

hold up to 200 lb., and it will increase a lab's scarce bench space by holding the apparatus that it is heating or cooling right on its top.

Brooks Instrument Company, Inc., introduces a new product called Brookstat Laboratory Controller. It is basically a portable instrument for precise, automatic regulation of temperature or pressure, vacuum, and liquid level.

A new Chromatographic Analyzer designed for process control has been announced by the Foxboro Company, Foxboro, Mass. For complete information write the Foxboro Company.

Applied Science Laboratories, Inc., State College, Pa., has available for the first time commercially 1, 2, 3-Tris (2-cyanoethoxy)-propane. Use of this material is a stationary phase for gas chromatography was reported by McNair and DeVries, *Anal. Chem.* 33, 806 (1961).

FOR SALE

REPRINTS

1953 Short Course Lectures on Engineering Aspects of Processing Oilseeds.....	\$4
1954 Short Course Lectures on Inedible Fats and Fatty Acids (only in November issue).....	\$4
1955 Short Course Lectures on Analytical Techniques (only in November issue).....	\$4
1956 Short Course Lectures on Unit Processes in the Fatty Oil, Soap, and Detergent Industries.....	\$4
1958 Short Course Lectures on Syndets and Soaps.....	\$4
(available only in October and November issues)	
1959 Short Course Lectures on Drying Oils.....	\$4
1960 Short Course Lectures on Edible Fats.....	\$4
1961 Short Course Lectures on Newer Lipid Analyses.....	\$5
Past Presidents and Committees (1909-47) (early days of the Society, bound in red cloth).....	\$1
Annual Review of Literature	ea. yr. \$3
(1947 to date except 1948, 1951, 1954, and 1959 which are not available)	
Reprints or tear sheets of published articles.....	ea. \$1.25

(Some title indices available from 1944 on, free of charge)

JOURNAL COPIES

Journal vols., (unbound) when available	ea. \$15.00
Single copies.....	ea. \$ 1.50
(except short course issues @ \$4 ea.: 11/53, 11/54, 11/55; and short course issues @ \$2 ea.: 10/56 and 11/56; 10/58 and 11/58; 10/59 and 11/59; 10/60 and 11/60; 10/61, 11/61, and 12/61, each \$2, set \$5.	

Send order with remittance to

AMERICAN OIL CHEMISTS' SOCIETY
35 E. Wacker Drive, Chicago 1, Ill.

• New Literature

PALO LABORATORY SUPPLIES, INC., 75 Ninth Avenue, New York 11, N. Y. A new, 1962 Plastic Laboratory Ware Catalog, contains many new additions to its line.

ANTARA CHEMICALS, a division of General Aniline & Film Corporation. A 32-page publication on Methylpyrrolidone (N-methyl-2-pyrrolidone). Booklet, AP-76-2, available on request: Polymeric Chemicals Department, Antara Chemicals, 435 Hudson street, New York 14, N. Y.

GENERAL ELECTRIC COMPANY, Silicone Products Department, Waterford, N. Y. A technical data booklet S-23 concerning silicones for potting and encapsulating.

DISTILLATION PRODUCTS INDUSTRIES, a division of Eastman Kodak Company. Scientists from DPI have written a new volume on Vitamin E, fifth in a series. This covers research on Vitamin E from 1958 through 1960. Eastman Kodak Company, 343 State street, Rochester 4, N. Y.

EASTMAN CHEMICAL PRODUCTS, INC. A brochure describing their industrial and specialty chemicals. This is the latest Product Index available. Bulletin No. P-104, Eastman Chemical Products, Inc., Kingsport, Tennessee.

ROOTS-CONNERSVILLE BLOWER, Bulletin RAS-261. A line of Rotary Positive Displacement Blowers and Gas Pumps. Roots-Connerville Blower Division of Dresser Industries, Inc., 900 W. Mount street, Connerville, Ind.

ARMOUR INDUSTRIAL CHEMICAL COMPANY, has prepared a booklet on anti-caking and anti-dusting chemicals. Write 110 N. Wacker Drive, Chicago 6, Ill.

CANNON INSTRUMENT COMPANY, Bulletin B-10, offers a new improved Constant Temperature Bath for Viscosity, Density, Refractive Index, and general laboratory use. Cannon Instrument Company, P. O. Box 812, State College, Pa.

