

establishment of body image and self identity—a preliminary report” by Philip R. A. May, Milton Wexler, Jeri Salkin, and Trudi Schoop; “The acute psychosis as a manifestation of growth experience” by Don D. Jackson and Paul Watzlawick, and “The acute psychosis—The pathogenic community” by Seymour Kolko.

Analytical Methods for Pesticides, Plant Growth Regulators, and Food Additives. vol. 4, *Herbicides*. Gunter Zweig, Ed. Academic Press, New York, 1964. 285 pp. Illus. \$12. Covers some 30 different herbicides and plant growth regulators; contributors are G. H. Batchelder, Arthur Bevenue, W. E. Bleidner, H. P. Burchfield, R. A. Conkin, C. E. Ferguson, Jr., L. N. Gard, L. S. Gleason, C. F. Gordon, L. D. Haines, T. R. Hopkins, J. J. Kirkland, E. Knüsli, J. R. Lane, W. K. Lowen, R. P. Marquardt, D. MacDougall, J. J. Menn, G. G. Patchett, H. L. Pease, Grant N. Smith, H. A. Stansbury, Jr., Eleanor E. Storrs, G. L. Sutherland, A. L. Wolfe, and E. H. Yonkers.

Atlas of Human Anatomy. vol. 3, pt. 1, *Atlas for Dissection of the Human Body, Heart, Blood Vessels, Nerves, and Lymphatics*; pt. 2, *Atlas of Neuroanatomy, Central Nervous System, Autonomic Nervous System, Eye, Ear, and Skin*. Johannes Sobotta; 8th English edition by Frank H. J. Figge. Hafner, New York, 1963. Unpaged. Illus. \$12.50 each. This edition is based on the 16th German edition (1961), edited by H. Becher.

Biomedical Applications of Gas Chromatography. Based on lectures presented during the Fifth Annual Chromatography Institute (Buffalo, N.Y.), 1963. Herman A. Szymanski, Ed. Plenum Press, New York, 1964. 330 pp. Illus. \$12.50. Eight papers: “A brief introduction to the theory and practice of gas chromatography” by Herman A. Szymanski; “The gas chromatography of amines, alkaloids, and amino acids” by Henry M. Fales and John J. Pisano; “Separation, identification, and estimation of steroids” by W. J. A. VandenHeuvel and E. C. Horning; “Gas chromatography of bile acids” by Jan Sjöval; “Gas chromatography of carbohydrates” by William W. Wells; “Gas chromatography of urinary aromatic acids” by Clyde M. Williams and Charles C. Sweeley; “Analysis of fatty acids and derivatives by gas chromatography” by Walter R. Supina; and “Determination of volatile organic anesthetics in blood” by Harry J. Lowe and Lloyd M. Beckham.

The Biology of Animal Parasites. Thomas C. Cheng. Saunders, Philadelphia, 1964. 737 pp. Illus. \$13.50.

Comparative Biochemistry. A comprehensive treatise. vol. 7, *Supplementary Volume*. Marcel Florkin and Howard S. Mason, Eds. Academic Press, New York, 1964. 496 pp. Illus. \$15. Five papers: “Expressions of the pentose phosphate cycle” by N. G. Pon; “Chitin and mucosubstances” by P. W. Kent; “Cellular aspects of active transport” by Ernest Schoffeniels; “The hormones and behavior” by William C. Young; and “The comparative biochemistry of antibiotics and antibiotics” by Maurice Welsch.

Conditioning and Psychiatry. Thomas A. Ban. Aldine, Chicago, Ill., 1964. 256 pp. \$5.95.

20 NOVEMBER 1964

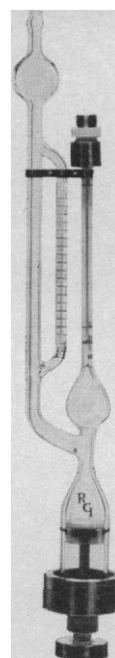
FOR HIGH VACUUM MEASUREMENT (.0001—1 mm. HG.)

adjustable closed end **McLEOD GAGE**

- High precision single linear scale 0-100 mm
- Multiple ranges achieved with adjustable closed end

0-1 mm in .01 mm
0-0.1 mm in .001 mm
0-.01 mm in .0001 mm
- Closed end easily opened for cleaning
- Micrometer adjustment of meniscus

\$636470 GAGE McLEOD
complete as described **\$52.50**
above without mercury



High vacuum “O” ring seal and precision ground rod creates an adjustable closed end.

