New Academic Press Publications __



January-July 1956

BOOKS

Bamford, C. H., Elliott, A., and Hanby, W. E. Synthetic Polypeptides: Preparation, Structure, and Properties (Physical Chemistry Monograph, Vol. V)

June 1956

BERL, W. G. (ED.)

Physical Methods in Chemical Analysis. Vol. III

BIRKHOFF, G., AND ZARANTONELLO, E. H.

Jets, Wakes, and Cavities

June 1956

BOURNE, G. H. (ED.)

Biochemistry and Physiology of Bone March 1956

Brillouin, L.

Science and Information Theory

March 1956

CHEVALLEY, C.

Fundamental Concepts of Algebra (Mathematics Monograph, Vol. VII)

July 1956

COLOWICK, S. P., AND KAPLAN, N. O. (EDS.) Methods in Enzymology. Vol. III

June 1956

EIRICH, F. R. (ED.)

Rheology Treatise (In 3 vols.). Vol. I

April 1956

GAEBLER, O. H. (ED.)

Enzymes: Units of Biological Structure and Function. Henry Ford Hospital International Symposium

March 1956

Gustavson, K. H.

The Chemistry and Reactivity of Collagen

February 1956, 342 pp., \$8.00

Gustavson, K. H.

The Chemistry of Tanning Processes February 1956, 403 pp., \$9.00

HERSHENSON, H. M.
Visible and Ultraviolet Spectra: Twenty-Five Year Index (1930-1954)

May 1956

HINE, G. J., AND BROWNELL, G. L. (EDS.)

Radiation Dosimetry

March 1956

Кават, Е. А.

Blood Group Substances: Their Chemistry and Immunochemistry

January 1956, 330 pp., \$8.00

Kauzmann, W.

Quantum Chemistry

June 1956

KOPFERMANN, H.

Nuclear Moments

Translated from the 2nd German revised edition, by E. E. Schneider

Summer 1956

LEVITT, J.

The Hardiness of Plants (Agronomy Monograph, Vol. VI)

June 1956

Montagna, W.

The Structure and Function of Skin

March 1956

NACHOD, F. C., AND SCHUBERT, J. (EDS.) Ion Exchange Technology

April 1956

OSTER, G., AND POLLISTER, A. W. (EDS.)
Physical Techniques in Biological Research Vol. II (Physical Chemical Techniques)

April 1956

Vol. III (Cells and Tissues)

May 1956

OSWATITSCH, K.

Gas Dynamics

English version by G. Kuerti

Summer 1956

Pincus, G., and Engle, E. T. (eds.)

Hormones and the Aging Process

March 1956

SAGE, B. H., CORCORAN, W. H., AND OPFELL, J. F.

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May 1956

SOMMERFELD, A.

Thermodynamics and Statistical Mechanics (Lectures on Theoretical Physics, Vol. V.)

February 1956, 401 pp., \$7.00

Underwood, E. J.

Trace Elements in Human and Animal Nutrition March 1956

SERIAL PUBLICATIONS

Advances in Applied Mechanics. Vol. IV

H. L. DRYDEN, TH. V. KARMAN, AND G. KUERTI (EDS.)

February 1956

Advances in Biological and Medical Physics. Vol. IV

J. H. LAWRENCE AND C. A. TOBIAS (EDS.) February 1956

Advances in Cancer Research. Vol. IV

J. P. Greenstein and A. Haddow (eds.) July 1956

Advances in Chemical Engineering. Vol. I

T. B. Drew and J. W. Hoopes, Jr. (eds.) May 1956

Advances in Electronics and Electron Physics. Vol.

L. MARTON (ED.)

January 1956, 527 pp., \$11.50 Advances in Genetics. Vol. VIII

M. Demerec (ed.) April 1956

Advances in Protein Chemistry. Vol. X

M. L. Anson, K. Bailey, and J. T. Edsall (eds.)

January 1956, 425 pp., \$9.00 The Harvey Lectures, Series 50 (1954–1955)

(Incl. cumulative contents, author and subject indexes, Series 1-50)

March 1956

International Review of Cytology. Vol. V

G. H. Bourne and J. F. Danielli (eds.)

May 1956

Solid State Physics. Vol. II

F. SEITZ AND D. TURNBULL (EDS.) May 1956

NEW JOURNALS

Journal of Electronics

Vol. 1, July 1955–June 1956, 6 parts, \$15.40

Nuclear Science and Engineering:

