

New Products

XANTHOPHYLL FOOD COLORING

Burlington BioMedical Corporation is promoting a food coloring agent, Lutexan, to provide yellow color for food, pharmaceutical and cosmetic products. The substance is a natural xanthophyll extracted from alfalfa. It produces colors ranging from very light yellow to dark yellow. Vegetable oils, pastas, mayonnaise, salad dressing, butter, margarine and cheeses are among edible products in which it is suitable for use, the firm says. Contact: Burlington BioMedical Corporation, 100 Fairchild Ave., Plainview, NY 11803.

DIGITAL MICROMETER SYRINGES

Gilmont Instruments says its line of improved digital micrometer syringes and burets provide reading accuracies of one part in 25,000. Double O-ring seals provide vacuum-tight joints and special gaskets confine fumes or liquid contact to teflon or glass only, the firm says. Capacities range from 0.25 to 2.5 ml with 0.00001- or 0.0001-ml vernier divisions, respectively. Contact: Gilmont Instruments Inc., 401 Great Neck Rd., Great Neck, NY 11021.

PIPETTING DISPENSER

Tri-Continent Scientific Inc. has introduced micro-set dispensers with volumes ranging from 10 ul to 100 ul, for use in pipetting small amounts of liquid. The less expensive model is made of polypropylene, glass and stainless steel; the more expensive model is made of inert fluorocarbon, glass and platinum-iridium. Contact: Tri-Continent Scientific Inc., 12541 Loma Rica Drive, Grass Valley, CA 95945.



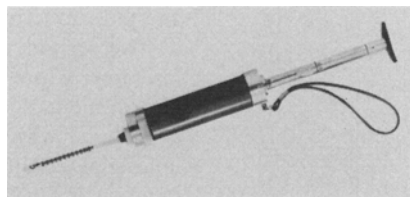
TRACE ANALYZER FOR ACIDITY

Sanda Inc. says its new automatic titrator will provide rapid and accurate analysis of minute amounts of acidity in fats and oils, rainwater and similar

substances. The titration system consists of an electronic unit, a detector and a constant flow, digital buret. Contact: Sanda Inc., 4343 East River Dr., Philadelphia, PA 19129.

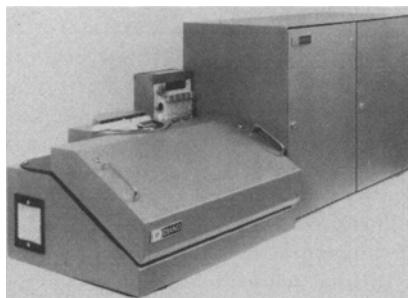
SINGLE-MULTIPOINT RECORDERS

International Products and Technologies Inc. says its 3122J series single and multipoint recorders can provide one continuous trace or 6- and 12-point sequentially printed multicolored-dot trace recordings. A patented magnetic balancing device makes it possible to trace-record on an 8-inch calibrated chart without cord drives or slide-wires, the firm says. Contact: International Products and Technologies Inc., 541 Davisville Rd., Willow Grove, PA 19090.



GAS, VAPOR DETECTION KIT

Scientific Gas Products' GD1000 gas and vapor detection kit consists of a pistol-type volumetric pump with direct reading detector tubes. Analysis is based on the chemical reaction of a sensitive reagent in the tubes to the gas being sampled. Detection tubes are available for more than 60 gases and solvent vapors. Contact: Scientific Gas Products Inc., 2330 Hamilton Blvd., South Plainfield, NJ 07080.



BENCH-TOP X-RAY SPECTROMETER

Diano Corporation says its new Chem-X spectrometer is designed for industrial use where elemental analysis is needed for production, process and quality control. The unit provides simultaneous analysis of up to eight elements.

It identifies elements of atomic number 13 or higher at concentration ranges from parts per million to 100%. Contact: Diano Corporation, 30 Commerce Way, Woburn, MA 01801.

CENTRIFUGAL PUMP

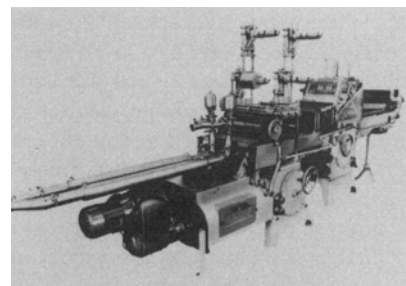
Atlas Pumps' new Model 600-BK vertical cantilever shaft, corrosion-resistant, centrifugal pump is constructed in 316 stainless-steel. All bearings and discharge are above the mounting plate. The Model 600-BK is supplied with a 3 HP, 1750 rpm motor and with flexible coupling. Contact: Dept. RN, Atlas Pumps, 1703 East End Avenue, Chicago Heights, IL 60411.

SYNTHETIC LUBRICANT

Emery Industries Inc. has introduced Emgard universal SE-CD synthesized lubricant SAE-30, a universal synthetic lubricant for both gasoline and diesel engines. According to the company, the product is a premium lubricant that improves fuel economy, engine performance, low-temperature performance, oil and filter life span, engine cleanliness and corrosive wear resistance.

AUTOMATIC GC SYSTEM

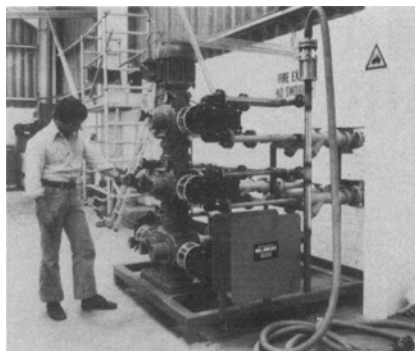
Varian Associates Instrument Division has introduced an automated GC system, Vista 44, that combines the firm's Vista 401 Data System with up to four microprocessor-based Vista GC 4600 gas chromatographs. The 401 unit is used to establish setpoints and code and transmit them to the GC system, where the microprocessor automatically programs the correct parameters. The GC microprocessor transmits signals to the data system for real-time CRT status displays. Contact: Varian Associates, 611 Hansen Way, Palo Alto, CA 94303.