Permits multiple selection of range with a single linear scale.

High precision obtained with precision bore capillaries and permanent ceramic scale.

White background for easy accurate readings.

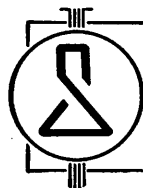
Removable precision ground rod allows for easy cleaning and removal of mercury separations.

Vacuum sealed plunger for compact simple adjustment of mercury meniscus.

Compactness and simplicity makes this instrument unique.

Write for information on RGI Manometric Gage, Vacuum Gage, Flowmeters, Micrometer Syringes, Micrometer Burettes and Warburg Syringe Manometers.

PATENT
No. 3,122,923



**STANDARD SCIENTIFIC
SUPPLY CORP.**

808 BROADWAY
NEW YORK, N.Y. 10003

601 RODIER DRIVE,
GLENDALE CALIF. 91201

332 HARBOR WAY
SO. SAN FRANCISCO, CALIF. 94080

LABORATORY APPARATUS • REAGENTS AND CHEMICALS

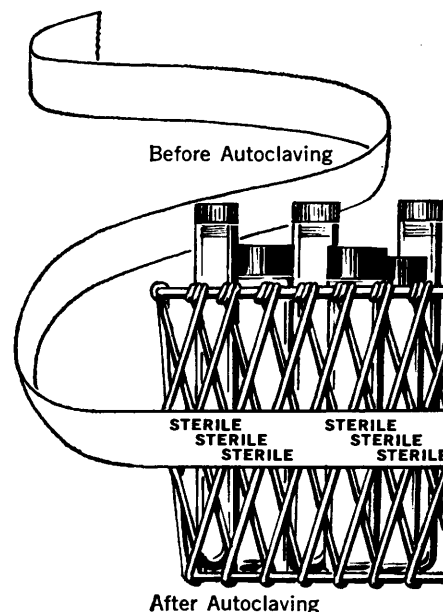
STERILE OR CONTAMINATED?

TSI TAPE
identifies the condition!

Protect laboratory personnel from contamination and assure STERILE glassware for each test by following this simple procedure:

1. Place all glassware in basket marked with TSI Tape.
2. After glassware has been autoclaved for 15 minutes at 250° F., TSI Tape will show a color change indicating “STERILE.”
3. Following use, and before disposing of dangerous material, place glassware in basket marked with a new tape and autoclave.

TSI is the *only* tape which shows a color change after 15 minutes in the autoclave at 250° F. TSI Tape leaves no sticky residue when removed.



See your laboratory or hospital supplier for TSI (Time Sterile Indicator) Tape.

For samples and complete description write to:

PROFESSIONAL TAPE CO., INC.
365-L Burlington Avenue • Riverside, Illinois 60546



There it is again...



THE UBIQUITOUS FILTER PAPER

Wherever you find a filter press these days, you find E-D filter paper. Here at the Reef & Palm Coconut Oil Co., Inc., for example, the experienced chemists and process engineers specify E-D on every purchase requisition. One raftload every 9 years. Not a large customer, perhaps . . . but steady.

At Eaton-Dikeman, where our principal business is the manufacture of quality filter papers,

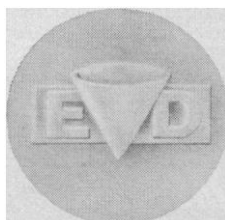
no order is too small to receive prompt, individual attention;

no order is too big to be filled quickly and completely;

no special requirement is too much trouble for thorough analysis and special production handling.



Write for catalog information on the complete E-D line of laboratory and industrial filter papers. If you have a special filtering problem, let our paper engineers help you with the solution.



