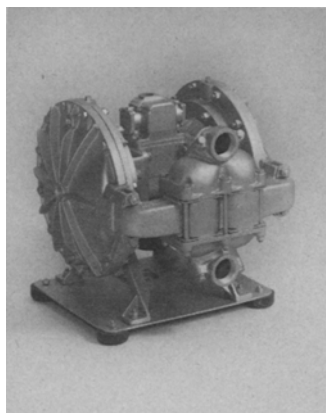


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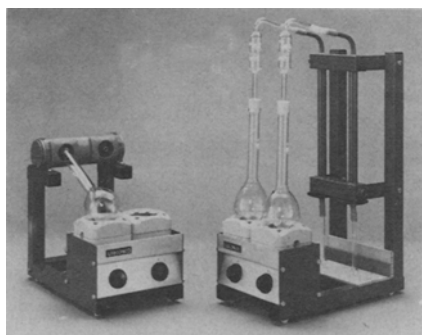
# New Products

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## CORROSION-RESISTANT PUMPS

Now available from Warren-Rupp are two new models of SandPIPER air-powered pumps, with all wetted parts constructed of Alloy 20 stainless steel. This alloy offers superior resistance to 10-40% concentrations of sulfuric acid as well as to many other common industrial and chemical process abrasives and corrosives. Both models have variable flow control from 0 to 90 gallons per minute. Contact: The Warren Rupp Co., PO Box 1568, Mansfield, OH 44901.



## KJELDAHL APPARATUS

Labconco Corp. has introduced 2-Unit Kjeldahl Digestion and Distillation Units for a broad range of uses in wastewater, foods, pesticides, drugs, sewage, fertilizers, fuels and biologicals. The one-piece, portable models are mounted on strong, durable epoxy-coated framework and equipped with seamless, non-collapsing stainless steel condenser tubes. Both units feature heaters operated by an infinite heat control knob with variable input from 20-100% capacity. Contact: Labconco Corp., 8811 Prospect, Kansas City, MO 64132.

## LIQUID CHROMATOGRAPH

The IBM LC/9533 Ternary Liquid

Chromatograph is a microprocessor-controlled, table-top instrument which, the company says, offers pulseless flow of up to three solvents, a wide selection of detectors and a choice of premium packed columns. The LC/9533 is designed for chemists who use HPLC to separate chemical compounds. Contact: IBM Instruments Inc., Orchard Park, PO Box 332, Danbury, CT 06810.

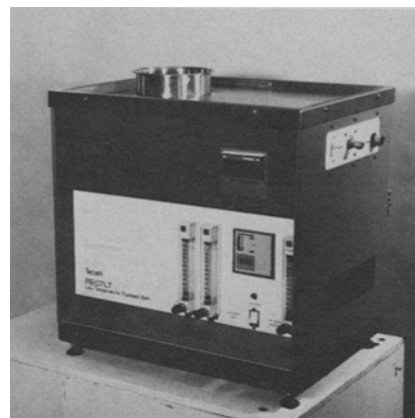
## DRUM STORAGE RACKS

The Hi-Drum Storage Racks, offered by Jarke Corp., make vertical storage of 55-gallon drums a safe and efficient space saver, according to the company. The rack is a rigid, all-welded unit, compact and ready to use, with no bolting or additional assembly required and each unit has a capacity of 1,500 lb. Contact: Jarke Corp., 6333 W. Howard St., Niles, IL 60648.



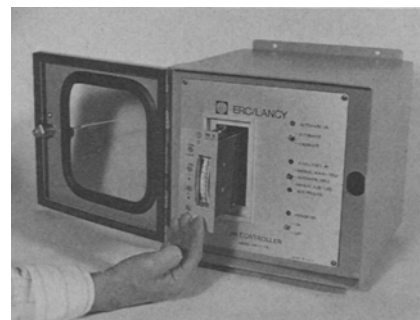
## VERTICAL ILLUMINATORS

The new Bausch and Lomb spot illuminators for StereoZoom microscopes provide a concentrated beam of true vertical illumination for a wide range of routine industrial and clinical applications. The compact, 6-V tungsten-halogen illuminators fit all new and existing Bausch and Lomb StereoZoom microscopes (except the StereoZoom 7) and are available in 1X, 0.5 and 0.3 magnifications. Contact: Bausch and Lomb, PO Box 450, Rochester, NY 14692.



## FLUIDIZED BATH

A new low-temperature fluidized bath, introduced by Techne Inc., is designed to provide an isothermal environment in which to conduct precise temperature calibrations down to -100 F (-70 C). The company says that its Model FB-07LT confers on low temperature calibration work the advantages of the fluidized medium—it is dry, safe, inert and clean. Contact: Techne Inc., 3700 Brunswick Pike, Princeton, NJ 08540.



