

• Wide-Range • Serviceable • Dependable

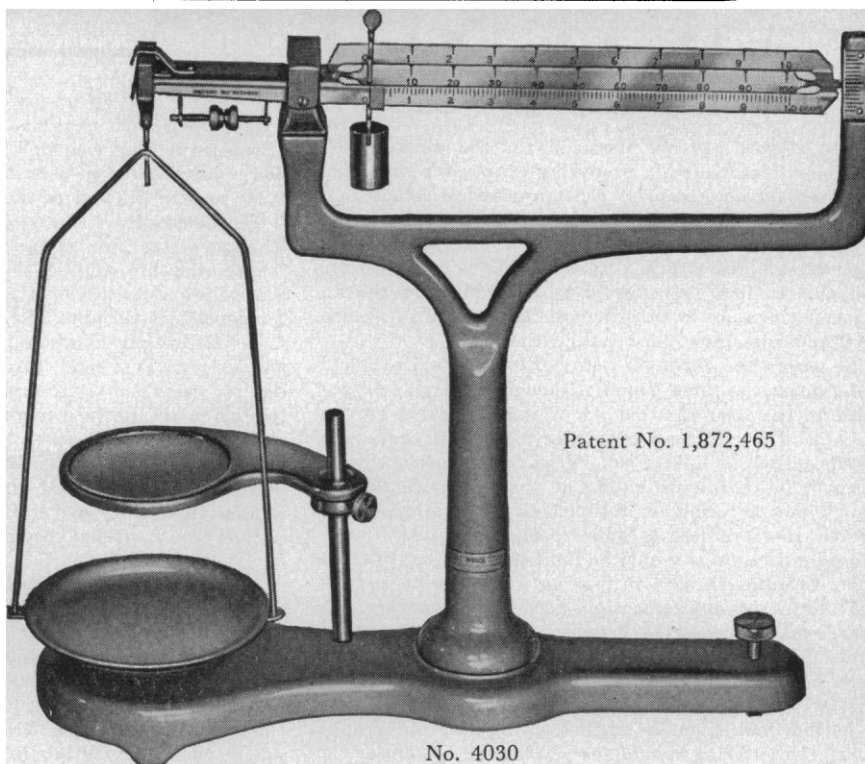
STAINLESS STEEL TRIPLE BEAM BALANCE

Highly resistant to corrosive action of laboratory fumes.

3 graduated scale levels for easy reading. Riders move easily.

Hard, Cobalite Knife Edges maintain true edge indefinitely.

Grooved Agate Bearings are protected against damage, yet readily accessible for cleaning.



CAPACITY
111 g. (With extra weight 201 g.)

CORROSION-RESISTANT!

All exposed metal parts are stainless steel. A tough, tenacious, chip-proof, metallic lacquer is used on the base and beam support.

FUNCTIONALLY DESIGNED!

Scales are stepped upward front to rear for best eye-level visibility and to make weights convenient to manipulate. The large weights have sharp hanger edges and their beams are deep-notched to insure that settings will be positive and accurate.

SENSITIVITY
0.01 g. or less

ONE-PIECE BEAM CONSTRUCTION!

No screws, rivets, or separate scales to become loose. Hard-to-clean crevices and cracks are eliminated.

RAPID ZERO SETTING!

The usually tedious adjustment to zero is accomplished almost instantly by means of a leveling screw. No more careless acceptance of a poor zero setting because of the nuisance of correcting it.

Each \$27.50

Extra Weight \$1.50 Additional

*Manufacturers of
Scientific Instruments and
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ESTABLISHED 1880

1515 SEDGWICK STREET, DEPT. E CHICAGO 10, ILLINOIS, U.S.A.

This is the second edition of this standard textbook, which originally appeared in 1941. The revision is extensive, and the book will be welcomed by teachers, students, and the general reader. The book opens with a reminder that "some regions offer a choice of only a few occupations, whereas others offer a choice of many," and closes with the following paragraph.