THE EATON-DIKEMAN COMPANY

Filtertown, Mount Holly Springs, Pennsylvania

Index to Advertisers—

20 November 1964

Advanced Instruments, Inc.	1100
Ainsworth, Wm., & Sons, Inc.	1095
Ajusto Equipment Co.	1086
American Optical Co.	1106
ANS, Inc.	980
Bausch & Lomb Inc. ... 1083, 1099,	1103
Brush Instruments	972
Coleman Instruments Corp.	976
Cooke, Troughton & Simms, Inc. ...	994
Difco Laboratory Products	1086
Eaton-Dikeman Co.	1102
Edmund Scientific Co.	1096
Fisher Scientific Co.	1082
Gilford Instrument Laboratories Inc.	1097
Hacker, William J., & Co., Inc.	1094
Harvard Apparatus Co., Inc.	1090
Honeywell Research Center	999
Japan Electron Optics Laboratory Co., Ltd.	1081
Kewaunee Manufacturing Co.	1090
Klett Manufacturing Co., Inc.	1100
Laboratory Construction Co.	1089
Lea & Febiger	1084
Leeds & Northrup Co.	995
Leitz, E., Inc.	1000
London Co.	984
Matheson Co., Inc.	988
Nalge Co., Inc.	1084
New England Nuclear Corp.	1100
Northern Scientific Inc.	991
Nuclear-Chicago Corp.	1091
Nutritional Biochemicals Corp.	973
Ohaus Scale Corp.	1105
Packard Instrument Co., Inc.	1002
Pennsylvania Fluorocarbon Co., Inc.	1086
Perkin-Elmer Corp.	981, 1094
Phipps & Bird, Inc.	1086
Phoenix Precision Instrument Co. ...	1094
Photo Research Corp.	1090
Photovolt Corp.	1100
Polaroid Corp.	1079
Professional Tape Co., Inc.	1101
Radiation Instrument Development Laboratory, Div. of Nuclear- Chicago Corp.	982
Radiochemical Centre	1096
Sage Instruments, Inc.	1091
Sargent, E. H., & Co.	985
Schwarz BioResearch, Inc.	1092
Sorensen	979
Sorvall, Ivan, Inc.	996
Standard Scientific Supply Corp. ...	1101
Technical Measurement Corp.	977
Tektronix, Inc.	1085
University Microfilms, Inc.	993
Vanguard Instrument Corp.	978
Varian Associates	983
Westinghouse Cryogenic Systems Dept.	992
Will Scientific, Inc.	1098

AAAS

Symposium Volume

SYSTEM OF UNITS— NATIONAL AND INTERNATIONAL ASPECTS

Edited by Carl F. Kayan

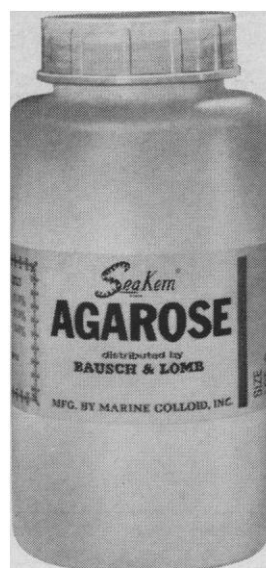
"This book is a compilation of papers on the subject of measurement standardization and should contribute much to helping each of us reach a position regarding this problem."

Journal of Engineering Education, Oct. 1962
308 pages, 1959\$6.75

AAAS members discount price\$5.75

Order from

AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE
Room 103 1515 Massachusetts Ave., NW
Washington, D.C. 20005



AVAILABLE
EXCLUSIVELY
FROM
**BAUSCH
& LOMB**

Bausch & Lomb has been selected by Marine Colloids, Incorporated as exclusive distributor for SeaKem Brand Agarose in the laboratory and clinical fields.

DATA
Strongly-gelling Agar extract (powder form)
Non-ionic, with minimal adsorption and electroendosmosis
High optical clarity
Sulfate content—less than 0.5%
Ash content—less than 1.5%
Moisture content—less than 15%
(Assay available on request).

Supplied in standard units of 25, 100 and 250 grams. Larger quantities available on request. Order from Bausch & Lomb, 77411 Bausch St., Rochester, N. Y. 14602.

