Liquid handling



Reagent water

Millipore's Analyzer Feed System (AFS) family of purification systems produces reagent water from tap water for direct-feed to clinical analyzers. The purified water produced is ideal for on-board applications such as serum dilution, reagent reconstitution and cuvette washing. The multiple technologies required to produce Type I water include the Progard 3 Pretreatment Pack with activated carbon and particulate prefiltration to remove tap-water contaminants, an anti-scalant to reduce principal ionic and organic contaminants and colloidal silica, and the Q-Gard A Purification Pack to eliminate inorganic contaminants. A degasser option is available to remove dissolved gases from the final product water. http://www.millipore.com/



Pipette and tip system

The Eppendorf Research 10-ml pipette and tip system features one-handed volume adjustment, four-digit magnified volume display, an autoclavable lower portion, a hand rest hook that helps keep the pipette in place and a replaceable filter in the nose cone that prevents contamination of the pipette interior. Combined with the Eppendorf 10-ml epTip, the system provides flexibility and ease of use for pipetting volumes from 1 to 10 ml in a wide variety of vessels.

http://www.eppendorf.com/



Automated liquid transfer

Xiril uses proven air displacement technology for accurate liquid transfers. Xiril liquid handlers feature a robotic hand, one to four tips per arm, liquid level detection with standard disposable tips and an internal Windowsbased computer. The innovative modular design incorporates all electronics and XYZ drives within each arm. Additionally, the abil-

Microarrays

Microarray analysis

Vector *Xpression* 3.0 has a comprehensive set of peer-reviewed gene expression analysis tools in a graphically rich interface. Its exclusive Dynamic Enhancement System captures, automates and integrates breakthrough operations, proprietary protocols and analysis techniques. Microarray analysis tools include the published Li and Wong MBEI normalization of Affymetrix raw data files (.cel files), and links to InforMax's Vector *NTI Advance* and Vector *PathBlazer*. In addition, an R and MATLAB editing and scripting tool allows for the creation of complex statistical and mathematical algorithms.

http://www.informaxinc.com/

ity to read bar codes and actively attach and remove the robotic handler from the pipetting arm ensures maximum efficiency. http://www.xiril.com/



Liquid handling module

The Nanomek Liquid Transfer Module from Beckman Coulter can pipette volumes from 50 nl to 20 l, enabling the miniaturization of assays in genomics, proteomics and highthroughput screening applications. The module integrates directly with Beckman Coulter's Biomek FX platform and incorporates Allegro Technologies' Spot-on liquid-handling technology for increased dispensation control, precision, accuracy and reliability. http://www.beckmancoulter.com/

Microarray slide kits

Matrix Technologies' new ez-rays universal microarray surface can be used a broad range of probe types, including modified and unmodified long (>35mer) oligonucleotides, PCR products, recombinant clones and genomic DNA. They provide high signal intensity, low background and excellent reproducibility for high-quality microarray fabrication. The improved surface is superior to standard aminosilane coatings in shelf life, performance and reproducibility. Kits include 20 coated slides and all the required reagents for printing, including two spotting buffers for universal or Acrydite-probe attachment. http://www.matrixtechcorp.com/