FISHER SCIENTIFIC. An 8-page booklet describing the Micro Vapor Pressure Apparatus. Ask for Bulletin FS-239, Fisher Scientific, 717 Forbes avenue, Pittsburgh 19, Pa.

SCIENTIFIC GLASS APPARATUS COMPANY, INC., Bloomfield, N. J., offers the quarterly publication entitled "What's New for the Laboratory." This is 44th in the series.

BLUE M ELECTRIC COMPANY has an illustrated 4-page Bulletin No. R-6000 which describes Blue M's self-contained POWER-O-MATIC 60 SATURABLE REACTOR PACKAGE. Address: 138th & Chatham street, Blue Island, Ill.

BADGER MANUFACTURING COMPANY, 230 Bent street, Cambridge, Mass., offers a portfolio containing data sheets describing water distillation equipment.

METTLER INSTRUMENT CORPORATION, Bulletin 102A, describes a line of low-weight-range filling balances which automatically weigh out granular or powdered substances. Address P. O. Box 100, Princeton, N. J.

NALCO CHEMICAL COMPANY. Technical data file C4 on pretreatment for preparing and protecting new or freshly cleaned metal surfaces in cooling water systems. Write 6200 West 66th place, Chicago 38, Ill.

DIRECTORIES PUBLISHING COMPANY, 510 Madison Avenue, New York 22, N. Y. announces the completely up-dated Third Edition of CHEM SOURCES. The book lists over 20,000 chemicals and their sources, many with authoritative basic source designations. \$19.50.

KIMBLE GLASS COMPANY, Toledo 1, Ohio, has released their new catalog "Kimble Laboratory Glassware" (SP-75).

RADIATION EQUIPMENT & ACCESSORIES CORPORATION, offers the E-180 Actichromograph a simultaneous gas chromatography and radioactivity measuring system. Radiation Equipment & Accessories Corp., 665 Merrick Road, Lynbrook, N. Y.

FOSTER D. SNELL, INC., 29 West 15th Street, New York 11, N. Y. A 34 page booklet on Polymer Market Abstracts listing products of special interest in the international fields of plastics and elastomers, their producers, and sources of information.

WORLD FISHERIES ABSTRACTS, Vol. 12, No. 3. The bimonthly review of technical literature on fisheries and related industries issued by the Food and Agricultural Organizations of the United Nations, Rome.

LANGE & SPRINGER, Heidelberger Platz 3, Berlin-Wilmersdorf, Germany. A catalog, in German, of books in the fields of Mathematics, Physics, and Chemistry.

SEPARATION OF HEAVY METALS, by Anil K. De. (Pergamon Press Ltd., Headington Hill Hall, Oxford, England, 1961; 308 pp. \$9.00). A book on liquid-liquid extraction and the use of this method for separating heavy metals.

CHEMICAL ENGINEERING CATALOG, The Process Industries' Catalog, 46th Edition. (Reinhold Publishing Corp., 430 Park Ave., New York 22, N. Y.)

ANTARA CHEMICALS, 435 Hudson Street, New York 14, N.Y. A 10-page bulletin on Sodium Isethionate and its use in anionic surfactants, softeners, electrical-charge inhibitors, etc.

NATIONAL SAFETY COUNCIL, 425 N. Michigan Ave., Chicago 11, Ill. The program of the National Safety Congress held in October. Most of the 800 talks presented will be made available.

NUCLEAR-CHICAGO CORP., 359 East Howard Ave., Des-plaines, Ill. A 32-page brochure on the use of radioisotopes in various analytical techniques.

THE STATE OF FOOD AND AGRICULTURE, 1961 (Food and Agriculture Organization of the United Nations, Rome), gives world reviews and prospects for agricultural production, new development plans, land reforms, and many other statistics.

VTH CONGRESS—International Society for Fat Research, held in Gdansk, Poland September 21-23, 1960. Complete program and short papers given at this meeting.

THE INSTRUMENT SOCIETY OF AMERICA, is currently publishing, four 1961 issues of leading Russian technical journals, translated into English. Automation and Remote Control, Measurement Techniques, Instruments and Experimental Techniques, and Industrial Laboratory. For additional information: Foreign Translations Department, Instrument Society of America, Penn Sheraton Hotel, 530 Wm. Penn place, Pittsburgh 19, Pa.

AMERICAN SOCIETY FOR TESTING AND MATERIALS, 1916 Race street, Philadelphia 3, Pa., announces that its 1960 ASTM Proceedings, Vol. 60, is now available. This volume is the official record of the proceedings of the Society for the entire year.