MARGARINE PACKAGER

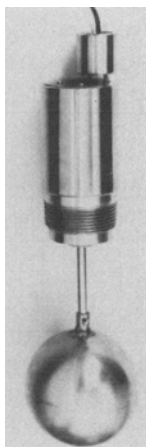
Lynch Machinery has introduced

Morpac TFC-76, a print, form and wrap machine designed primarily for margarines. Capacity is 4,500 pounds per hour in quarter-pound prints. Features include a variable speed drive motor with electrically controlled low speed start, a simplified mechanical power train, stainless steel forming head and covers with excess product recovery system. Contact: Lynch Machinery, 2300 Crystal St., Anderson, IN 46012.



LIQUID DETERGENT BLENDER

Bran & Lubbe has developed a multi-pumphead system to permit continuous blending of liquid detergent products. The unit uses eight pumpheads to which liquid raw materials are fed directly from storage tanks. Flow rates per pumphead may be up to 5,000 gallons per hour. Contact: Bran & Lubbe Inc., 1241 Rand Rd., Des Plaines, IL 60016.



LIQUID LEVEL CONTROL

Liquid Level Electronics Inc. is offering its LV-471 series vertical mount electric high- or low-level control for sounding alarms, operating control equipment, or performing other electrical functions. The unit operates in any specific gravity of 0.7 or higher; it has a three-inch outside diameter sphere float. Unit price is \$150. Contact: Liquid Level Electronics Inc., PO Drawer 788, Porter, TX 77365.

PORTABLE WATER QUALITY MONITOR

Horiba's portable Model U-7 water quality monitor can be used to measure pH, dissolved oxygen, conductivity, temperature or turbidity. A sensor can be submerged in the water being tested or a small sample can be poured into a chamber within the sensor. Contact: Horiba Instruments, 1021 Duryea Ave., Irvine, CA 92714.

PNEUMATIC RELAYS

C-E Invalco offers two new models of pneumatic relays. CBS-2501-T1 models provide 1:1 input/output ratios and are designed to boost volume output of control devices to provide quicker response of low-volume output controls. CBS-2501-TS models provide 3:1 input/output. They may be used to boost volume and pressure output of controls with low pressure and volume output. Contact: C-E Invalco, Combustion Engineering Inc., PO Box 556, Tulsa, OK 74101.

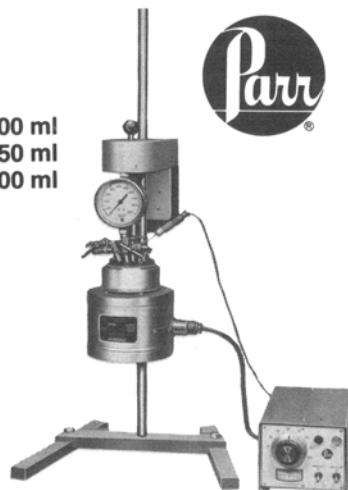
NEW PRODUCT LITERATURE

Analabs, A Unit of Foxboro Analytical, 80 Republic Dr., North Haven, CT 06473, has recently published a wall chart, **Guide to Chromatographic Phases**, designed to help the chromatographer in selecting stationary phases... Whatman Inc., Paper Division, 9 Bridewell Place, Clifton, NJ 07014, is offering publication 824 GMF A, **Glass Microfibre Filters**, which discusses the characteristics and applications of these filters... Beckman Instruments, Inc., Process Instruments Division, Technical Information Section, 2500 Harbor Blvd., Fullerton, CA 92634, has a 14-page guide listing the company's complete line of process pH electrodes and thermocompensators... Hansen Manufacturing Co., 4050 W. 150th St., Cleveland, OH 44135, has issued an updated catalog for its line of quick-connective one-way shut-off couplings... Vitec Inc., 23645 Mercantile Rd., Cleveland, OH 44122, has prepared a **Data Sheet for Model 642 Vibration Analyzer**... Anspec Co. Inc., PO Box 7044, Ann Arbor, MI 48107, has published a catalog featuring a variety of HPLC columns, TLC plates and sorbents manufactured by E. Merck, Darmstadt, Germany... Varian Associates, Inc., Industrial Equipment Group, 611 Hansen Way, Palo Alto, CA 94303, has a new 205-page **Catalog of Vacuum Components, Materials and Leak Detectors** available from regional Varian Industrial Product distribution centers... Babcock and Wilcox, PO Box 923, Augusta, GA 30903, has a four-page bulletin outlining the capabilities of its refractories and insula-

STIRRED REACTORS



300 ml
450 ml
600 ml



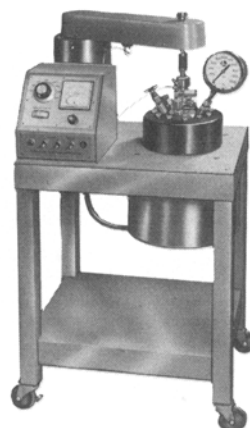
For developing new formulations.
For studying reaction parameters.
For producing complex chemicals
in bench-scale quantities.

1 liter
2 liter



Available in all principal
corrosion resistant alloys.
Pressures to 2000 psig.
Temperatures to 350°C.

1 liter
2 liter
1 gal.
2 gal.



For details, write or phone:
Parr Instrument Company,
Moline, Illinois 61265.
Telephone: 309/762-7716