

Replacement Parts for HPLC Pumps

A line of completely compatible replacement parts for Waters and Beckman high-performance liquid chromatography (HPLC) pumps are now available. Check valves, seals, and pistons manufactured specifically for the pumps are available at cost savings of 20 to 30% over the manufacturers' replacement parts. The Nest Group. Circle 566.

Nucleic Acid Purification System

GENEPURE 341 is a higher performance version of an earlier nucleic acid purification system model. The new system costs less than its predecessor yet delivers higher throughput and a choice of conventional phenol-chloroform or fast nonorganic methods for genomic DNA purification. GENEPURE automates the purification of genomic DNA or RNA from sources as diverse as whole blood, plants, leukocytes, tissue cell culture, and viruses. Flexible programming and a choice of chemistries allow the researcher to customize instrument cycles depending on sample type and end use. For example, the nonorganic fast cycle takes 1.5 hours to isolate polymerase chain reaction-quality genomic DNA from relatively clean white blood cell fractions, nuclei preps, and cultured cells. The conventional phenol-chloroform method can be used for more complex starting samples, such as whole blood. Applied Biosystems. Circle 565.

Ultrasonic Cleaners

A line of ultrasonic cleaners and accessories for laboratory tools and instruments chemically and mechanically lift off contaminants with alternating high- and low-pressure waves. The capacities of the clean-

Newly offered instrumentation, apparatus, and laboratory materials of interest to researchers in all disciplines in academic, industrial, and government organizations are featured in this space. Emphasis is given to purpose, chief characteristics, and availability of products and materials. Endorsement by *Science* or AAAS is not implied. Additional information may be obtained from the manufacturers or suppliers named by circling the appropriate number on the Readers' Service Card and placing it in a mailbox. Postage is free.

ers are 0.53, 1.06, 1.9, 3.2, and 10.4 liters. The three larger units feature timers and are available with heaters. Each model features a 20-gauge stainless steel tanks, housing, and cover with handle. Fisher Scientific. Circle 571.

High-Purity Water Station

The WaterPro Work Station is designed for applications requiring ion-free, bacteria-free, and organic-free water. Models are also available with an ultrafilter to deliver pyrogen-free water. All filters and membranes are housed in a compact cabinet with epoxy-coated steel front and sides. The front door lifts off for easy access to internal components. A feedwater line, drain line, and electrical outlet are the only connections required to be operational. Available as under-counter or free-standing units, WaterPro Work Stations will fit where counter or wall space is scarce. Two types of water are delivered at a rate of up to 1.6 liters per minute. Laboratory-grade water comes from a gooseneck faucet. Type I reagent-grade water comes from a dispensing gun in a heated "holster" to protect against bacterial contamination. Labconco Corp. Circle 560.

Motion Analyzer

The Kodak EktaPro EM (electronic memory) is a high-speed image processor with a solid-state memory. The processor can continuously store up to 1200 images in DRAM (buffer) memory. It is compatible with the Kodak EktaPro 1000 imager, the Kodak EktaPro high-gain imager, and the Kodak EktaPro intensified imager. Kodak's high-speed motion analysis systems are designed to record events that occur too fast for the human eye to follow, so they can be reviewed in slow motion or one frame at a time. Eastman Kodak. Circle 559.

Four-Lane Animal Exerciser

Model Exer-4 is an exerciser designed for four animals at a time. Its speed is electronically controlled from 0 to 2 m/s. Elevation can be adjusted in steps. The exerciser has a single flat running belt over which four transparent Plexiglas compartments are suspended to confine and separate the animals. At the beginning of the belt's exerciser are four electrical stimulus grids. An air puff option is available as an alternative stimulus. Columbus Instruments. Circle 548.

Microbial Control for Pure Water Systems

The gar-DI-on, for use in pure water systems, is a two-channel ultraviolet sterilizer that brackets the purification media and prevents microbial growth on carbon, resins, and membranes. Controlling the micro-



bial population in a system's components eliminates the problems caused by microorganisms and their by-products, such as ribonuclease, endotoxins, and particles, in purified water. Eliminating this biofilm buildup increases the capacity of the ion-exchange resins. Epco Technologies. Circle 550.

Literature

Advanced HPLC Instrumentation is a colorful brochure that describes a line of advanced microprocessor-controlled pumps, low- and high-pressure gradient systems, two new robotic autosamplers, a complete range of detectors, chromatography integrators, and personal computer software for data handling and system control. Hitachi Instruments. Circle 435.

High Resolution Chromatography Products is a catalog that lists new sample preparation products, plus hundreds of columns, accessories, and standards for integrated sample analysis via gas chromatography and high-performance liquid chromatography. J&W Scientific. Circle 437.

Biological and Cultural Tests for Control of Plant Diseases "B&C Tests," Volume 5, is a new book featuring research by 95 plant pathologists. APS Press. Circle 438.

Immunovations is a newsletter designed to keep the immunologist aware of advances in the field. The publication highlights proceedings of recent scientific meetings, discusses current research applications and procedures, and features descriptions of T Cell Sciences' latest products. T Cell Sciences. Circle 439.

Catch it . . . is a four-page guide featuring a line of digital oscilloscopes and arbitrary function generators. LeCroy. Circle 444.

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