

New Book

CEREAL LABORATORY METHODS, with reference tables. (Fifth Edition, 1947, 341 pp. plus xiv, \$4.50. Compiled by Committee on Revision, American Association of Cereal Chemists. Published by A.A.C.C., University Farm, St. Paul 1, Minnesota.) The general form and policy followed in revising the 4th edition, 1941, was again used. One exception is that tables for converting analytical results to uniform 14% moisture basis for flour were substituted for the graphs which corrected to 13.5 and 15% moisture bases. The methods and the appendix (116 pages) have been brought up-to-date with deletions and additions as are warranted in keeping with recent developments.

The new chapters are: Experimental Malting 2 pp., Vitamin Assay 28, and Sanitary Methods 13. For information of those not familiar with the earlier editions, the names and number of pages of other chapters are listed: Wheat and Other Grains 10 pp., Experimental Milling 8, Wheat Flour, Semolina and Similar Products 25, Feeds and Feeding Stuffs 12, Rye Flour 4, Malt 12, Enzymatic and Physico-Chemical Methods 6, Baking Methods 4, Bread 5, Experimental Macaroni Processing 2, Macaroni Products 8, Fats and Shortening Materials 16, Leavening Agents 5, Yeast Foods 3, and Bleaching Agents and Flour Improvers 11. The methods are concise and easy to

follow. This has been accomplished through use of a selected bibliography of about 10 to 20 references after each chapter.

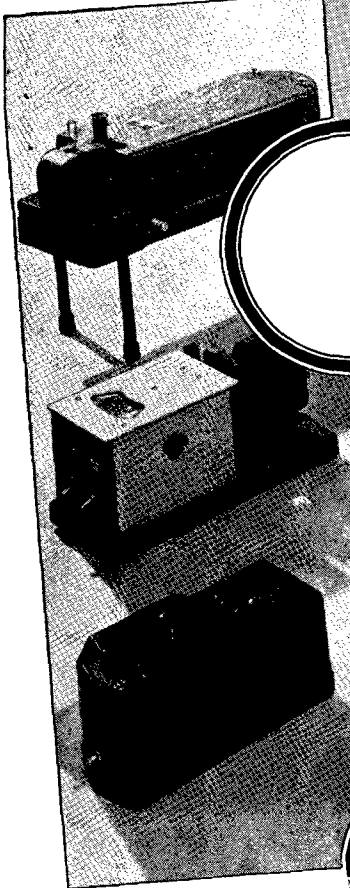
It is suggested that in the future editions it would be well to indicate clearly those methods which have been checked by the Committee from those which have not even though the Committee has exercised good judgment in the selecting of those methods which it has not checked.

The book is written for the chemist, particularly the analyst, dealing with cereals and related products.


H. T. SPANNUTH.

For the first time a unit for distilling fats, oils, and waxes by molecular distillation at the laboratory bench has been made available by Distillation Products inc. The new model is simple, compact, portable, and inexpensive. Type CMS-5 employs a centrifugal evaporator embodying the same principles as D.P.I.'s large commercial stills, so that the results obtained in the laboratory can be translated into terms of commercial production.

The CMS-5 has the unique distinction of operating with the least danger to the substance under distillation of any still yet devised—hundreds of thousands of times less than the hazard of ordinary laboratory vacuum stills. In this respect it facilitates research in distillations which have never before been possible.



*Bulletin 104A
Information on
Technical and Sales*



CENCO PHOTOELECTRIC INSTRUMENTS

Includes:

- CENCO-SHEARD-SANFORD "PHOTELOMETERS"
- CENCO-SHEARD SPECTROPHOTELOMETERS
- ACCESSORIES
- ALSO THE BECKMAN SPECTROPHOTOMETER



**CENTRAL SCIENTIFIC
COMPANY**
CHICAGO 13, ILLINOIS

PHOTOELECTRIC INSTRUMENTS

Bulletin 104A gives technical and sales information on Cenco photoelectric instruments. It describes the Cenco-Sheard-Sanford "Photelometer," the Cenco-Sheard "Spectrophotelometer," optical absorption cells, and other accessories. Also found in this valuable bulletin are descriptions of the Beckman Model DU and Infrared Spectrophotometers.

