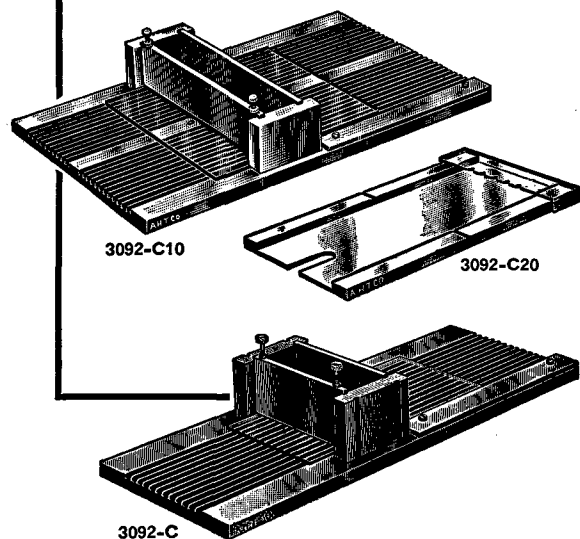


Thomas announces two models of
**CAMAG Apparatus for
Thin Layer Chromatography**



THIN LAYER CHROMATOGRAPHY APPARATUS, Camag. For applying uniform coatings of inorganic materials to glass plates for adsorption or partition separation of 0.5 to 500 microgram samples using paper chromatography techniques.

Plates are coated and dried. Adsorption coatings are heated for activation. Samples are applied by pipet and ascending chromatograms are developed.

Advantages include: speed of separation (30 to 60 minutes); simplicity of equipment and manipulation; and the use of a great variety of developing agents, including corrosives.

See E. G. Wollish, M. Schmall, and M. Hawrylyshyn, *Analytical Chemistry*, Vol. 33, p. 1133 (1961).

Applicators. Free sliding gates form back and front of trough. Adjustment screws in exit gate control the coating thickness. Now offered in two models, each 15 3/4 inches long, i.e., for 100 or 200 mm glass plates, respectively.

Spotting Guides. Of transparent plastic. With notches to permit pipet to be applied at points 15 mm apart, 25 mm from end of glass plate.

Plate Rack. For convenient handling and storage of coated plates in ten perforated aluminum trays, each tray taking one 200 mm or two 100 mm plates.

3092-C. Applicator, Camag Model A, for 100 mm glass plates; with one pair each of 90 and 100 mm gates and 0.3 mm coating gauge but without glass plates or coating materials. **90.50**

3092-C10. Ditto, Model B, adjustable for either 200 mm or 100 mm glass plates; with one pair each 100 and 200 mm gates. **106.50**

3092-C20. Spotting Guide, 100 mm, for 100 mm coated plates **15.25**

3092-C25. Ditto, 200 mm, for two 100 mm or one 200 mm coated plate. **20.50**

3092-C30. Plate Rack, only. **32.15**

3092-C50. Glass Plate, 100 x 200 mm x 2 1/4 mm thick; with ground edges. **.25**

3092-C60. Ditto, but 200 x 200 mm. **.40**

10% discount on Glass Plates in lots of 12; 20% discount in lots of 72, one size only.

Copy of Bulletin 3092-C, giving more detailed information, sent upon request

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• *Referee Applications*

Second Notice. J. W. Thomas, of Southern Testing Laboratories, Inc., 5450 River Rd., Westwego, La., has applied for a Referee Certificate on crude vegetable oils and tallows and greases. The Chairman of the Examination Board should be contacted by interested parties wishing to comment on this certification. Please write to N. W. Ziels, Chairman of the Examination Board, Lever Brothers Co., 1200 Calumet Ave., Hammond, Ind.

Second Notice. W. D. Simpson of Woodson-Tenent Laboratories, Wilson, Ark., has applied for a Referee Certificate on oilseed meal and vegetable oils. The Chairman of the Examination Board should be contacted by interested parties wishing to comment on this certification. Please write to N. W. Ziels, Chairman of the Examination Board, Lever Brothers Co., 1200 Calumet Ave., Hammond, Ind.

2nd NE Section Symposium
Held April 2

The Northeast Section of the AOCS sponsored its Second Annual Unit Process Symposium at the Hotel Essex House in Newark, N. J., earlier this month. The program, which will be reviewed in detail in a future issue, contained the following presentations:

- "The Chemistry of Vegetable Oil Refining"
 Morris Mattikow, Consultant, New York, N. Y.
- "The Theory of Activated Earth Bleaching and Its Practice"
 A. D. Rich, Vice President, Bennett-Clark Co., Nacodoches, Texas
- "The Theory of Filtration and Its Practice"
 Francis Hutto, Senior Research Chemist, Johns-Manville Co. Inc., New York, N. Y.
- "The Kinetics of Esterification and Its Practice"
 M. W. Formo, Asst. Director of Research, Archer-Daniels-Midland Co., Minneapolis, Minn.
- "Fatty Acid Dimers: Their Chemistry and Application"
 H. M. Teeter, Asst. Director, Northern Regional Research Laboratory, U.S.D.A., Peoria, Ill.
- "Fatty Acid Chlorides: Their Chemistry, Processing, Derivatives and Applications"
 L. M. Schenk, Group Leader, Research, General Aniline & Film Corp., Linden, N. J.
- "The Chemistry of Cyclic Fatty Acid"
 J. P. Friedrich, Principal Chemist, Northern Regional Research Laboratory, U.S.D.A., Peoria, Ill.

Obituaries . . .

(Continued from page 35)

Albany, Calif., since 1939. Dr. Kester served on the Journal Committee for AOCS from 1951-54.

E. S. Liebscher (1935), North Bergen, N. J., died August 3, 1962 while on his vacation. Mr. Liebscher was Chief Chemist, John Stanley Soap Co. for 37 years previous to his death.

W. J. O'Connell (1954), Memphis, Tenn., passed away suddenly November 6, 1962. He was Vice President, Chemical Operations, Humko Products. Mr. O'Connell had been with Humko since 1952.

New Products . . .

(Continued from page 37)

for performing routine laboratory wet analysis. The Titr-Kit was designed for use in laboratory tests and as an aid in teaching science at all levels of education.

BRINKMANN INSTRUMENTS, INC., Great Neck, N. Y., now offers a new model E-388 Metrohm pH Meter. This instrument was developed for maximum accuracy requirements, and now replaces the Model E-322.

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• Industry Items

SADTLER RESEARCH LABORATORIES, Philadelphia, Pa., has expanded consulting facilities for food flavor and odor problems. The new laboratory contains apparatus for the recovery, separation, and identification of flavor and odor components.

EASTMAN CHEMICAL PRODUCTS, INC., New York, N. Y., announced the opening of new technical and sales service laboratories for three of its divisions—Fibers, Chemicals, and Plastics—at Kingsport, Tenn. ECP is a subsidiary of the Eastman Kodak Co.