

New Products

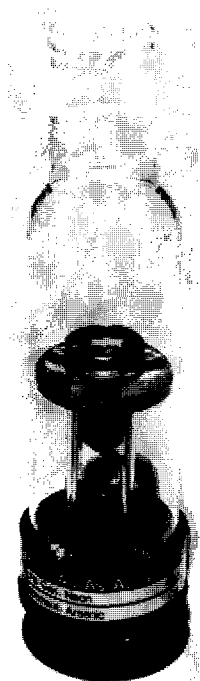


• Interactive Elements Incorporated (IEI) has introduced its CODA (chemical on-line data analyzer) to permit labs to hook instruments directly to a microcomputer. The CODA unit accepts voltage signals from up to 16 independent instruments simultaneously, making data instantly available for analysis using a set of programs supplied with the system. Information: IEI, 76 Beaver St., New York, NY 10005.

• Cober Electronics says its Cober Model LBM-6 microwave oven can be used in research and development applications to study energy requirements of present operations and benefits available by adding or substituting other modes. Power is continuously variable to 6,000 watts. Information: Cober Electronics Inc., 7 Gleason Ave., Stamford, CT 06902.

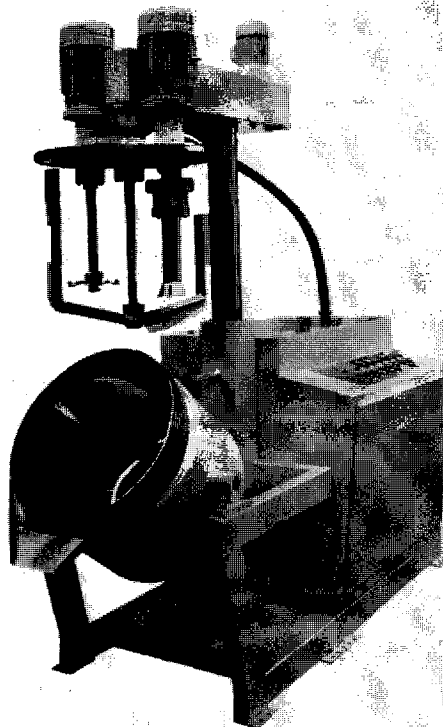
• Cyclo Chemicals Corp. is marketing two straight fatty alcohols, Cyclogol Cetyl Alcohol IF and Cyclogol Stearyl Alcohol, that are insoluble in water but miscible with most fats and oils. Information: Cyclo Chemicals Corp., 7500 NW 66th St., Miami, FL 33166.

• Instrumentation Laboratory has introduced a line of Visimax hollow cathode lamps for use in atomic absorption spectrophotometers. The lamps, clearly labeled so the name of the element can be seen from any direction, have a 38-mm diameter and octal plug designed to fit directly into most atomic absorption spectrophotometers. Information: Instrumentation Laboratory Inc., Analytical Instrument Division, Jonspin Road, Wilmington, MA 01887.



• The Hygroskop humidity-measuring instrument is designed to measure equilibrium, relative humidity, and residual moisture content of hygroscopic polymers, pigments, fillers and compounds. Information: Kaymount International Limited, 424 Madison Ave., New York, NY 10017.

• Kahn & Co. has introduced its new MPS-B series of compressed air dryers which use a "pressure swing" principle and are available in flows from 1 to beyond 4000 SCFM. Details: Kahn & Co., 885 Wells Rd., Wethersfield, CT 06109.



• Fryma has marketed a multi-purpose unit designed to handle liquid, creamy, and pasty products such as mayonnaise, salad dressings, baby foods, etc. The machine, the firm says, is the first to combine colloid mill, dissolver, stripper/stirrer and vacuum deaerator in a single unit. Information: Fryma-Maschinen AG, Theodorshofweg, CH-4310, Rheinfelden, Switzerland.

• Circle Seal Controls has a new pneumatically operated shut-off valve with an encapsulated seat. This Teflon seat, isolated from fluid contact during open, throttling, and metering operation, is extruded at shut-off for absolute Teflon-to-metal sealing and has been field testing at 1×10^{-7} Toss to 12,000 psi with zero leakage. Information: Circle Seal Controls, PO Box 3666, Anaheim, CA 92803.

• Technilab Instruments is marketing its Cool-Arc welder, a benchtop thermocouple arc welder for repairs or model building. It can be used on tungsten, platinum, chomel-alumel, nickel wire and other high temperature materials. Information: Technical Lab Instruments Inc., Pequannock, NJ 07440.



● Groen's Model TDB/7/TA/2 electric table top cooker mixer is a laboratory testing kettle that is a miniature version of the firm's production size kettles. The kettle provides varied mixing actions with continuous sidewall scraping and is designed for use in laboratory/pilot plant and test kitchen operations. Details: Groen, 1900 Pratt Boulevard, Elk Grove Village, IL 60007.