Oil chemists are invited to request Bulletin 104A.

CENTRAL SCIENTIFIC COMPANY

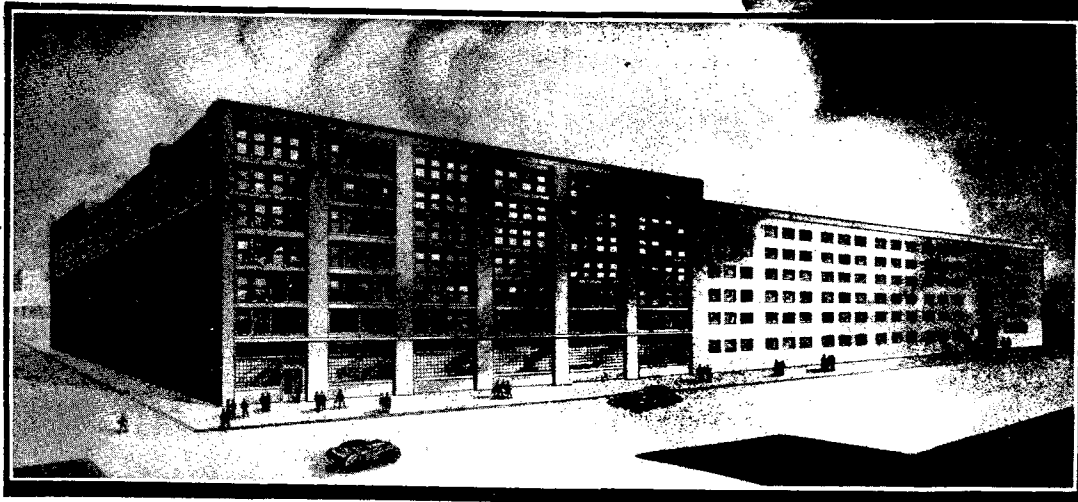
Scientific CENCO Apparatus

1700 IRVING PARK ROAD, CHICAGO 13

NEW YORK BOSTON SAN FRANCISCO NEWARK LOS ANGELES TORONTO MONTREAL

WRITE FOR BULLETIN 104A

Taking Care of THE LABORATORY NEEDS



Fisher's warehouse and new factory in Pittsburgh.

--TODAY AND TOMORROW--

Fisher Scientific Company's new addition to its Pittsburgh plant has doubled its capacity for development and manufacturing; it also increases its warehouse space and its facilities for handling orders.

This new six-story addition greatly increases Fisher's facilities to take care of the laboratories' needs of today and, at the same time, prepare to meet the new and ever-increasing needs of tomorrow.

The products of these new facilities are available from Fisher's stocks on hand in Montreal, Pittsburgh, and St. Louis, also from Eimer and Amend in New York.

Headquarters for Laboratory Supplies

FISHER SCIENTIFIC CO.



EIMER AND AMEND

717 Forbes St., **Pittsburgh (19), Pa.**
2109 Locust St., **St. Louis (3), Mo.**

Greenwich and Morton Streets
New York (14), New York

In Canada: Fisher Scientific Co., Ltd., 904 St. James Street, Montreal, Quebec

News of People and Products

JACK TURER has been appointed manager of the chemical and textile control laboratories of the Fiber division of the Virginia-Carolina Chemical Corporation at Taftville, Conn. He was formerly in charge of the organic research division at the company's Carteret, N. J., laboratories. Prior to his association with this firm he was with the U. S. Department of Agriculture in Philadelphia and Washington.

What it takes in the way of personnel and equipment to develop new processes and machines is related in Issue No. 3, 1948, of the *Kelloggram*, published by the M. W. KELLOGG COMPANY, engineers of Jersey City and New York. The brochure describes the war-time and post-war activities of the special projects department in the government program.

