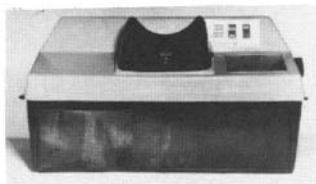
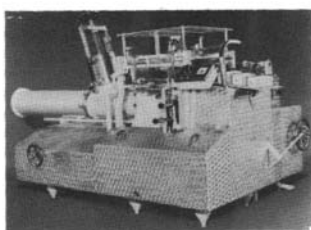


New Products



Ultra-Violet Products, Inc., has introduced its CM-100 color matching system which involves a first matching under a white daylight lamp and a second comparison under a pink UVP lamp. Information: Ultra-Violet Products, Inc., 5100 Walnut Grove Ave., San Gabriel, CA 91778.

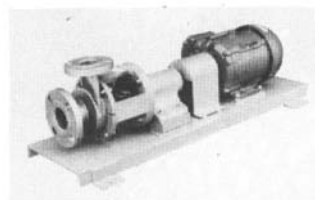


Len E. Ivarson Inc. is marketing a new Bock Moulding and Wrapping machine that can provide butter, margarine, or shortening plants with high speed productions of blocks or loaves ranging in size from 5 pounds to 50 pounds. Designed for one-person operation, the unit can be coupled directly to production systems. Information: Len E. Ivarson, 3100 W. Green Tree Rd., Milwaukee, WI (tele: 414-351-0700).

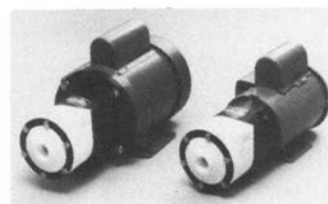


Endress + Hauser has introduced its FMC 1320, a continuous level indication unit for solids or liquids with stable dielectric constants. The unit can be adjusted for standard and empirical calibration. Information: Endress + Hauser Inc., 2350 Endress Place, Greenwood, IN 46142.

Labindustries has introduced three virtually unbreakable reagent dispensers: The Repipet II dispenser for all reagents except HF, at 5, 10, and 20 ml volumes; Repipet Jr. adjustable dispenser for HF and noncorrosive reagents, at 1, 5, and 10 ml; and the Repipet Jr. fixed volume dispenser in 13 sizes ranging from 0.1 ml to 10 ml. Information: Labindustries, 620 Hearst Ave., Berkeley, CA 94710 (tele: 415-843-0220).



Atlas Pumps has unveiled its new Model 500-BP corrosion resistant centrifugal pump which may be used for pumping hydrochloric acid. The pedestal-mounted end suction pump has packing gland and lantern ring construction with provision for water flushing of packing. Information: Dept. RN, Atlas Pumps, 1703 East End Ave., Chicago Heights, IL 60411.



The Fluorocarbon Co. has developed a higher capacity "Jupiter" centrifugal pump featuring a magnetically driven 3 in. impeller with a capacity of 25 gallons per minute at a 2 ft head; with a 40 ft head the pump can move 4 gallons of water per minute. Information: The Fluorocarbon Co., 1432 S. Allec St., Anaheim, CA 92803.

CEA Instruments Inc. has introduced its Perco II multi-gas infrared/ultraviolet analyzer. The unit can measure from one to four gas concentrations simultaneously and continuously for one sample. Information: CEA Instruments, Inc., 15 Charles St., Westwood, NJ 07675 (tele: 201-664-2300).

MFE has introduced a new line of packaged strip chart recorders that are available in 1, 2, 3, 4, 6, and 8 channel configuration with 18 speeds ranging from 1 mm/hr to 50 mm/sec. Information: Paul C. Berkebile, MFE, Keewaydin Dr., Salem, NH 03079 (tele: 608-893-1921).

Nalco Chemical Co. is marketing two new wastewater emulsion breakers designed for use without supplementary chemicals. Nalbreak 7730 performs best in a pH range of 6-8.5, the firm says, while Nalbreak 7731 is best at pH 8-10. Information: Nalco Chemical Co., 2901 Butterfield Rd., Oak Brook, IL 60521.

Analabs Inc. is now providing two naturally occurring phospholipids, phosphatidyl choline (egg) and ethanolamine (egg), with a profile analysis. Each batch is accompanied by a specification sheet showing a profile analysis consisting of a qualitative analysis of the fatty acid composition. The analyses are performed by gas and thin layer chromatography after saponification and esterification. Information: Howard Novitch, Analabs, Inc., 80 Republic Dr., North Haven, CT 06473 (tele: 203-288-8463).



Dorr-Oliver Inc. has introduced three new models of its Olivite ANSI lined centrifugal pump. The new models extend capacities to 550 gallons per minute from the previous 200 gallons per minute. Information: Dorr-Oliver Inc., Stamford, CT (tele: 203-348-5871).