The Journal of the American Nuclear Society Vol. 1, 1956, 6 issues, \$10.00

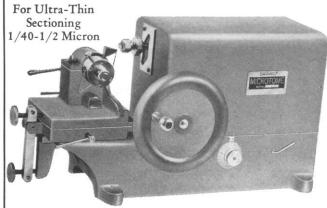








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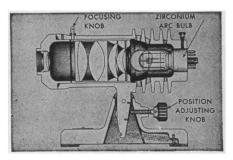
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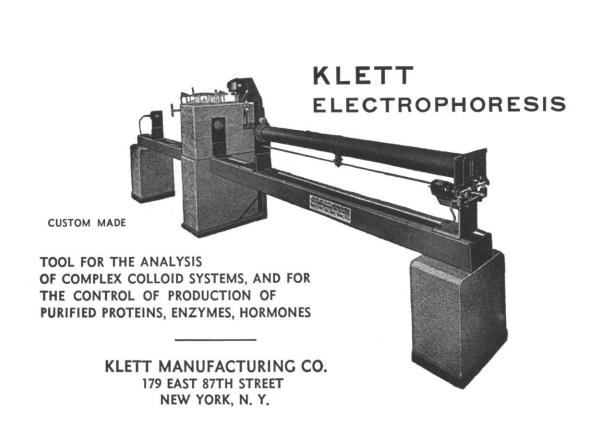
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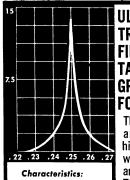
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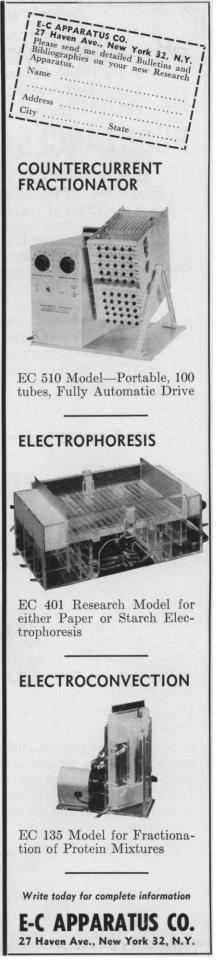
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- SILICONE REFERENCE GUIDE for 1956 describes almost 150 of the most generally used silicone products, 18 of which were first introduced within the last 12 months. The products are grouped by physical form and cross-indexed by usage. (Dow Corning Corp., Dept. Sci., Midland, Mich.)
- PORTABLE ELECTRIC ACID PUMP transfers acids from open vessels as well as from standard carboys and drums. The Centri-F Pump, which is self-priming and self-draining, is furnished in materials that are suitable for use with the particular acid specified. It is driven by an enclosed electric motor and delivers a steady, spurt-free flow of acid at a rate of approximately 6 gal./min. (General Scientific Equipment Co., Dept. Sci., 27 and Huntingdon Sts., Philadelphia 32,
- PRIMARY MONOHYDRIC ALCOHOL, Abitol, is described in a new technical booklet that includes a discussion of the use of the product in alkyd resins, as well as a discussion of its properties and other general applications to adhesives, fixatives, hot-melt coatings, oil additives, wax additives, and surfactants. (Hercules Powder Co., Dept. Sci., Wilmington 99, Del.)
- ELECTRONIC RELAY provides simultaneous operation of normally closed and normally open circuits without switchover. All outlets are switched and equipped with pilot lights. A control current of 3 µa actuates power loads up to 15 amp. (Forma-Scientific, Inc., Dept. Sci., Box 332, Marietta, Ohio)
- ■INFRARED ANALYZER is a dual-beam, nondispersive instrument that employs selective detectors. The two detectors, which can be independently sensitized, are filled with gas that absorbs radiation only in the wave-length region that is useful in the analysis. The signal-to-noise ratio is high. (Applied Physics Corp., Dept. Sci., 362 W. Colorado St., Pasadena, Calif.)



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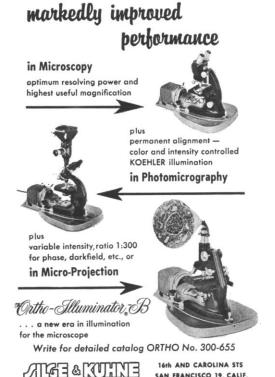
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