HANDHELD PIPETTING SYSTEM

Designed to enable labs to process samples simply and productively, the VIAFLO 384 is a new handheld 384-channel electronic pipette that enables fast, precise, and easy transfer of 384 samples simultaneously. Uniquely, the VIAFLO 384 offers all the benefits of increased sample throughput as well as lower sample and reagent use without the expense of having to invest in a robotic liquid handling system. The compact VIAFLO 384 comes with a choice of two 384-channel pipetting heads, which cover the volume ranges of 0.5–12.5 µL and 5–125 µL. The new system is fully compatible with VIAFLO 96-channel pipetting heads enabling easy switching between 96-channel and 384-channel pipetting using the same unit. The VIAFLO 384 features the company’s popular Touch Wheel pipette user interface for simple and fast programming of a wide range of pipetting modes including repeat dispense, serial dilute, and mixing routines.

Integra Biosciences
For info: +41-(0)-81-286-95-30 | www.integra-biosciences.com

LIGHT-SENSITIVE SAMPLE PROTECTION

To protect light-sensitive samples, a selection of high-quality black microplates and seals are offered that eliminate sample degradation, even over long storage periods. Manufactured from ultrapure grade polypropylene, Porvair black microplates are resistant to a wide range of solvents and have near-zero leachates, ensuring long-term sample integrity. The black plates are supplied RNase/DNase free meaning they can be used with even the most sensitive biological samples. Available in a choice of 96-well formats, these plates are precisely manufactured to applicable ANSI/SLAS dimensions ensuring complete compatibility with almost all readers and automated equipment. To prevent evaporation and hydration of DMSO solutions and to completely eliminate light from samples, a choice of black light-absorbing sealing films, which can be applied to the top of the black plates, are also available.

Porvair Sciences
For info: +44-(0)-1372-824290 | www.porvair-sciences.com

TUBE DECAPPER

The Univo Electric Decapper DC480 enables researchers tasked with opening multiple sample storage tubes to achieve significant productivity gains. The Univo Electric Decapper DC480 is not only compatible with all Micronic tubes (up to 1.40 mL) but also with tubes and caps of other brands. Through an improved user interface the operator is able to select any rack to decap, without using different adapters for different tube sizes or brands. Easy to install and operate, the compact Univo Electric Decapper DC480 removes and disposes of the push caps from a full 96-tube storage rack in eight seconds. Operation is safe and user friendly: simply place a rack of capped tubes onto the access tray, push the start button, and the Univo Electric Decapper DC480 will gently remove all the caps in one action. The integrated cap disposal device ensures that caps cannot be reused. The decapper can be used as a standalone instrument or be simply integrated into a fully automated laboratory environment.

Micronic
For info: +31-320-277070 | www.micronic.com

AUTOMATED INCUBATOR

The new Cytomat 10 is a fully automated incubator and storage module for high-capacity cell growth and assay incubation. Designed to fit into the busiest of cell biology or screening laboratories, the Cytomat 10 offers superior environmental control and can be seamlessly integrated with existing automated assay hardware. The Cytomat 10 provides a fast plate access time of less than 10 seconds. Additionally, multiple transfer positions and an under-bench version allow flexible incubator placement within the laboratory. As the first generation of automated incubator with a fully validated thermal decontamination system, the Cytomat 10 is designed to significantly decrease the risk of contamination and reduce assay variability. An efficient thermal disinfection method practically eliminates germs and spore suspensions, even in areas that are difficult to reach via manual cleaning.

Thermo Fisher Scientific

MICROMICROPETTES

A new range of micropipettes are designed to provide optimal ease of use and assure a high level of user comfort during operation, minimizing the risk of repetitive strain injury. Integral to the design of the variable volume pipette is an innovative soft grip and safety device on the thumb-controlled plunger. This feature prevents accidental volume changes during use, facilitating maximum precision and accuracy. The universal two-step plunger allows reverse pipette techniques to be performed and enables last drop dispensing. The micropipettes may be safely autoclaved at 120°C and 1.05 bar/15 psi for 15 minutes. Maintenance and adjustment are simple procedures as the user can readily recalibrate the micropipette with the adjustment tool supplied. There are eight variable models covering volume ranges from 0.1–5,000 µL. A further 14 fixed volume models compliment the range covering 5–10,000 µL and four or six position bench racks are available for easy storage.

Medline Scientific
For info: +44-(0)-1865-400321 | www.medlinescientific.com

For more information visit the Life Science Technologies New Products: General Lab Equipment page.
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