PACKARD INSTRUMENT COMPANY, INC., Box 428, La Grange, Ill., has a new 16-page brochure describing the company's complete line of Tri-Carb Liquid Scintillation Counting Systems. Request Catalog AD-1002.

U. S. DEPARTMENT OF COMMERCE, announces a new publication, Tables of Spectral-Line Intensities. Part II, Arranged by Wavelengths, by William F. Meggars, Charles H. Corliss, and Bourdon F. Scribner. Order from the Supt. of Documents, Government Printing Office, Washington 25, D. C.

Maxwell Colour Centenary, a series of addresses delivered at The Royal Institution and The Imperial College, London, by The Colour Group in collaboration with The Institution of Physics and The Physical Society and The Inter-Society Colour Council of the U.S.A.

Inter-Society Color Council, Newsletter, presents a series of book reviews and abstracts, and a bibliography on color.

• *New Members*

Active

- Guillermo Sierra Aguinaga, plant director, Aceites, Grasas y Derivados S.A., Guadalajara, Mexico.
- Charles Freeman Allen, associate professor of chemistry, Pomona College, Claremont, Calif.
- Kazko Arai, instructor, department of biochemistry, University of Texas Medical Branch, Galveston, Tex.
- Marvin O. Bagby, research chemist, Northern Regional Research Laboratory, Peoria, Ill.
- Harry K. Beasley, sales manager, High Vacuum Distillates, Division of Hachmeister Inc., Pittsburgh, Pa.
- Dewey Edward Coffelt, chief chemist, Southern Chemical Cotton Company, Chattanooga, Tenn.
- David S. Darrow, research and development engineer, Swift and Company, Hammond, Ind.
- Earle Fritz, chemical engineer, Swift and Company, Hammond, Ind.
- Robert G. Fulton, general manager, C & T Refinery, Charlotte, N. C.
- John H. Hosch, Jr., plant chemist, Wesson Division, Hunt Foods & Industries Inc., Fullerton, Calif.
- Doy William Howland, research chemist, Corn Products Company, Argo, Ill.
- James Andrew Hudy, chemist, Hercules Powder Company, Research Center, Wilmington, Del.
- Keith L. Johnson, research chemist, Swift and Company, Chicago, Ill.
- Robert S. Klonowski, research chemist, Swift and Company, Chicago, Ill.
- Myron Kuchmak, post-doctorate fellow, Food Science Department, Michigan State University, East Lansing, Mich.
- Donald A. Lemire, food marketing assistant, Atlas Chemical Industries, Wilmington, Del.
- Gabriel P. Lensack, senior chemist, Atlas Chemical Industries, Wilmington, Del.
- Bruce E. McNay, chief engineer, Pacific Vegetable Oil Corporation, Richmond, Calif.
- James B. Mickle, associate professor, Dairy Department, Oklahoma State University, Stillwater, Okla.
- Philip St. John Moore, Jr., manager, Technical Department, Buckeye Cellulose Corporation, Ivorydale, Ohio.
- DeWitte Nelson, Jr., research chemist, The Wander Company, Villa Park, Ill.
- Richard Norman Paulson, chief chemist, Duron Chemical Corporation, Chicago, Ill.
- Stanley C. Paviak, chemist, Gulf Research & Development Company, Pittsburgh, Pa.
- Hamilton A. Pinkalla, president and technical director, American Bio-Synthetics Corporation, Milwaukee, Wis.
- Charles Pratt, professor, head of Department of Chemistry, Savannah State College, Savannah, Ga.
- Siruguri Raghavendar Rao, senior scientific officer, Regional Research Laboratory, Hyderabad, India.
- Phyllis Jean Reitmeyer, home economist, Durkee Famous Foods, Chicago, Ill.
- Herman Rittner, consulting engineer, ETEQ, Sao Paulo, Brazil
- Frank Paul Romano, group leader, research, Glyco Chemicals, Williamsport, Pa.
- Michael Sandor, vice-president, Cat-Chem Corporation, Elizabeth, N. J.
- Howard L. Spielberg, control chemist, Best Foods, Division of Corn Products Company, Bayonne, N. J.
- Francis E. Stanek, chemist, Cudahy Packing Company, Omaha, Nebr.
- Toru Takagi, post-doctorate fellow, Prairie Regional Laboratory, National Research Council, Saskatoon, Canada.