even inside an incubator, and send you messages when the cells reach a predefined state. It is smart enough to learn new tasks as new applications and workflows become available from Leica. PAULA is based on a unique optical layout (patent pending) combining multichannel LED fluorescence and phase illumination with the highest optical quality and robustness of design (no moving parts are needed). The unique, integrated barcode reader makes obsolete the time-consuming and error-prone registration of samples; scanning is done prior to any measurements. PAULA can be operated and controlled remotely through standard off-the-shelf devices, such as tablets or PCs—so researchers no longer have to drive to the lab on weekends or holidays just to check the status of their cells.

Leica Microsystems

For info: 800-248-0123
www.leica-microsystems.com

Robotic Systems

Peak Analysis and Automation’s S-CEL robotic systems deliver tailored, fully integrated solutions for rapid assay scalability—from simple benchtop automation to complex, cell-based science. These systems effectively streamline both equipment usage and throughput, while simultaneously reducing the need for specialized knowledge to operate them, enabling researchers to focus on applications rather than automation. S-CEL’s impressive instrument density enables integration of multiple instruments while minimizing floor and height space. Safety is fundamental to the design of these systems, and they can be ETLus and NRTL certified. S-CEL systems exceed Biosafety Level 2 and are the only solutions on the market to provide a laminar air flow across the whole system to maintain sterility and protect valuable assays.

Peak Analysis and Automation

For info: 719-598-3555
www.paa-automation.com/product/s-cel/#tab-description

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