
New Products



ANALYTICAL BALANCE

Brinkmann's Sartorius Model 1615 MP6-BCD dual-range analytical balance is designed to provide high capacity and analytical accuracy with top loading convenience. Capacities range from 80 to 300g with readabilities of 0.1mg; 1mg. Calibration is automatic. Details: Brinkmann Instruments Co., Sybron Corp., Cantiague Road, Westbury, NY 11590.

COMPUTER DATA SYSTEM

Instrumentation Laboratory says its new IL Data System is designed for use with the firm's video atomic absorption spectrophotometers. The system is based on a Tandy Corporation Model II microcomputer and contains 64K bytes of random access memory (RAM) and holds a floppy disk which can store 500K bytes. Data can be displayed on a video tube and is keyboard-controlled. Information: Instrumentation Laboratory, Wilmington, MA 01887.

GC CONTROL MODULE

Hewlett-Packard is offering an electronic-flow/pressure control module for use with the HP 5880A gas chromatograph. The module permits the operator to set, list, program and plot carrier-gas flow or pressure using simplified keyboard commands. Information: Inquiries manager, Hewlett-Packard, Co., 1820 Embarcadero Rd., Palo Alto, CA 94303.

GLASSWARE DRYERS

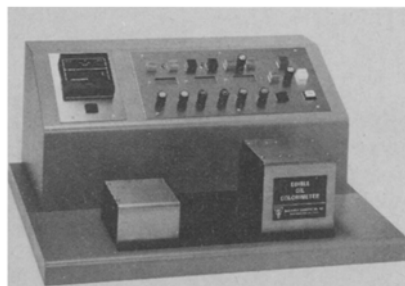
Lab-Aire's glassware dryers, Models 160, 161 and 162, uses continuous warm air circulation through various size drying pegs. Temperatures may be set to 203 F, 95 C. Information: Technilab Instruments Inc., Pequannock, NJ 07440.

REMOTE THERMOMETER

Wahl's portable Photo-Scan infrared thermometer provides a temperature trace superimposed on a photograph of the observed target. The unit records five selectable spans from 10 C to 1000 C with a spectral range of 3.2-20 microns, Wahl says. Information: Photo-Scan Division, Wahl Instruments Inc., 5750 Hannum Ave., Culver City, CA 90230.

STABILIZER

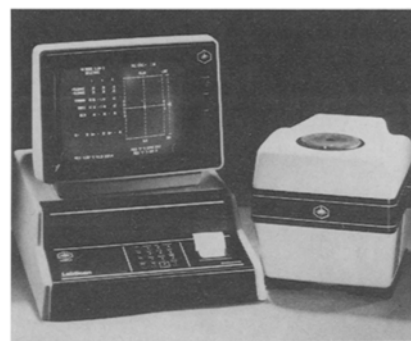
TIC Gums Inc. is offering its Saladizer #263 for use in salt-free, 40% oil imitation mayonnaise. The firm says the blend of modified starches and natural gums imparts a smooth texture and creamy mouthfeel without heating. Shelf viscosity tested at 140,000 centipoise after 24 hours, 130,000 after 30 days, and 127,000 after 60 days, the firm says. Information: TIC Gums Inc., 144 E. 44th St., New York, NY 10017.



EDIBLE OIL COLORIMETER

McCloskey Scientific Industries Inc. offers a six-channel edible oil colorimeter designed to analyze for color

by expressing red and yellow values to correlate with AOCS and European specifications. Two channels are used to determine either chlorophyll A or B in ranges from 5 ppb to 40 ppb. Another channel is used to determine beta-carotene in three ranges from 0.1 to 44 ppm. Details: McCloskey Scientific Industries Inc., PO Box 69, Newfoundland, NJ 07435.

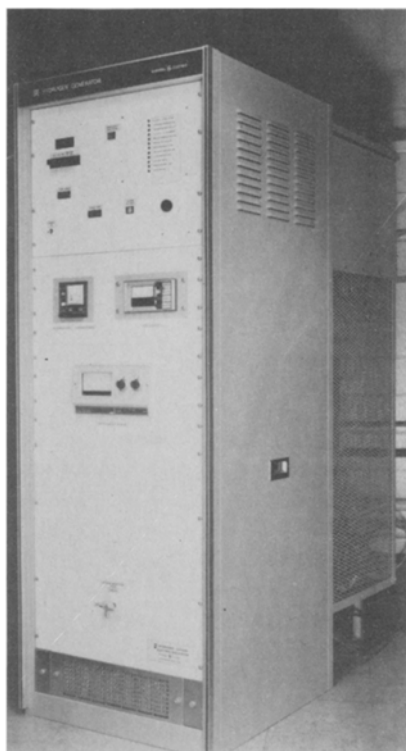


SPECTROCOLORIMETER

HunterLab's has introduced its Lab-Scan Spectrocolorimeter, a full scanning spectral based colorimeter which performs continuous spectral scanning from 400-700 nm in 0.8 seconds. Data output is available in two seconds and may be keyed to several standard color scales. Information: HunterLab Inc., 11495 Sunset Hills Rd., Reston, VA 22090.