● Micromeritics Instrument Corporation (MIC) has introduced its Micromeritics 7500 Gradient Liquid Chromatograph, a microprocessor-based HPLC. The 7500 can accept all operating commands from a microprocessor-based control module, running around-the-clock on a completely automated basis. Details: Micromeritics, 5680 Goshen Springs Rd., Norcross, GA 30093.

● Eldex Laboratories has announced a new series of high precision micro pumps. The positive displacement pumps feature sapphire pistons and dual sapphire check valves with flow rates being continuously adjustable during pumping by micrometer adjustment. Various models operate at up to 5,000 psi and provide flow rates of 4 to 450 ml/hour. Details: Eldex 3551 Haven Ave., Menlo Park, CA 94025.

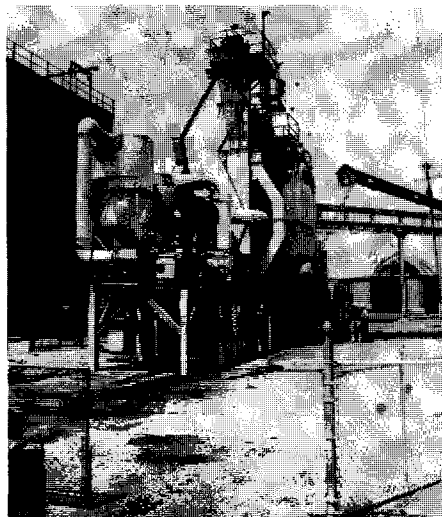


● Perkin-Elmer has introduced its F45 Automatic Vapor Space Chromatograph, replacing Model F42. The new unit provides the latest techniques in head space analysis for determination of volatile components in complex samples. An electrically heated sample via turntable allows working temperatures up to 150 C. Information: Perkin-Elmer Corp., Instrument Division, Main Avenue, Mail Station 12, Norwalk, CT 06856.

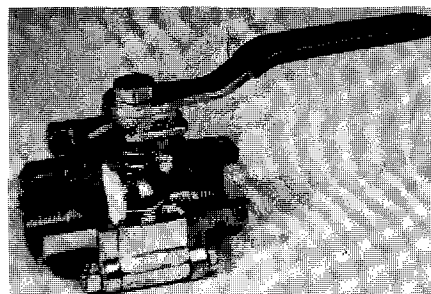
● Boston Industrial Products has added a flexible hose specially designed for suction and discharge of oily solutions. Boston K-30 Flexibilt hose has a PVC Cover, core, and helical reinforcement for use at temperatures from 0 F to 150 F. Information: Boston Industrial Products Division, American Biltrite Inc., Boston, MA 02103.

● Gas Technologies Inc. has a new hydrogen purifier that will convert bottled, commercial grade hydrogen gas into an ultra pure grade equal to or better than that used for analytical reference, the firm says. The HP-4 will purify up to 400 SCCM of hydrogen gas continuously. Details: Gas Technologies Inc., 50 E. Timonium Road, Timonium, MD 21093.

● Analabs new septum flush head for gas chromatography is designed to eliminate spurious chromatographic peaks due to septum bleed and solvent peak tailing. The head is especially useful when injection port temperatures on gas chromatographs are run at 250 C or above, the firm says. Information: Bulletin 105, Analabs, Foxboro Analytica, 80 Republic Drive, North Haven, CT 06473.

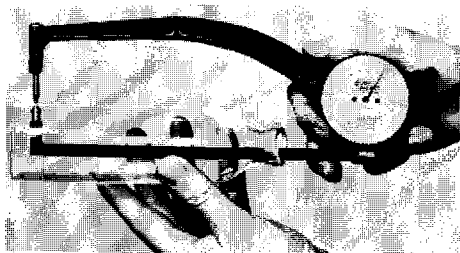


● French Oil Mill Machinery has installed two new stationary louver meal/dryer coolers at Plains Cooperative Oil Mill in Lubbock. The modular stack-type design units can be added to existing French cookers. Units are available in capacities from 25,000 to 100,000 pounds per hour. Information: Solvent Extraction Division, The French Oil Mill Machinery Co., Piqua, OH.



● Worcester Controls Corp. is offering a new line of Alloy 20 ball valves in one-quarter inch to two inch sizes, with pressure ratings up to 1,500 psig. Information: Worcester Controls Corp., 125 Hartwell St., West Boylston, MA 01583.

● Analytical Instrument Development Inc. (AID) is marketing its Model 511-23 portable gas chromatograph system with a completely self-contained photoionization detector system. The system has sensitivity for some material of approximately 10 to 30 times that of flame ionization with a sensitivity of 5 ppb for benzene. Information: AID Inc., Rt. 41 and Newark Road, Avondale, PA 19331.



