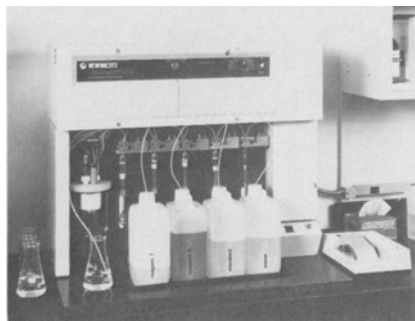


---

# New Products

---



## TITRATOR FROM IONICS

Ionics Inc. has added 4200 Programmable Titrimetric Analyzer to its 4000 series of programmable analyzers. The new titrator will perform a full range of titrations with potentiometric, colorimetric and other methods of endpoint detection, the firm says. Details: Ionics Inc., 65 Grove St., Watertown, MA 02172.

## HYDROLYSATES FOR FLAVOR, AROMA

Knox Ingredients Technology (KIT), a newly formed division of Thomas J. Lipton Inc., has begun marketing a line of bifunctional hydrolysates for foods. The initial line includes tomato, butter, onion, garlic, mushroom, vegetable, cheddar, parmesan, blue cheese and nacho cheese hydrolysates from vegetable proteins. Information: KIT, 4 Pearl Court, Allendale, NJ 07401.

## COMPACT GLOBE VALVE

Goddard Valve is producing its Series 270 compact globe valves which offer service to -325 F, flouorocarbon seals for cryogenic and ambient temperatures, and other features. Information: Goddard Valve Corp., 705 Plantation St., Worcester, MA 01605.

## MAGNETICALLY COUPLED GEAR PUMP

Tuthill Pump Company says its new Model 9024-C magnetically coupled gear pump has gears and bearings of a specially compounded, filled Ryton to provide substantially longer pump life in applications involving fluids without lubricating qualities (such as water). Details: Tuthill Pump Co. of California, 2935 Kerner Blvd., San Rafael, CA 94901.

## GYRATOR FOR ACTIVATORS

Vibra Screw Inc. is offering a larger, more powerful gyrator for 12- and 14-foot diameter Vibra Screw bin and

storage pile activators where high vibratory force is required. The gyrator provides 12,000 pounds of force and is designed for use where wet, heavy and sluggish bulk materials need to be discharged from storage. The gyrator has a motor speed of 1800 rpm. Details: Vibra Screw Inc., 755 Union Blvd., Totowa, NJ 07511.

## GAS PRESSURE REGULATOR

Scientific Gas Products Inc. is marketing a series of single stage gas regulators that can provide delivery pressure ranges from 4-35 psig to 100-2500 psig. Outlet flow is controlled by a built-in needle valve; high-pressure models have stainless steel diaphragms. Information: Scientific Gas Products Inc., 2330 Hamilton Blvd., South Plainfield, NJ 07080.

## PINCH VALVE

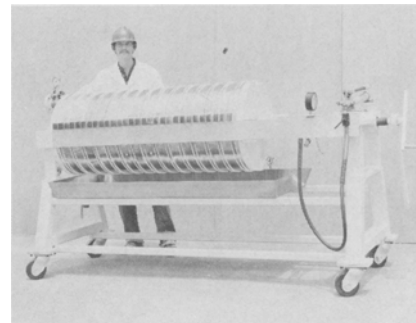
RKL Controls says its new manually operated pinch valve employs a patented design to pass the cam lever beyond the center in the closed position, making it incapable of coming open when pressure is applied. Designed for quick on-off service, the valves are available with optional adjusting screws that can be set for predetermined flow rates, the firm says. Details: RKL Controls, Robbins and Myers Fluids Handling Division, PO Box 276, Ark Road, Lumberton, NJ 08048.

## TRANSFER PUMP

Thompson Manufacturing Co. is producing a five-pound liquid transfer pump that can fit into openings as small as one inch in diameter. The pump is capable of a rate of 6 gpm on heads to 10 feet. The firm says the pump is designed specifically for precision control transfer of concentrated acids, chemicals and other hard-to-handle liquids with viscosities to 200 cps. Information: Thompson Pumps, 914 Greengarden Blvd., Erie, PA 16501.

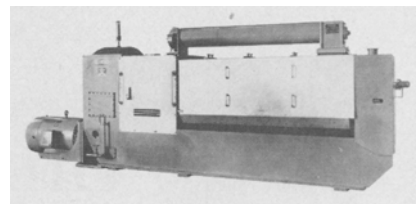
## NEW FLOW CONTROLLERS

Wallace and Tiernan has a new line of flow controllers designed to maintain flow rate regardless of variations in line pressure. Both the high- and low-capacity models are available in brass or stainless steel. Details: Wallace & Tiernan Division, Pennwalt Corp., 25 Main St., Belleville, NH 07109.



## HOT OIL FILTER PRESS

Star Systems is manufacturing extra-wide frames for its filters to provide extended operating time between cleanings. The press features 3-inch wide sludge frames in a 30-disc, 24-inch diameter plate and frame hot oil filter press, providing 10.4 cubic feet of sludge capacity. The filters may be used to filter hot frying oils for extended use and improved product quality. Information: Star Systems Filtration Division, Timmons-ville, SC 29161.



## HIGH CAPACITY SCREW PRESS

French Oil Mill Machinery Co. has introduced a larger mechanical screw press with 3,100 square inches of swept drainage area. According to the company, the Model B-3100 is designed for high capacity prepressing wet process corn germ and other high oil content, difficult to process oilseeds. The press features a fabricated steel gear box and frame and water-cooled single speed shaft. Contact: The French Oil Mill Machinery Co., Piqua, OH 45356.

