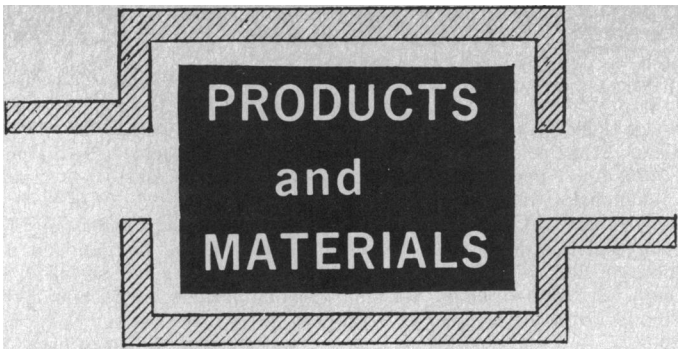

Hybrid Minicomputer

The MiniHYBRID includes a digital processor with 16K words of core memory and 133K floppy disk capacity, a parallel analog processor, a hybrid communications interface with 60 analog-digital channels, and a teletypewriter. It is expandable to include an alphanumeric-graphic CRT terminal, an X-Y plotter, and further interfacing. The main applications will be in research in simulation in real or fast time. Electronic Associates. Circle 668.

Myocardial Infarction Indicator

The CPK-CS system provides matched columns and optimum substrates for the detection of creatine phosphokinase isozymes. The MB fraction of CPK is a specific indicator for the detection of myocardial infarction. The definitive separation of the fraction virtually eliminates false positive and false negative results. The system is packaged for either manual procedures or for use with automated kinetic analyzers. The analysis is completed in less than a day and results are quantitative. Hoffmann–La Roche, Roche Diagnostics Division. Circle 669.

Scanning Electron Microscope

The 1200/01 scanning electron microscope has a resolution of 70 angstroms. It may be operated in secondary electron, backscattered electron, line, spot, and cathodoluminescence modes. Magnification is 20 to 300,000 power. Features include a goniometric z-motion stage, autofocus control, externally selectable and alignable final apertures, high-resolution camera, and gamma nonlinear amplification. The front-loading chamber slides out to accommodate samples up to 3 inches in diameter, 1 inch thick, or 4 by 2 by 2 inches. Operator selects acceleration voltages of 2, 5, 15, or 25 kilovolts. AMR. Circle 666.

Small Helium Neon Laser

The ME-620 is an 8.625 by 1.375 inch cylindrical helium neon laser. It features adjustable mounting rings. The front and rear rings are locked in place with an Allen wrench. The beam may be positioned concentrically or off-center. Because the front ring is threaded to accept accessories and optics, alignment of the laser also centers the optics. The power is 0.8 milliwatt. The device consists of a power supply, a 2-meter cable, and the laser head. If the head requires replacement, it can be changed quickly. Metrologic Instruments. Circle 667.

Programmable Freezing System

The model 900 freezing controller and the model 972 chamber eliminate subcooling before phase change which enhances or preserves viability of the sample. A dual chart displays a continuous, simultaneous trace of both the sample temperature and the chamber temperature on a single chart track. Freezing cycles may be programmed to ensure reproducibility. Rate of cooling is included in the program but any step in a freezing cycle may be readjusted manually during the cycle. Cryo-Med. Circle 670.

Dew Point–Temperature Monitor

Model 220 is accurate to within ± 0.5°C over a dew point and temperature range of −50° to +50°C. The dual, direct current linear outputs (0 to 10 volts) are suitable for interfacing to data processing equipment. The sensor uses a Peltier-cooled mirror held at the dew point temperature by a photoresistive, condensate-detecting optical system. The technique is a direct measurement and no calibration is required. The device is adaptable to fieldwork or to monitoring within environmental simulators. The complete system consists of a transmitter containing the sensor, a control unit with amplifier and signal conditioner, and a sensor cable which may be up to 500 feet long. Environmental Equipment Division, EG&G. Circle 665.

Derivatizing Reagent Kits

Two kits are available, each contains six derivatizing agents. Each 25-milliliter bottle is sealed to assure stability and reactivity. Replacements of individual reagents are available, independent of the kits. Kit I includes heptafluorobutyric anhydride, heptafluorobutryl chloride, trifluoroacetic acid (high purity), trimethylbromosilane, hexamethyldisilazane, and trifluoroacetic anhydride. Kit II includes heptafluorobutyric acid; trifluoroacetic acid (high purity); trimethylchlorosilane; 1,1,3,3-tetramethyldisilazane; chloromethyldimethylchlorosilane and *N,N*-diethylaminotrimethylsilane PCR. Circle 677.

Literature

Photosensor Catalog includes general-purpose, planar, standard, and special enhanced photosensors, as well as punched tape and card sensor, silicone solar cells, and 1-watt solar panels. Optical Coating Laboratory. Circle 671.

Fume Hoods are depicted in an illustrated catalog in addition to their accessories and fixtures. Duralab Equipment. Circle 672.

Continuous Gas Monitors describes devices for detecting trace amounts of many organic and some inorganic gases. H·Nu Systems. Circle 673.

FX100 Spectrophotometer is a 100-megahertz nuclear magnetic resonance instrument that features programmed operation. JEOL Analytical Instruments. Circle 674.

Dual Station Stereomicroscopes lists applications and optical accessories. Wild Heerbrugg Instruments. Circle 675.

Monochromators, Light Sources and Photodetectors is devoted to instruments for the generation and detection of light. Schoeffel Instrument. Circle 676.

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 (on pages 946A and 1034A) and placing it in the mailbox. Postage is free.
—RICHARD G. SOMMER

PRODUCTS and MATERIALS

Science **193** (4257), 1035.
DOI: 10.1126/science.193.4257.1035