PERSONNEL PLACEMENT

Replies to blind ads should be addressed as follows:

Box (give number)
SCIENCE
1515 Massachusetts Ave., NW
Washington, D.C. 20005

POSITIONS WANTED

Biologist, Ph.D.; 10 years of teaching research; molecular biology, fungal genetics, physiology. Numerous publications. Desires university position. Box 551, SCIENCE. X

Clinical Chemist, Ph.D., with considerable experience in diagnostic analysis, research, and teaching. Seeks challenge in building up laboratory of clinical chemistry. Box 539, SCIENCE. X

Licensed graduate **Electrical Engineer**, 20 years of radar experience in management product design, quality control. Seeks position with university. Box 544, SCIENCE. X

Literature Projects, chemistry, biochemistry, abstracting, indexing. Translations \$16 per thousand. Russian, Polish, Ukrainian, French, German. 885 Easton, Apt. 9B8, Glenside, Pennsylvania. X

Microbiologist, Ph.D. 1956. Publications, patent. Biosynthesis antibiotics, radioactive labeled compounds, physiology, strain improvement, fermentations. Research institute/industry/university. Box 545, SCIENCE. X

Ph.D. Physiology-Biochemistry, teach physiology (cellular, comparative, and human) with research opportunity; or position with research group in cell permeability and transport. Experienced. Available August 1965. Box 550, SCIENCE. 12/11; 1/22

Protein Chemist, Ph.D. 1964. Excellent bibliography. Physical chemical aspects of immunochromatography, antibody structure, mechanism of antibody action. Permanent position desired. Box 549, SCIENCE. X

POSITIONS WANTED

(a) **Bacteriology Ph.D., B.V.S.,** immunochemistry-allergy research experience; seeks research position. (b) **Endocrinology Ph.D.,** nutrition M.S., cancer, tumor transplantation, reproduction research; available for research appointment. Write Woodward Medical Personnel Bureau, 185 North Wabash, Chicago 60601. X

Research Director, Ph.D., seeks new challenge with or without teaching. Background in clinical chemistry, analytical methodology, vitamins, metabolism and drugs. Box 538, SCIENCE.

POSITIONS OPEN

(a) **Ph.D. Clinical Chemist**, supervisory; auto-analyzer experience; 400-bed hospital New York. (b) **Head Pharmacologist**, microbiology, toxicology training; management experience; Midwest pharmaceutical house. (c) **Product Development**; creative, resourceful, market-minded; trained by experience/education in pharmaceuticals; to \$10,000; Central. (d) **B.S. Chemist**, analytical biochemical training; industrial laboratory research; Central; to \$6300. (e) **Research Technician**, biology major, chemistry minor; nervous tissue work; Central hospital. (f) **Pharmaceutical Chemist, B.S.,** experienced; R&D pharmaceutical development; North Central.

Faculty Appointments: (g) **Ph.D. Chemist**, administrative head small, growing department; physical chemistry background; \$10,600 up; eastern college. (h) **Ph.D. Microbiologist**, administration hygiene laboratory research; assistant professor state university. (i) **Ph.D. Zoologist**; graduate level embryology, vertebrate histology; eastern university; to \$8000. (j) **Ph.D. Endocrinologist/Cellular Physiologist**, excellent research, teaching facilities; midwestern university. (k) **Ph.D. Zoologist (morphologist)**; teach comparative anatomy, research; Central university. (l) **Biologist**; teach anatomy, physiology; capable in microbiology; December 1964 appointment; eastern community college.