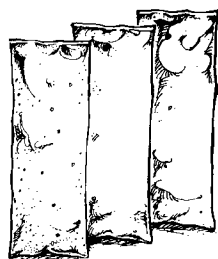
## SILICA COLUMNS FOR HPLC

A new series of silica and bonded phase silica columns for HPLC are available from the Schoeffel Instrument Division of Kratos. Both the standard silica gel and reverse phase bonded phase silica columns are available with 5-, 10-, or 15-micron particle

Continued on page 910A.

# PRO-PACS

## NOW IN 3 FORMS



### PACKETS

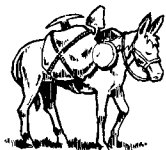
- Pre-measured and individually packed
- Economical pricing

### TABLETS

- All formulas available for KjellTec, Kjell-Foss & Technicon systems.



### BULK



- Packed in 25, 50 & 100 pound reusable containers.
- Special formulations made to your specifications
- 7 standard formulas to choose from
- Free dispenser with initial 100 pound order



### DIGESTION TUBES

- 250 ml straight non-calibrated or constricted calibrated digestion tubes



personal service...  
at a good price.

ALFIE PACKERS, INC.  
10403 Pinehurst Ave.  
Omaha, NE 68124  
(402) 397-6944

## New Products

size packings. Both packing types are available in 4 mm interior diameter x 30 cm stainless steel columns. Details: Kratos Inc., Schoeffel Instrument Division, 24 Booker St., Westwood, NJ 07675.

### ELF OFFERS CUSTOM PROCESSING

Elf Aquitaine Development is offering chemical separation and purification services on a custom basis, using the firm's proprietary production-scale gas chromatography process. Elf says the system can process multiple-drum quantities in 1/30th the time required by vacuum distillation. Details: Elf Aquitaine Development, 9 W. 57th St., New York, NY 10019.

### LARGE CAPACITY FLOW METER

A new three-inch flow meter, designed for large capacity flow monitoring, has been developed by Hedland Products, Division of Racine Federated Inc. The meter is available in four scale ranges and is rated at pressures up to 800 PSI and temperatures to 240 F. Contact: Hedland Products, Division of Racine Federated Inc., 2200 South St., Racine, WI 53404.

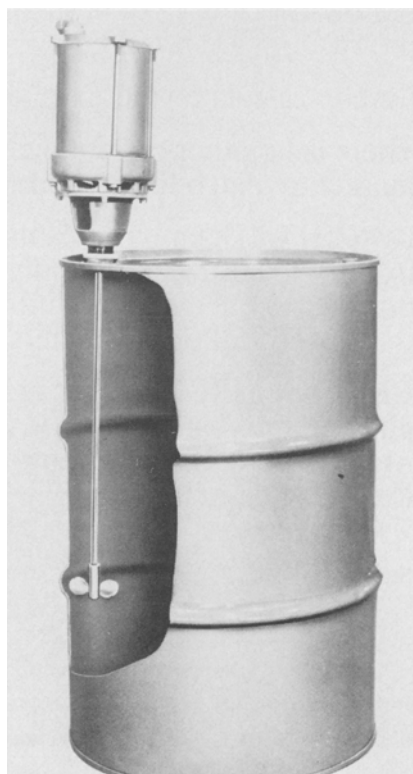
Series E bung mixers are vertically mounted and feature folding blades for easy drum entry, says the company. In operation, the blades open up to 3-3/4-in. for mixing. The mixers can be supplied with air or electric motors. Contact: Mike Dowse, vice-president, Neptune Mixer Co., PO Box 247, Lansdale, PA 19446.

### STATION ABSORBS FUMES

Labconco Corp. has introduced an enclosed work station offering over four square feet of work space designed for chemical and solvent vapor removal. The Fume Absorber-2 traps solvent fumes within two 6-pound activated carbon filter packs while clean air is recirculated. Dual high-capacity motor/blowers are in separate compartments behind the filters to avoid contact with corrosive vapors. Contact: Carol Spence, Labconco Corp., 8811 Prospect, Kansas City, MO 64132.

### SURFACTANT BLEND

A new surfactant blend which can be formulated as a shampoo, liquid hand soap or bubble bath has been developed by the Stepan Chemical Co. The major surfactant in the new product, Agent 804, is sodium alpha olefin sulfonate. Contact: Stepan Chemical Co., Surfactant Dept., Edens & Winetka, Northfield, IL 60093.



### MIXERS FIT 55-GALLON DRUMS

Bung mixers, designed with a specially threaded connection to screw into standard 55-gallon drums, are being marketed by Neptune Mixer Co. The

### NEW PRODUCT LITERATURE

James G. Biddle Co., Plymouth Meeting, PA 19462, has published a new 12-page catalog describing its measuring and electrical testing instruments and systems... Tri-Continent Scientific, Inc. 12541 Loma Rica Dr., Grass Valley, CA 95945, has released a catalog featuring dispensers, diluters, micropipettors and microdispensers... Arizona Chemical Co., Wayne, NJ 07470, has compiled a brochure presenting the composition, characteristics and properties of its line of fatty acids, as well as information on distilled tall oils and fatty acid esters... Ionics Inc., 65 Grove St., Watertown, MA 02172, has a six-page brochure that describes the use of its DigiChem 3000 Series Programmable Chemical Analyzers... Orion Research Inc., 840 Memorial Dr., Cambridge, MA 02139, describes its line of glass electrodes and accessories in a four-page brochure... Vibra Screw Inc., 755 Union Blvd., Totowa, NJ 07511, has a brochure explaining its Vibra-Blender, a continuous mixer for dry materials.