MOLECULAR MODELS

Molecular Design Ltd., is offering a computer program designed especially for drawing molecular structures to model and analyze. The system can be used to draw any molecule containing up to 256 atoms directly on the screen of a graphics terminal. The user selects options—bonds, atoms, charge, isotope notation and stereochemistry—with the software automatically computing correct bond lengths, angles and proportions. Information: Molecular Design, Hayward, CA.



HYDROGEN GAS GENERATOR

ES-1000 SPE (Solid Polymer Electrolyte) Hydrogen Gas Generator System is the newest from General Electric Company. It covers hydrogen output capacities from 100 to 750 SCFH and offers users of merchant hydrogen a safe, cost-effective, easily installed, automatic system to generate high-purity hydrogen on-site. It was developed to meet the needs of the electric utility industry, where hydrogen is used as a cooling medium in large electric generators. The ES-1000 generates hydrogen by water electrolysis, but in a manner which eliminates the hazardous and corrosive liquid caustic electrolytes used in other electrolysis systems.

SOLVENT RECOVERY

Crown Iron Works' process equipment division is offering a solvent recovery system to remove vapors from process vent air before release to the atmosphere. Crown says units in service have proven to be 97% efficient. Units use mineral oil in a packed column to absorb solvent. Details:

Crown Iron Works Company, Process System Equipment Division, 1229 Tyler St. NE, PO Box 1364, Minneapolis, MN 55440.

HYDROGEN GAS GENERATOR

General Electric is offering its ES-1000 Solid Polymer Electrolyte Hydrogen Gas Generator System with capacities from 100 to 750 SCFH. GE says the system is competitive with costs of buying hydrogen and eliminated hazardous and corrosive liquid caustic electrolytes. Information: General Electric Co., Electrochemical Energy Conversion Programs, 50 Fordham Road, Wilmington, MA 01887.



OXYGEN ANALYZER

Beckman Model 755A Gaseous Oxygen Analyzer is a pressure-compensated oxygen analyzer for 0-100% gaseous measurements. In food application, the firm notes, the unit could be used to control inert gas blanketing. The analyzer offers expanded scales in selected ranges. Details: Beckman Instruments Inc., 2500 Harbor Blvd., Box 3100, Fullerton, CA 92634.

BIODISPERSANT

Tetrolite says its Tolsperse TCW 4005 biodispersant increases effectiveness of biocides used to treat cooling water systems and thus reduces microbial deposits that can contribute to corrosion. The dispersant is a nonionic polymeric surfactant and may be used in once-through and recirculating systems. Details: Tetrolite Industrial Group, Petrolite Corp., 369 Marshall Ave., St. Louis, MO 63119.

REMOTE pH MONITOR

McNab Inc. says its Aqua Purometer IH and II pH systems can be used with monitors or controllers more than 500 feet from the sensing probe because the pH probe output signal is balanced in the electronics of the monitor. This permits operation in hazardous environments, the firm says. Information: McNab Inc., 20 N. MacQuesten Parkway, Mount Vernon, NY 10550.

NEW PRODUCT LITERATURE

Polyox Water-Soluble Resins in Personal Care Products, a 20-page booklet describing performance advantages and aesthetic properties of personal care products containing polyox resins, has been issued by Union Carbide Corp., Water-Soluble Polymers, Specialty Chemicals and Plastics Div., Dept. M1552, Danbury, CT 06817. . . **Reliance Electric Modernization Services**, 5580 Beta Dr., Cleveland, OH 44143, offers a two-page illustrated bulletin describing how electrical brakes apply DC current to eliminate fan drive problems in cooling towers during shutdown periods. . . **The Spex Catalyst Handbook/Catalog**, containing information on homogeneous and heterogeneous catalysts and their applications and reaction conditions, is available from Spex Industries, Inc., 3880 Park Ave, Metuchen, NJ 08840. . . Available from Nationwide Electronic Systems, Inc., 1536 Brandy Parkway, Streamwood, IL 60103, is the **NES Short Form Catalog** covering the Slimline series of digital panel meters and data acquisition modules, including ranges, prices and application ideas. . . **Instruments and Systems for the Vegetable Oil Industry**, a new publication available from the Foxboro Company, Dept. 120, Foxboro, MA 02035, describes applications references for flowmeters, pneumatic and electronic controllers, level transmitters and a computerized refinery utilizing the Spectrum distributed control system. . . The advantages of using liquid hydrogen to supplement on-site, gaseous generation are discussed in a brochure from Air Products and Chemicals, Inc., Industrial Gas General Products, Box 538, Allentown, PA 18105.