

## Benchtop Safety Shields

The Biohazard Shield is a free-standing, clear protective barrier for use by laboratory personnel working with biohazardous material. The shield is 20 inches high and 18 inches wide, with a 12-inch-deep base. Iso-lab. Circle 462.

The Betastation 200 provides protection from beta radiation and infectious disease chemistries. The hinged acrylic shield and ABS (acrylonitrile butadiene styrene resin) tray provide multiple shield angles and a contained work environment as well as a temporary storage container. Benchmark Technologies. Circle 463.

The Oncor Safety Workstation shields the user from beta emissions, contains chemical spills, and offers protection from splashes. The clear acrylic housing provides a completely enclosed area 24 inches high, 24 inches wide, and 19 inches deep with hinged double doors on each side. Four removable racks hold tubes or other equipment. Oncor. Circle 464.

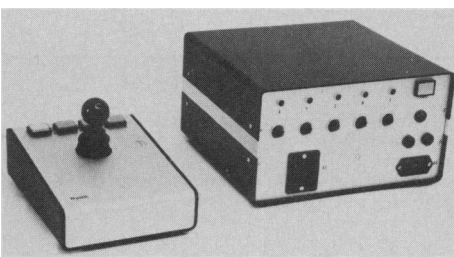
## Reagent-Grade Water System

Researchers can now turn tapwater into 18-megohm, bacteria-free, reagent grade water at up to 2 liters per minute with the new RGW-5 Phototronic water system. Designed to meet the standards of the College of American Pathologists, National Committee for Laboratory Standards, and American Society for Testing and Materials, the system employs five purification steps. They include carbon adsorption, a triple deionization process to remove ionic impurities, and submicron filtration to remove particulates and bacteria down to 0.2  $\mu\text{m}$ . The RGW-5 system contains no moving parts. A range of options is available with either digital purity meters or low-cost purity lights. A reverse-osmosis pretreatment option can extend deionizer cartridge life where total dissolved solids in tapwater exceed ten grains per gallon. Bellco Biotechnology. Circle 470.

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.

## Universal Joystick

A new Universal Joystick can simultaneously control two dc motors in movements through up to five axes. Originally developed for the precision required in scan-



ning electron microscopy, the joystick can be used in virtually any application where infinitesimal control over motion is needed. Raith USA. Circle 459.

## Cell Growth Matrix

Vetrax VX-100 Microspheres are an innovative matrix designed to optimize animal cell culture growth. They have an open, porous structure made of native collagen to create an expansive, tissue-like environment



for the culture of both anchorage- and suspension-preferred cells. With a proven track record in commercial-scale biopharmaceutical production, they are now available for use by research cell biologists and process development engineers. Verax Corp. Circle 479.

## DNA Fingerprinting Kit

The SNAP DNA Fingerprinting Kit is a nonradioactive DNA probe that can create a genetic bar code from any mammalian DNA source. The enzyme-labeled probe is specific

to multiple loci in the mammalian genome with sensitivity equivalent to isotopic probes. The SNAP system can be used for cell line characterization, tissue typing, identification and paternity studies, gene mapping, and quality control of inbred and transgenic laboratory animals. Molecular Biosystems. Circle 472.

## Large Volume Protein Immunoblotting

The Mega-Dalt-20 can blot nine full-size protein immunoblot gels in an efficient use of time, space, and buffer. It can also be used to run up to 20 SDS-polyacrylamide gel electrophoresis gels. The manufacturer can supply all the other components of the system from premixed buffer to a wide variety of transfer membranes and stains for blotting. Integrated Separation Systems. Circle 491.

## Literature

*Bioproducts for Science for 1989-90* describes a wide range of more than 2000 immunological products and services for research, including growth factors and monoclonal and polyclonal antibodies. Bioproducts for Science. Circle 506.

*1989 Peptides Catalog* lists more than 600 bioactive peptides, 500 small peptides and substrates, 150 polypeptides, and selected technical books. Sigma Chemical Co. Circle 508.

*1989 Plant Cell Culture Catalog* is an 80-page listing of over 150 products, including powdered media, basal salt mixtures and solutions, vitamin mixtures and solutions, antibiotics, gelling agents, and plant growth regulators. It also lists equipment and technical publications for the plant tissue culture laboratory. Sigma Chemical Co. Circle 509.

The American Type Culture Collection has published a July 1989 supplement to its *1986 Animal and Plant Virus Catalogue*. The supplement lists 6 new viruses, 20 polyclonal antisera, and 14 molecularly cloned viruses. American Type Culture Collection. Circle 511.

*1989-90 General Chemical Catalog* lists over 4000 chemicals for laboratory, research, and pilot-scale applications, with complete specifications and hazard, storage, and shipping information. Spectrum Chemical Mfg. Corp. Circle 514.

*MonoCarb Catalog* lists a new line of monoclonal antibodies recognizing carbohydrate epitopes. Also listed are lines of pure oligosaccharides, HSA-conjugates, and affinity gels. MonoCarb AB. Circle 518.

# Science

## Products & Materials

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