• The Dyer Co. has introduced a gage capable of reading wall thickness of bottles and other products with a narrow neck opening. The lower pivot contact arm can straighten out to permit entry into bottle necks, then snaps into vertical position for measurement. Details: The Dyer Co., PO Box 449, Lancaster, PA 17604.

• Varian Associates has introduced its 939 Series Helium Mass Spectrometer Leak Detectors. The portable unit weighs 55 pounds and measures 8" x 13½" x 19½". Details: Varian Lexington Vacuum Division, 121 Hartwell Ave., Lexington, MA 02173.

• GCA/Precision Scientific Group of Chicago has expanded its line of direct-drive vacuum pumps by adding seven new models ranging in size from 90 to 475 l/m. The firm says extremely low operating noise levels are a key feature of the new units, with noise levels averaging 65

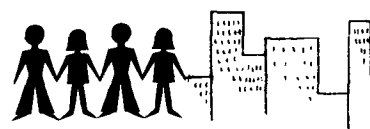
decibels at three inches from the pump. Information: GCA/Precision Scientific Group, 3737 W. Cortland St., Chicago, IL 60647.

• Precise Sensors Inc.'s new family of hydrogen environment strain, gage pressure transducers operate over a range from 0 to 100,000 psi. The transducers incorporate one-piece construction with no welds and are made from A-286 special tempered and aged stainless steel. Information: Precise Sensors Inc., 235 Chestnut St., Monrovia, CA 91016.

• The KIC "Profiler" can simultaneously display up to 60 thermocouple outputs on a large screen CRT display with 0.2 C resolution for type K thermocouples. The unit is designed to reduce the time required to survey furnaces, ovens, refrigerators or other equipment. Details: Kazmierowicz Instrument Co., 26546 Aracena Drive, Mission Viejo, CA 92691.

• Chem-San International Inc. says its IPF series filter system is available in flow rates from 300 to 2000 gallons per minute. The IPF filter is a cone bottom tank containing a filter element that consists of a nest of flex-tubes, each a half inch in diameter and 60 inches long; the number of tubes depends on the filter area required. Details: Chem-San International Inc., 19 Gardner Road, Fairfield, NJ 07006. ●

People & Places



PEOPLE

Dieter H. Ambros, president of BASF Wyandotte Corp since 1971 and chief executive officer since 1975, will become head of the Fiber Intermediates Division of BASF AG in Ludwigshafen, Germany, as of Aug. 1, 1979; **Edwin L. Stenzel**, president of Dow Badische Co. since 1976, will become president of BASF Wyandotte effective May 1, 1979; and **Hans-Harald Kopper**, a department director for BASF AG, is joining Dow Badische Co. to succeed Stenzel as president on April 1, 1979 . . . **Kurt G. Berger**, an AOCS member since 1968, has become a staff member for the newly formed Palm Oil Research Institute of Malaysia; he previously had worked for J. Lyons and Co., London, and directed a technical project on vegetable oil for the International Trade Center, UNCTAD/GATT in Geneva before accepting the post in Malaysia . . . **Lewis Gridley** has been named industrial sales representative for Durkee Industrial Foods Group/SCM Corp. . . . **Richard A. Johnson** has been named vice-president for Durkee Industrial Foods . . . **James Y. Oldshue**, vice-president for mixing technology with Mixing Equipment Co., has been elected president of the American Institute of Chemical Engineers . . . **Herman J. Schmidt** has been elected to the board of directors for NL Industries Inc. . . . **C. Robert Tully** has been elected to the board of Celanese Corp. . . . **Dr. William J. Bailey**, research professor of chemistry at the University of Maryland, has been elected chairman of the American Chemical Society's board of directors; he is a past president of the society.

PLACES

Stepan Chemical Co. has pledged a \$1.5 million grant to the University of Notre Dame for construction of a

chemical research facility to be known as Stepan Chemistry Hall; company founder **Alfred C. Stepan Jr.** is an alumnus and trustee of the university . . . **Grindsted Products Inc.** plans to build a new plant to produce distilled mono-glycerides and other food grade emulsifying agents. The plant, at Johnson County Industrial Airport, about 20 miles southwest of Kansas City, is expected to be operational in early 1980. ●

Obituaries

Albert King

Albert E. King, a member of AOCS since 1925 and an emeritus member since 1959, died Dec. 21, 1978, after a lengthy illness.

Mr. King initially joined the Society while a chemist for Swift & Co. in Chicago, later becoming a technical sales and manufacturing representative before retiring in 1957 after 42 years with Swift. ●

John F. Lemancik

AOCS has been informed of the death of **John F. Lemancik**, who joined AOCS in 1977 when he was general sales manager for National Protein Corp. Mr. Lemancik was a 1934 graduate of Wisconsin State University. ●