The United States is intricately associated in a complex of trade relations that ties us commercially to nearly every region of the world. Prosperous farmers require a market for their surplus products; successful industries rely, not only on foreign markets for surplus manufactured articles, but also on foreign sources for certain industrial raw materials. Our high standard of living depends on the variety and quantity of goods we consume. To maintain this standard we must utilize such articles as rubber, tin, hemp, vanadium, bauxite, asbestos, sugar, coffee, and spices; none of these is produced in sufficient quantities in the United States. If our foreign commerce were stopped, we would be without such things as automobiles, electricity, telephones, daily newspapers, coffee, airplanes, and streamlined trains—things that are a vital part of our high standard of living. Thus we must arrange to exchange goods with peoples who produce the things we need; we must also arrange to dispose of our own surplus products to those who can use them. The successful adjustment of the problems involved in making these arrangements depends on an adequate understanding of our own occupations and those of other peoples. This is the chief purpose of the study of economic geography. It is basic to the understanding and solution of international problems, whether they be economic, political, or social.

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New Books

- The Elementary Chemical Composition of Marine Organisms.* Memoir No. 2. A. P. Vinogradov. Trans. by Julia Efron and Jane K. Setlow. Sears Foundation, Yale Univ., New Haven, 1953. xiv + 647 pp. \$17.
- A Monograph of the Fungus Genus Cercospora.* Charles Chupp. Charles Chupp, Ithaca, N.Y., 1954. 667 pp. Illus. \$10.
- Infinite Abelian Groups.* Irving Kaplansky. Univ. of Michigan Press, Ann Arbor, 1954. v + 91 pp. Paper, \$2.
- Advances in Genetics.* vol. VI. M. Demerec, Ed. Academic Press, New York, 1954. ix + 488 pp. Illus. \$9.80.
- Petroleum Microbiology.* An introduction to microbiological petroleum engineering. Ernest Beerstecher, Jr. Elsevier Press, Houston, 1954. xv + 375 pp. Illus. \$8.
- Psychomotor Aspects of Mental Disease.* An experimental study. H. E. King. Harvard Univ. Press, Cambridge, Mass., 1954 (For the Commonwealth Fund). xiv + 185 pp. Illus. \$3.50.
- Biological Effects of External Radiation.* Henry A. Blair, Ed. McGraw-Hill, New York-London, 1954. xvii + 508 pp. Illus. \$7.
- Millimicrosecond Pulse Techniques.* I. A. D. Lewis and F. H. Wells. McGraw-Hill, New York; Pergamon Press, London, 1954. xiv + 310 pp. Illus. + plate. \$7.50.

Miscellaneous Publications

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- Der Symmetriecharakter des Turbulenz-(Austausch-) Tensors.* Sitzungsberichte der Deutschen Akademie der Wissenschaften zu Berlin, Klasse für Mathematik und allgemeine Naturwissenschaften, Jahrgang 1953, No. 2. Hans Ertel. Akademie-Verlag, Berlin, 1953. 8 pp. DM. 1.
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- Study of Atmospheric Ions in a Nonequilibrium System.* Geophysical Research Paper, No. 26. C. G. Stergis. Air Force Cambridge Research Center, Cambridge, Mass., 1954 (Order from Office of Tech. Services, U.S. Dept. of Commerce, Washington 25). 28 pp. Illus.
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- Contributions to Science, No. 2.* Florida State Univ. Studies, No. 13. Weymouth T. Jordan, Ed. Florida State Univ., Tallahassee, 1954. 100 pp. Illus. + plate.
- Proceedings of the Eighth Annual Session of the Ceylon Association for the Advancement of Science* (27-29 Nov. 1952). pt. 1, Sectional programs, abstracts. The Association, Univ. of Ceylon, Colombo, 1952. 39 pp.
- Observations with the Anoptral Microscope.* Alvar Wil-ska. George Fromme, Vienna, 1954. 80 pp. Illus.
- Age and Growth Studies on Two Species of Whitefishes from Point Barrow, Alaska.* Daniel M. Cohen. *Growth Peculiarities of the Cisco, Coregonus sardinella (Valen-ciennes), in the Vicinity of Point Barrow, Alaska.* Donald E. Wohlschlag. Stanford Ichthyological Bull., vol. 4., No. 3. Natural History Museum of Stanford Univ., Stanford, Calif., 1954. 43 pp. Illus.
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- Guía de Instituciones y Sociedades en el Campo de las Ciencias Sociales.* pt. 2, *América Latina.* Office of Social Sciences, Pan American Union, Washington 6, ed. 2, 1954. 184 pp. Ctvo. 20.

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