Please write Science Service, The Medical Bureau, Inc., 900 North Michigan Avenue, Chicago, Illinois 60611. X

POSITIONS OPEN

BIOCHEMIST

INTERESTED IN INSTRUMENTATION. To head group in design and development of new analytical biochemical instrumentation. Previous experience essential. Small company offers growth opportunity. Send resume in confidence to:

SAVANT INSTRUMENTS, INC.
221 Park Ave., Hicksville, New York 11801

UNIVERSITY OF SASKATCHEWAN REGINA CAMPUS REGINA, SASKATCHEWAN

invites applications for the following academic posts as of July 1, 1965. Applicants should have qualified for the Ph.D. degree and, in the case of senior appointments, have research and teaching experience. Duties to consist of teaching and research. Completely new laboratories available. **Salary Ranges**—Professor: \$13,000 - \$14,300., Associate Professor: \$10,000 - \$12,800., Assistant Professor: \$7,500 - \$9,800., Sessional Lecturer: \$5,000 (8 months from September 1, 1965). Send complete Curriculum Vitae, small photograph and names of three or four references or requests for further information to: A. B. Van Cleave, Chairman, Division of Natural Sciences.

A PROFESSOR OF BIOLOGY, Specialization in botany or zoology. **A SESSIONAL LECTURER IN BIOLOGY**, Specialization in genetics, preferably plant genetics. **A PROFESSOR** and an **ASSISTANT PROFESSOR OF CHEMISTRY**, Specialization in analytical, inorganic, physical or physical-organic chemistry preferred. An **ASSOCIATE PROFESSOR OF GEOLOGY**, Field of specialization open. **A PROFESSOR** and an **ASSOCIATE PROFESSOR OF MATHEMATICS**. One appointment to be in field of computer science (IBM 1620 available). An **ASSISTANT PROFESSOR OF PHYSICS**, Specialization in solid state or theoretical physics preferred but others considered.

POSITIONS OPEN

Biochemist, Ph.D.—Lipid metabolism research; experience with radioactivity analysis desirable. Submit resume to: Employment Section New York University Medical Center, 568 First Avenue, New York, New York 10016

Laboratory Supervisor, 275-bed hospital. Must be ASCP registered with B.S. or Masters degree. Several years diversified experience in medical technology required. Excellent salary. Call or send resume to—

Personnel Office
The Staten Island Hospital
101 Castleton Ave., S.I., 1, N.Y.

PHYSIOLOGIST

Experimental program in NO₂ gas-induced emphysema has created a need for a Ph.D. or M.D. respiratory physiologist. Experience in measuring parameters of respiratory functions required and a knowledge of cardio-vascular techniques desirable. Please send resume to Box 553, SCIENCE.

MICROBIOLOGIST

General hospital (325 beds) in midwestern city with a large departmentalized laboratory has an opportunity for an experienced clinical microbiologist. The present staff of three full-time pathologists and 63 staff employees (46 technical) is presently undergoing expansion to include a fourth pathologist and key personnel in the technical areas. The hospital and laboratory have well-developed plans for expansion.

Responsibilities will include active participation in the daily work, supervision of staff (presently three and students), development of procedures, participation in investigational studies, teaching of medical technology students (School of Medical Technology is affiliated with two colleges), and so forth.

Candidate should have an advanced degree and experience in clinical microbiology. Experience in seroimmunology would be desirable but not required.

First inquiry should contain complete resume and references, as well as salary expected. Submit reply to Box 520, SCIENCE. X

(a) **Pharmacologist**, smoking-health research projects, large mfr., S; \$10,000 to \$20,000. (b) **Biochemist**, basic research on cardiovascular drug evaluation, possible faculty appointment; large univ. hosp.; E; \$12,000. (c) **Project Manager**, R&D biomedical instruments, progressive mfr.; MidW; \$12,000 to \$15,000. (d) **Bacteriologist**, direct research and clinical testing of drug products; E; to \$15,000. Nationwide positions at B.S., M.S., Ph.D., M.D. levels; write **Woodward Med. Pers. Bureau**, 185 N. Wabash, Chicago. Professional Placement Services for 68 Years

RESEARCH PARASITOLOGIST

Master of Science with major training and interest in helminthology to search and evaluate new antiparasitic substances for veterinary application. A fine opportunity to work for a progressive, well established midwestern company having excellent research facilities.

Send resume to **Personnel Manager, Dr. Salsbury's Laboratories**, Charles City, Iowa, 50616.

