

Remote Incubator Monitor

Researchers can now be free to monitor and control their automated incubators from virtually any location where Wi-Fi Internet access is available. The Cymon remote monitoring application essentially replicates the Next Generation Display of the Cytomat 10 Automated Incubator on a Samsung 10.1 inch touchscreen tablet, which can be operated remotely. The Cymon application is available as an option for the Cytomat 10 incubator, which includes the application, a tablet, and a wireless router. The Cytomat 10 is a fully automated incubator and storage module for high-capacity cell growth and assay incubation. It is designed to access plates in less than 10 seconds and is equipped with a fully automated decontamination routine. It is the first incubator to feature the company's Next Generation Display, which uses icons to help users monitor and control process set points, temperature, humidity, CO₂, O₂, and logging of up to 1,000 data sets with selectable increments.

Thermo Fisher Scientific

For info: 800-556-2323
www.thermofisher.com/cytomat10

Liquid Handling Robot

The Microlab NIMBUS independent channel liquid handling robot is a small-scale liquid handler designed for space and budget-conscious labs. The NIMBUS system now adds a high-density deck to its repertoire of deck configurations. The new deck design allows up to 20 SBS deck locations all within the same compact footprint of the NIMBUS platform. The high-density deck increases throughput, enables longer walkaway times and utilizes flexible labware carriers for on-the-fly deck changes. The new high-density deck offers the most labware positions available compared to similar sized platforms in the industry of laboratory automation. The NIMBUS system also includes a 9 mm center-to-center independent channel system. The 9 mm spacing allows for random access across the entire deck surface. This spacing makes for easier programming, increased pipetting speed and simplified sample tracking. The 9 mm spacing is available with our four-channel pipetting arm.

Hamilton Robotics

For info: 508-648-5950
www.hamiltoncompany.com



Digital Dispenser

The popular HP D300 Digital Dispenser now allows customers to titrate low volumes of biomolecules in aqueous solutions, offering greater flexibility for drug discovery workflows. Users can choose between dispensing DMSO, for small molecule studies, and aqueous solutions in combination with a surfactant, for the investigation of proteins, antibodies, enzymes, and nucleic acids. Newly launched T8+ and D4+ Dispenseheads, combined with updated software, allow both new and existing customers to benefit from this breakthrough, offering straightforward setup of dose-response curves and synergy studies. New "fluid class" options allow users to optimize liquid dispensing performance to their specific buffers and surfactants, and an Enzyme Profile function enables fast and easy setup of titrations using differing combinations of enzymes, substrates, and other compounds. These innovative features, combined with the system's proven low volume dispensing performance, make it easy to perform complex experiments, such as enzyme characterization, Km determination, and exploring the effects of enzyme inhibitors.

Tecan

For info: +41-(0)-44-922-81-11
www.tecan.com/digitaltitration

structural support with minimal weight. TerraRacks have less than half the weight and plastic of conventional racks and, after use, nest inside one another, significantly reducing their volume and disposal costs. Because every rack is presterilized, individually wrapped, and sealed for maximum purity, TerraRacks do not need to be autoclaved.

Mettler Toledo

For info: 800-638-8537
www.mt.com/rainin

Isothermal Titration Calorimetry System

The Affinity ITC Auto is a fully automated, isothermal titration calorimeter for characterizing a wide variety of molecular interactions, including protein-protein binding, drug-ligand binding, small molecule-receptor interaction, and enzyme kinetics. This automated ITC is available with fixed in place cells of either the standard volume (1.0 mL) or low volume (190 μ L). For laboratories requiring higher throughput of ITC measurements, this new instrument improves sample throughput with an industry-proven 96-well plate liquid handling system and ensures the utmost reliability in an automated system through all-new innovations to provide the most accurate, reproducible, high-quality ITC data. Intelligent Hardware Positioning is an integral part of the Affinity ITC Auto that adds accuracy and dependability to the automation hardware. The Affinity ITC Auto features the new FlexSpin stirring and AccuShot injection systems and provides the next step in ITC innovations while maintaining instrument flexibility and the highest sensitivity available.

TA Instruments

For info: 302-427-4000
www.tainstruments.com

Pipette Tip Racks

The new Rainin TerraRack line of pipette tip racks is an innovative solution to minimizing the problem of plastic tip rack waste. TerraRacks are 50% lighter than conventional tip racks, highly compressible when empty and completely recyclable. TerraRacks are composed largely of PETE (polyethylene terephthalate), exceptionally strong polyester that's easy to recycle and in high demand as a post-waste commodity. The TerraRack shell, with its hinged lid and front latch, is molded as a single PETE unit, making it exceptionally lightweight. A polypropylene tip deck snaps into the shell, adding

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