YT Enterprises is marketing the Hander small-scale continuous oil expeller and filter from laboratory sizes to large-scale production models. The expeller can handle from 10 to 1,000 pounds per hour. Information: YT Enterprises, PO Box 904, Los Gatos, CA 95030.

Cyclo Chemicals Corp. is marketing a new biodegradable phosphate ester, Cyclophos PL6A for use in household and industrial cleaners. The product is an anionic surfactant, 100% active liquid. Information: Cyclo Chemicals Corp., 7500 NW 66th St., Miami, FL 33166.

CVC Products is marketing a new vacuum gauge control unit, the GIC-400. The thermocouple-ionization gauge is designed to measure pressures from 5 Torr to 2×10^{-9} Torr. Information: CVC Products, Inc., 525 Lee Rd., PO Box 1886, Rochester, NY 14603.

Rochester Instrument Systems, Inc., has added an isolated frequency transmitter to its line of Series SC-2300 two-wire instruments. The new unit SC-2350, is designed to accept turbine, flowmeter, pump, motor, and tachometer, or speed pick-up signals and make them compatible with other devices operating on a standard instrument signal

range. Information: Rochester Instrument Systems, 255 North Union St., Rochester, NY 14605.

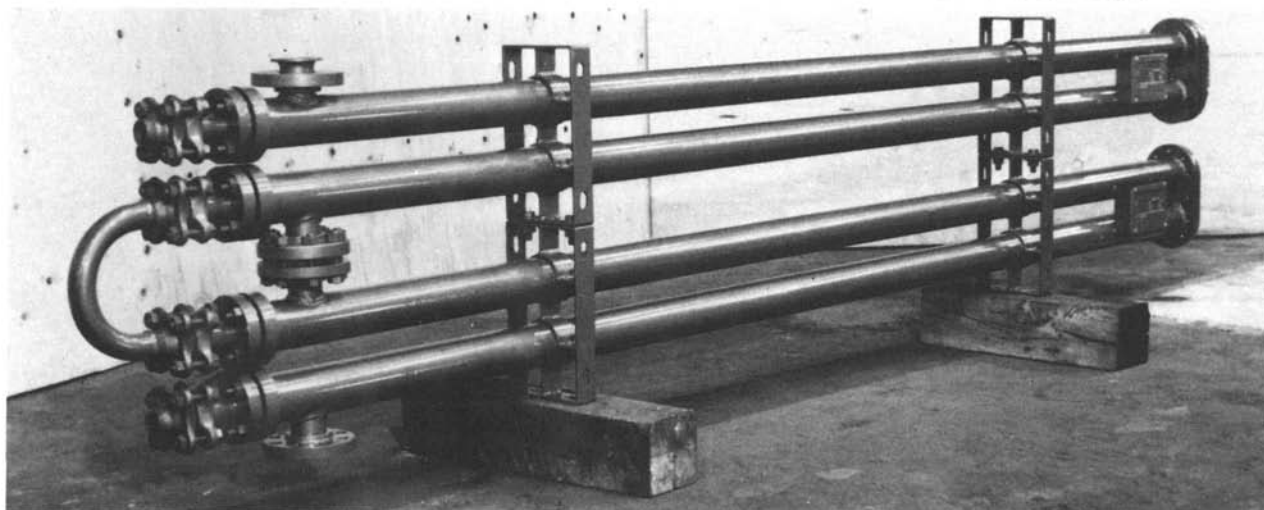
Astro Dynamics, Inc., is marketing a heat exchanger system, Powertherm Model 1665. Cooled oil may flow at a rate of 3 gallons a minute; coolant is filtered with a 10-micron filter. Information: Astro Dynamics, Inc., 2 Gill St., Woburn, MA 01801.

Leeds & Northrup Co. has introduced its MDM20 digital monitor capable of scanning up to 20 points for alarm conditions at a rate of 15 points a second while simultaneously monitoring the most critical point. Information: Leeds & Northrup, North Wales, PA 19454 (tele: 215-643-2000).

Gould Inc., Instrument Systems Division, has introduced a new ink jet annotation device for printing uniform, readable ASCII alphanumeric characters in a 5 x 7 matrix along the end of moving chart paper at all chart speeds. The new device eliminates the need to stop recorders to make manual notations. Information: Marketing Services, Gould Inc., Instrument Systems Division, 3631 Perkins Ave., Cleveland, OH 44114 (tele: 216-361-3315).

Prater/Bauermeister Inc. is marketing a self-cleaning 'Aerosplit' air classifier that separates powders at selective cutpoints ranging from 8 to 150 microns. Six different sizes provide capacities from a few pounds to 40 tons an hour. Information: Prater/Bauermeister, Inc., 1515 S. 55th Court, Chicago, IL 60650.

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Sensorex has designed a flask-size polymer body combination pH electrode with a length of 300 mm for use in tall laboratory vessels. Information: Sensorex, 9713 Bolsa Ave., Westminster, CA 92683 (tele: 714-554-7090).