Traineeships in Pharmacology. Program of course work and research leading to the Ph.D. degree is offered. Active areas of research include circulatory, neuromuscular, CNS and muscle pharmacology. Animal stipend (US citizens): \$2400.00 to start, plus full tuition and allowances for dependents. For further information write to: **Chairman, Department of Pharmacology, Albany Medical College, Albany, New York, 12208.**

VIROLOGIST—IMMUNOLOGIST

Ph.D. or M.S. experienced in tissue culture to conduct research on murine leukemia. Although the project is already established, opportunity exists for independent research. Please send resume to **Box 554, SCIENCE.**

POSITIONS OPEN

Positions Available with Growing Pharmaceutical Company

ANALYTICAL CHEMIST

with M.S. or B.S. degree with experience in antibiotic and/or steroid analysis. Salary commensurate with experience and education. For analytical control and to assist in the development of new pharmaceutical products.

BACTERIOLOGIST

with B.S. degree with at least 1 year of experience in control bacteriology. Send resume or request for further information to **Box 522, SCIENCE.** 11/27

SETON HALL UNIVERSITY South Orange, New Jersey Department of Biology

Applications are invited for three positions in the Department of Biology; Ph.D. in genetics, Ph.D. in cytology, and an M.S. with a strong background in botany and zoology. The first two positions involve research and teaching on the graduate and undergraduate level. The third position is strictly a teaching one. The appointments will be made at a rank and salary according to qualifications, and will become effective September 1965. Apply to Head of the Department of Biology at the above address.

NEUROTECHNOLOGIST. PERMANENT POSITION FOR A NEW TWO-YEAR MEDICAL SCHOOL. MUST HAVE EXPERIENCE IN THIS FIELD. APPLY PERSONNEL CENTER, MICHIGAN STATE UNIVERSITY, 257 WEST MICHIGAN AVENUE, EAST LANSING, MICHIGAN

PATENT CHEMIST

Ph.D. or equivalent needed to work in association with laboratory staff in development of patentable ideas, acting as liaison between scientific and legal groups.

Applicant should be imaginative idea man preferably under 40, with background in industrial organic chemical research.

Ability to communicate effectively and work smoothly with people is important.

Reply with complete resume to:

R. A. Hill, Personnel Manager
Research Division

PARKE, DAVIS & COMPANY

2800 Plymouth Road, Ann Arbor, Michigan

an equal opportunity employer

FELLOWSHIPS

PREDOCTORAL FELLOWSHIPS IN PHYSIOLOGY OR IN PHARMACOLOGY. Graduate training leading to the Ph.D. with special orientation in comparative, cardiovascular, temperature regulation, bio-medical instrumentation and neurophysiology, or in neuro- and psycho-pharmacology and in biochemical approaches to cancer chemotherapy. Emphasis upon preparation for academic careers combining teaching and research. Attractive stipends with tuition and dependency allowance available to qualified undergraduates in engineering, biology, chemistry, mathematics or physics. A maximum of four new students accepted by each department every year, maintaining a low student-advisor ratio. Detailed information from: **DEPARTMENT OF PHYSIOLOGY or DEPARTMENT OF PHARMACOLOGY, LOYOLA UNIVERSITY, CHICAGO, ILLINOIS, 60612.**

The Market Place

DISPLAY: Insertions must be at least 1 inch in depth. Weekly invoices will be sent on a charge account basis—provided that satisfactory credit is established.

Single insertion	\$65 per inch
4 times in 1 year	60 per inch
13 times in 1 year	50 per inch
26 times in 1 year	50 per inch

PROOFS: If copy is to be set, and proofs submitted for approval, complete copy and cuts must be received 4 weeks in advance of issue date (Friday of each week); complete plates no later than 3 weeks in advance of issue date.

• HYPOPHYSECTOMIZED RATS

Shipped to all points via Air Express
For further information write

HORMONE ASSAY LABORATORIES, Inc.
8159 South Spaulding Ave., Chicago 29, Ill.