## CONTROLLERS

A series of off-the-shelf, compact design controllers, suitable for a variety of metal finishing waste treatment applications, is being offered by ERC/Lancy. The controller/electrode combinations provide for the accurate control of cyanide oxidation, pH adjustment, chromium reduction and the specific ions of calcium, chlorine, hydrazine, peroxide and sulfide. The controllers also feature special probes and amplifier circuitry intended to eliminate the problems of poisoning and drift. They employ universally accepted electrometric measurement methods and reliable solid state circuitry. Contact: Lancy Systems, ERC/Lancy, 3725 N. Dunlap St., St. Paul, MN 55112.

# BLEACHING EARTH

## OFFICIAL ACTIVATED BLEACHING EARTH – 3¼ pound can / \$9.50

For determining bleached color on refined soybean oil use 4%, following test conditions given in the AOCS Bleach Test. Approved by the Technical Committee of the National Soybean Processors' Association.

## OFFICIAL DIATOMACEOUS EARTH – 1 pound can / \$9.50

For determining color, follow conditions described in the AOCS Official and Tentative Methods. Approved by the Technical Committee of the National Cottonseed Products Association.

## OFFICIAL NATURAL BLEACHING EARTH – 4 pound can / \$9.50

For determining bleached oil color, follow test conditions prescribed in the AOCS Bleach Test Methods, and use: 4.67% of this earth for cottonseed oil and 3.0% of this earth for soybean oil. Approved by the Technical Committee of the National Soybean Processors' Association and by the Chemists' Committee of the National Cottonseed Products Association.

(Postage and handling extra. Orders consisting of four or more cans, and combination, \$9.00/can.)

Distributed by the AMERICAN OIL CHEMISTS' SOCIETY, 508 South Sixth Street, Champaign, IL 61820.

## PRODUCT LITERATURE

A 12-page Mini-Catalog from Groen Division/Dover Corp., 1900 Pratt Blvd., Elk Grove Village, IL 60007, shows the company's full line of continuous processing equipment and engineered processing systems for the food, confectionery, cosmetic, pharmaceutical and chemical industries. . . . A 20-page brochure illustrating a complete line of capillary columns and column accessories has been published by Analabs, a unit of Foxboro Analytical, 140 Water St., PO Box 5449, S. Norwalk, CT 06856. . . . Waters Associates Inc., 31 Maple St., Milford, MA 01757, announces the latest additions to its liquid chromatography systems in a series of color brochures. . . . The first edition of a monthly news tabloid, published by BioPost Inc., PO Box 2347, Rockville, MD 20852, describes a line of hand-held pipettes, blow-out pipettes, reagent bottle dispensers, syringes and other liquid transferring products. . . . Applied Science Division, Milton Roy Laboratory Group, PO Box 440, State College, PA 16801, has a 160-page catalog describing the company's range of gas chromatography supplies, reagents, biochemicals and standards, and chemical adsorbents. . . . Climax

Molybdenum Co., 1 Greenwich Plaza, Greenwich, CT 06830, has released a new edition of its **Molysulfide Suppliers Guide**, a 152-page listing of domestic suppliers of Molysulfide-containing lubricants, plastics and elastomers. . . . An expanded 32-page 1981 edition of the handbook **Energy Conservation by the Use of Portable Temperature Instruments**, is available from Wahl Instruments Inc., 5750 Hannum Ave., Culver City, CA 90230. . . . Rochester Instrument Systems, 255 N. Union St., Rochester, NY 14605, has a 14-page catalog highlighting the Series 5200 and 5300 high-density alarms, transmitters, and computing instruments. . . . An **Environmental Standards Mini-Catalog** from Ultra Scientific, 1 Main St., Hope, RI 02831, gives an extensive listing of environmentally important reference standards such as PCB, PCB metabolites, dioxins, Furan, pesticide standards and PBB. . . . A folder containing current information on analysis of hazardous waste, water, air and raw materials with GC/MS is now available from Wadsworth Testing Laboratories Inc., 4th St. SE, Canton, OH 44707. . . . A **calibration standard** that ensures a consistently precise and

accurate comparison for analyzing natural gas composition is described in a specification sheet from Liquid Carbonic Corp., a Subsidiary of Houston Natural Gas Corp., 135 S. LaSalle St., Chicago, IL 60603. . . . A new booklet from CVC Products Inc., 525 Lee Rd., PO Box 1886, Rochester, NY 14603 gives details on new high-vacuum pumps, accessories and complete component assemblies. . . . A guide, **Pharmaceutical Testing Equipment and Laboratory Supplies**, published by Van-Kel Industries Inc., PO Box 311, Chatham, NJ 07928, explains and pictures Van-Kel's line of vacuum pumps, water baths, dissolution testers and electronic stirrers and timers. . . . Metering pumps for chemical, industrial, commercial and medical applications are the subject of **Catalog 115C**, from the Tuthill Pump Division, Tuthill Corp., 12500 S. Pulaski Rd., Chicago, IL 60658. . . . Literature is available from Beckman Instruments Inc., 2500 Harbor Blvd., Box 3100, Fullerton, CA 92634, on the company's state-of-the-art digital pH monitor for waste water and industrial effluent monitoring.