Two new devices are announced by FISHER SCIENTIFIC COMPANY, Pittsburgh, Pa.: the Deoxo Hydrogen Purifier for removing traces of oxygen by catalytic action from cylinders of compressed hydrogen and the Jumbo Electric Stirrer for vigorous or general stirring of liquids in large laboratory vessels.

Kelkote, a commercial soya protein pulverized for industrial use, has been introduced by SPENCER KELLOGG AND SONS inc., Decatur, Ill., according to John F. Reid of the soy flour department. The product has

broad applications as an adhesive for protective coating, paper, and wallpaper fields.

Haldon A. Leedy, chairman of physics research at ARMOUR RESEARCH FOUNDATION of Illinois Institute of Technology, has been named acting director to succeed Jesse E. Hobson. Dr. Hobson has been made executive director of the Stanford Research Institute, Palo Alto, Calif.

The silver anniversary of the AMERICAN INSTITUTE OF CHEMISTS was commemorated on May 7 at the Waldorf-Astoria, New York City, with a program entitled "The Professional Activities of Other Societies." Foster D. Snell, retiring president, addressed the group.

Study High Polymers

Developments by the NATIONAL BUREAU OF STANDARDS, Washington, pertain to various phases of research. A new method for investigating the composition and properties of high polymers has been developed by S. L. Madorsky and Sidney Straus in connection with a program for the study of the structure of natural and synthetic rubbers.

Increased understanding of the properties of the commercial solid adsorbents and their basic behavior as related to structure has resulted from a long-range cooperative program of research for a fundamental study of sugar refining problems. The results obtained for bone char are of special interest.

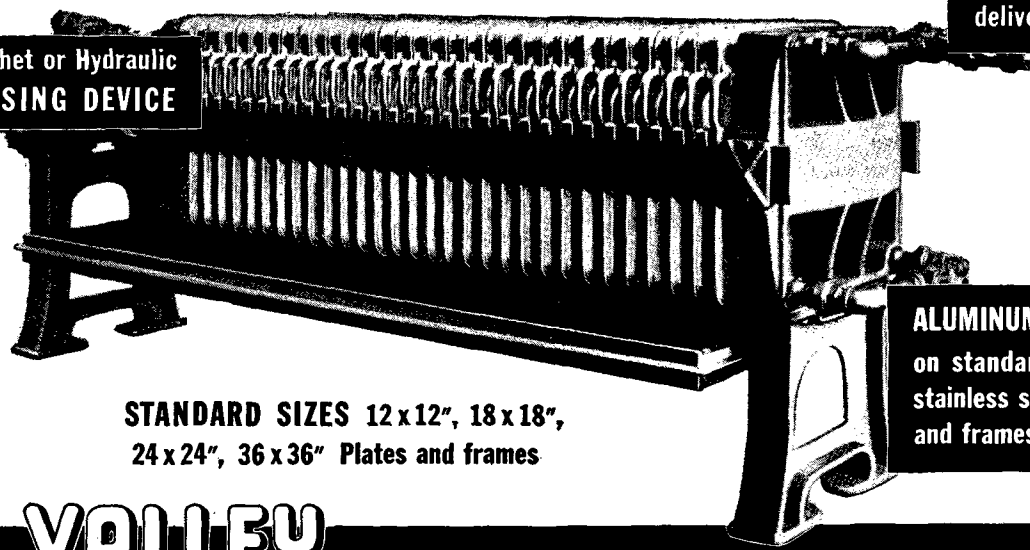
NOW

**IMMEDIATE
DELIVERY!**

on modern Valley FILTER PRESSES

Ratchet or Hydraulic
CLOSING DEVICE

CLOSED FEED
with open or closed
delivery.



STANDARD SIZES 12 x 12", 18 x 18",
24 x 24", 36 x 36" Plates and frames

ALUMINUM CONSTRUCTION
on standard models. Bronze,
stainless steel or wood plates
and frames also available.

VALLEY

SINCE 1898

FOUNDRY & MACHINE WORKS INC.

FRESNO 18, CALIFORNIA