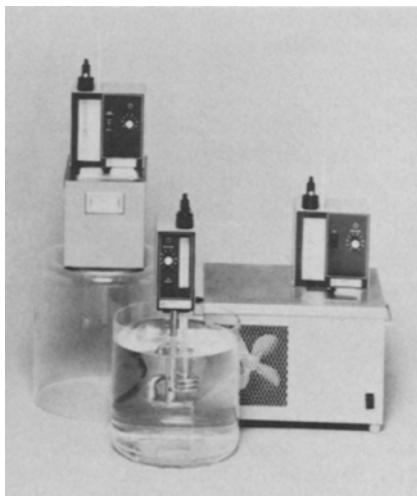

New Products

SPECTROPHOTOMETERS

Sargent-Welch Scientific Co. has announced two new models in their line of ultraviolet/visible recording spectrophotometers. Models 8-300 and 8-400 feature a wide range of accessories for autosampling, kinetic studies and many others, as well as silica-coated optics to maintain the highest performance through the life of the instrument. Contact: Alan Devenish, Product Manager, 7300 N. Linder Ave., Skokie, IL 60076.

SIGNAL CONVERTER

Fischer & Porter has developed a signal converter which operates in conjunction with its Mag-X series of magnetic flowmeters. The signal converter also provides analog and optional digital outputs, with percentage of rate performance as standard. Contact: Fischer & Porter Co., 428 Jacksonville Rd., Warminster, PA 18974.



NEW CIRCULATORS/BATHS

Fisher Scientific is now offering 3 circulators/baths: the Model 73 Immersion Circulator, the Model 80 Bath-&-Circulator and the Model 90 Refrigerated Bath-&-Circulator. All incorporate Calrod immersion heaters and self-priming pumps housed in stainless-steel, mercury-contact thermoregulators, and -20 to 150 C mercury thermometers. Contact: Fisher Scientific Co., 711 Forbes Ave., Pittsburgh, PA 15219.

HEATING CIRCULATOR

Haake, Inc. has produced a heating bath and circulator, Model D1L, which they say is capable of maintaining the temperature of liquids

anywhere from 0 to +85 C with an accuracy of ± 0.2 C. Model D1L has been designed for temperature control of liquid in its own 3-liter bath or in external jacketed laboratory equipment and features a built-in safety fuse. Contact: Gerhard Risch, Haake, Inc., 244 Saddle River Rd., Saddle Brook, NJ 07662.

BATCH MIXING SYSTEM

Mixing Equipment Company, a unit of General Signal, is now marketing its "Lightnin" containerized batch mixing system. The system is based on a materials module that serves as a container for precombining of ingredients, transport to mixing facility, mixing and storage. The system has applications in the fields of cosmetics, pharmaceuticals, industrial and agricultural chemicals, foods, plastics, ceramics and metal compounds. Contact: Mixing Equipment Co. Inc., 170 Mt. Read Blvd., PO Box 1370, Rochester, NY 14603.

LIQUID CHROMATOGRAPH

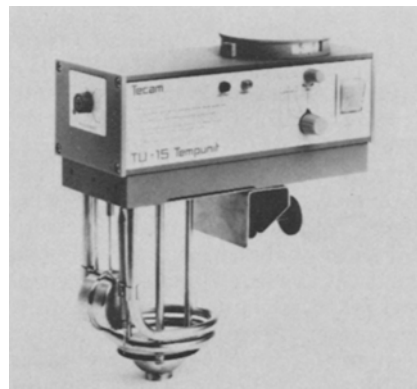
The Varian model 5060 Liquid Chromatograph features ternary solvent delivery, new injector, and detector and computer interface package options. The microprocessor-controlled pump can deliver any combination of 3 solvents simultaneously for custom isocratic mobile phases. An optional computer software package and the UV-50 variable wavelength detector also is available. Contact: Varian, 611 Hansen Way, Palo Alto, CA 94303.



POCKET-SIZED THERMOMETERS

Pocket-sized digital thermometer systems by Wahl Instruments, Inc. measure the temperature of surfaces,

liquids, air and gases over a range of -100 to 550 C. The battery-operated Digital Heat-Prober LED model 392 and LCD model 350X mate with more than 20 2-point calibrated interchangeable low mass probes. The systems use platinum sensors for portable precision accuracy. Contact: Heat-Prober Division, Wahl Instruments, Inc., 5750 Hannum Ave., Culver City, CA 90230.



PORTABLE THERMOREGULATOR

Techne Incorporated has announced its TU-15 portable thermoregulator for temperature control of laboratory baths. The TU-15 Tempunit is designed for Techne baths but also fits other laboratory vessels, including glass or plastic jars. The TU-15 features a temperature memory, enabling users to preset 3 temperatures and return to them at the turn of a switch. Contact: Techne Inc., 3700 Brunswick Pike, Princeton, NJ 08540.

EDIBLE FAT PACKAGING SYSTEMS

Len E. Ivarson, is now marketing two filling and wrapping machines, the Benhil 8346 and the Benhil 8212, for packaging butter, margarine, lard, shortening, pastry products and other edible fats. The Benhil 8346 can fill and wrap up to 30 5-pound packages/minute, or up to 50 1- and 2-pound packages/minute. The Benhil 8212, a fully automatic multilane filling and closing machine, can handle 80 to 240 round, oval or rectangular tubes/minute. Contact: Len E. Ivarson, 3100 W. Green Tree Rd., Milwaukee, WI 53223.