Pope Scientific is marketing a new wiped-film molecular still for short path vacuum distillation of high molecular weight compounds that are labile when heated for long periods in conventional distillation processes. Information: Pope Scientific Inc., PO Box 495, Menomonee Falls, WI 53051.

Energetic Science, Inc., is offering its Ecolyzer Dosimeter 9000, a new portable instrument to measure cumulative dosages of carbon monoxide. The portable unit is worn by individual workers and may be plugged into a readout unit at any time during the day without erasing the accumulated dosage which can still be recorded at the end of the work shift. Information: Energetic Science Inc., 85 Executive Blvd., Elmsford, NY 10523.

Tuthill Pump Co. of California has introduced its Model 9022 magnetically coupled gear pump that provides higher capacity than any other pump in the Tuthill magnetic line. The Model 9022 has a capacity up to 80 gph and produces pressures up to 120 psi. Information: Tuthill Pump Co. of California, 2935 Kerner Blvd., San Rafael, CA 94901 (tele: 415-457-6330).

● **From Washington** (Continued from page 915A)

proposed food standard for pasteurized cheese products will permit varying amounts of fat and require the milkfat percentage to be listed on the label. Pasteurized process cheese labels also must declare milkfat percentage. Details are in the *Federal Register* of Oct. 4, 1977, page 53970. Comments on the proposed standards may be submitted by Jan. 3, 1978; proposed effective date for products in interstate commerce is July 1, 1979.

The Environmental Pollution Agency has modified its secondary treatment facilities rules on suspended solids limitations – but only for municipal plants, not industrial facilities. Details, *Federal Register* of Oct. 7, 1977, page 54664.

This column previously noted that the USDA's Food and Nutritional Service had proposed banning fortified cake products from the School Breakfast Program. That proposal is being opposed by many, including the Council of Agricultural Science and Technology, and the American Frozen Food Institute. The first group contends high fat and sugar content are needed to provide the energy participating students should have for breakfast, but that if the FNS wanted to, it could specify fat and sugar content levels. Both groups said the cakes are a good way to provide nutrients to children attending schools without facilities to provide a traditional breakfast.

The USDA has announced proposed 1978 quotas for extra long staple cotton (*Federal Register* of Oct. 18, 1977, page 55597) and the 1978 Peanut Program (*Federal Register* of Oct. 21, 1977, page 56135.) Both are subject to referenda among producers.

The FDA continues to receive requests for a full hearing on its proposal to permit use of caseinates in ice cream. The FDA stayed the effective date of the original order and says a decision whether to hold a hearing will be made after all comments have been received and evaluated.

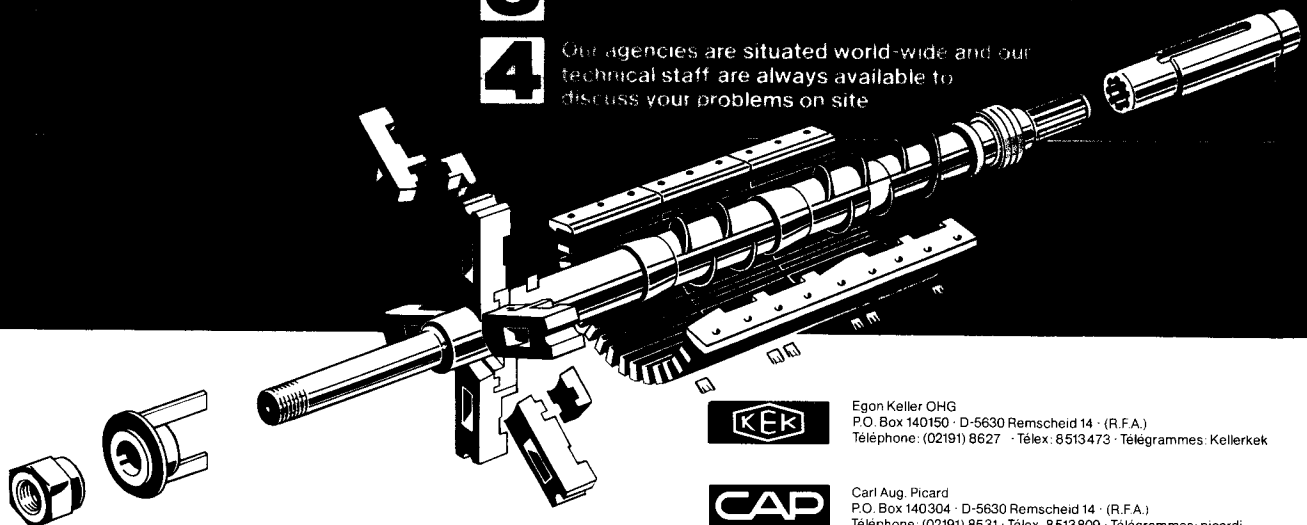
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