DISPOSABLE SAMPLERS

Disposable sterile samples which eliminate the need for collecting, sterilizing and repacking contaminated sampling tools have been introduced by Bel-Art

New Products

Products. The single use, prepackaged samplers include scoops, spatulas, spoons, forks and knives. Contact: Bel-Art Products, Pequannock, NJ 07440.

COLONY COUNTER

Lab-Line Instruments Inc., has developed a colony counter which is activated by depressing a petri dish that rests on an adjustable dish weight compensator. Counts are indicated by an LED display with manual reset and a built-in audible count signal. The colony counter has glare-free illumination and an optional full-view 2X magnifier. Contact: Lab-Line Instruments, Inc., 15th and Bloomingdale Avenues, Melrose Park, IL 60160.

PRESSURE SWING DRYERS

The C.M. Kemp Manufacturing Co. has developed a line of pressure swing dryers featuring automatic repressurization, unit fabrication to ASME code standards and an all-pneumatic control package. The 5 models, offering flow rates from 10 to 100 scfm, feature dew point performance below minus 40 F using a design which contains valves and piping in an integral base

casting. Contact: The C.M. Kemp Manufacturing Company, Dept. P-16, Glen Burnie, MD 21061.

PERISTALTIC PUMPS

Manostat has developed a line of peristaltic pumps that use a squeezing action of rollers on flexible tubing to create a flow of liquid or gases. Since all the flow is through chemically inert tubing of the operator's choice, the pumps do not contact the pumped medium. Contact Manostat, 519 Eighth Ave., New York, NY 10018.

SYMBOL IDENTIFIES HAZARDS

A newly developed symbol identifying cancer hazards is now available from Lab Safety Supply Company on signs, labels or tape. The symbol depicts a "C" formed by breaking one of the double strands commonly used to illustrate a DNA molecule. Labels and tape offer a fill-in area for the name of the known carcinogen. Contact Lab Safety Supply Co., 3430 Palmer Dr., Janesville, WI 53545.

TEMPERATURE INDICATORS

Spirig's new temperature indicators offer instant visual signals that a

specific temperature has been exceeded. Called CelsiDot, the temperature buttons, 1 cm in diameter, are applied to clean surfaces by means of their pressure sensitive backing. When a temperature limit is reached, a white indicator triangle turns a permanent black. Accuracy is $\pm 1\%$, the company says. Contact: Solder Absorbing Techn. Inc., 357 Cottage Street, Springfield, MA 01104.

NEW PRODUCTS LITERATURE

Labindustries, 620 Hearst Ave., Berkeley, CA 94710, has available an 8-page catalog describing a variety of its lab supplies, including dispensers, dilutors, shakers and micropipettors . . . Supelco, Inc. Supelco Park, Bellefonte, PA 16823 has put together a 32-page booklet on problems in gas chromatography, **Troubleshooting Guide - How to Locate Problems in GC and Then Solve Them . . .** Masoneilan International, Inc., 63 Nahatan St., Norwood, MA 02062, has published a condensed catalog describing its line of automatic process control valves and related accessories . . . Hockmeyer Equipment Corp. has a 6-page brochure which gives an overview of complete agitation systems for applications covering both low and high viscosities . . . The Carborundum Co., Eldon Chemical Equipment, 117 State Rd., Avondale, PA 19311, has a new product brochure describing its fluoropolymer lined equipment capable of handling corrosive chemicals . . . The Organic Chemicals Dept., Dow Chemicals U.S.A., Midland, MI 48640 has announced its new 16-page technical bulletin, **Introducing p-Hydroxybenzaldehyde and Salicylaldehyde-The Step Saver and Friend**, which describes the various applications of these two chemical intermediates (Bulletin No. 114-306-79) . . . Rheodyne, Inc., 2809 10th St., Berkeley CA 94710, has a 4-page technical note which describes a new method of cleaning up LC samples faster and at lower cost (Technical Note No. 2) . . . Krohn-America, Inc., 1008 W. 9th Ave., King of Prussia, PA 19406, has published an 8-page brochure which describes and illustrates its line of instruments which includes float type flowmeters, liquid level meters/controllers and magnetic flowmeters . . . Sandoz Colors & Chemicals, East Hanover, NJ 07936, has a 4-page product bulletin informing the reader about the Sandoxylate series of alkoxyated surfactants (Bulletin No. 7-159/79).

TVP (trass. tver), *n.* former name of **Kabim**.
TVP, Trademark. See **textured vegetable protein**.
trav-dle (trav/dl) *n.* **trav-dling**. —*n.* 1. trivial, trifling. —*adj.* 2. trifling, trivial.
tex-tur-al, *adj.* —**tex-tur-ally**, *adv.* —**tex-ture-ness**, *adj.*
textured vegetable protein (teks/chord), a nutrititious meat substitute made from soybeans.
tex-tur-ize (teks/choriz/) *v.t.* **-ized**, **-izing** *v.* to form into

RANDOM HOUSE, *you flatterer you.*

You put our TVP® trademark in your new College Dictionary. We're proud to be in such distinguished company.

Just as we're proud Archer Daniels Midland has grown to be a broad based, \$2 billion agri-industry processor responding to the worldwide demand for nutritional, yet economical, food ingredients.

Only a decade ago, we introduced the idea of extending meats with structured soy protein. Now TVP® is almost synonymous with textured vegetable protein.

Almost too synonymous. We'd like to remind everyone that while there are many textured vegetable proteins, there is only one TVP® brand. Please don't use our trademark as a generic term or an abbreviation.



ADM
ARCHER DANIELS MIDLAND COMPANY
World Headquarters—Decatur, Illinois 62525
Telephone 217-424-5422 Telex 250121

Where the people who feed the world buy their groceries.