WRITERS

N. Y. publisher wants books on all subjects, fiction, nonfiction. No fee for professional opinion. FREE: Brochures that show how your book can be published, publicized, sold; tips and article reprints on writing, publishing, contracts. Write Dept. 73K

EXPOSITION 386 Park Ave. So., N.Y. 16

What need have you of superconducting magnets? Need to split an energy level? Maybe grow some "bugs" in a homogeneous or inhomogeneous magnetic environment? Fields of 30-60 kilogauss and up are economically attainable. Special purpose dewars, too, for variable temperature access or with windows for optical or gamma ray (Mössbauer) experiments. Let us quote on your requirements. **Austin Science Associates, Inc. P.O. Box 7728 University Station, Austin, Texas 78712.**

NYLON CAGE SIGNS

EASY TO INSTALL—WON'T RUST OR SHATTER

Removable cards show special instructions—group numbers—type of feeding or care required

COLOR SELECTION FOR EASY IDENTIFICATION

Write for your free

LINE-O-VISION™
sign

HOLLISTER
INCORPORATED
835 N. Orleans St., Chicago 10, Ill.

Volk NEW CATALOGS NOW AVAILABLE
COVERING THE COMPLETE LINE
OF
Labeled Compounds for Research

PLEASE SEND PRODUCTS & SERVICES FILE
CONTAINING TRITIUM AND CARBON-14, RADIO-
CHEMICALS, AND STABLE ISOTOPES CATALOGS.

NAME _____
COMPANY _____
ADDRESS _____
CITY & STATE _____

VOLK RADIOCHEMICAL CO.
8260 N. ELWOOD AVE. SKOKIE, ILLINOIS

Time proven Standard...



HARVARD TRIP BALANCES

Capacity 2 Kilograms

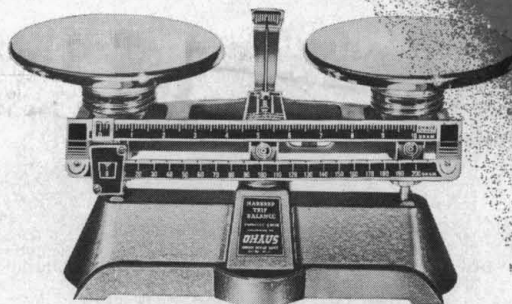
Sensitivity 0.1 gram

Surely no other product for use in your laboratory today incorporates as great a reliability factor as the OHAUS Harvard Trip Balance.

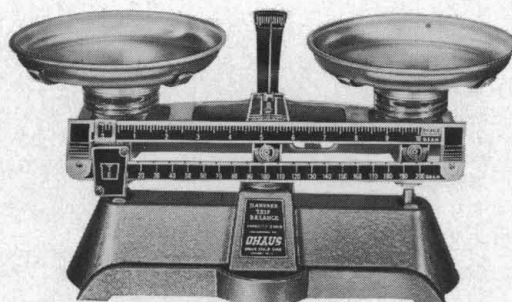
Among the other fine OHAUS features is the . . . UNDIVIDED TARE BEAM and POISE which makes possible direct reading of the net value thereby greatly increasing the utility of these fine balances.



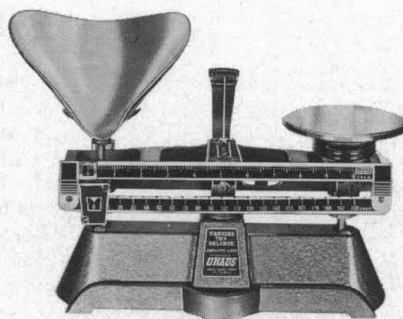
MODEL 1560 S
DOUBLE BEAM
BALANCES with
UNDIVIDED TARE
List Price \$28.00
Price



MODEL 1550-S DOUBLE BEAM BALANCE
with 6" Dia. STAINLESS STEEL or WHITE
PORCELAIN PLATE List Price \$24.00

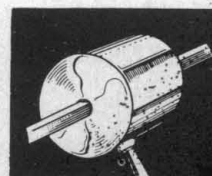


MODEL 1510 DOUBLE BEAM BALANCE with
6" Dia. x 3/4" Deep REMOVABLE MATCHED
STAINLESS STEEL PANS List Price \$27.50



MODEL 1520 DOUBLE BEAM BALANCE with
12" x 6" x 2 3/4" Deep REMOVABLE BRASS
SCOOP and STAINLESS STEEL PLATE List Price \$29.50

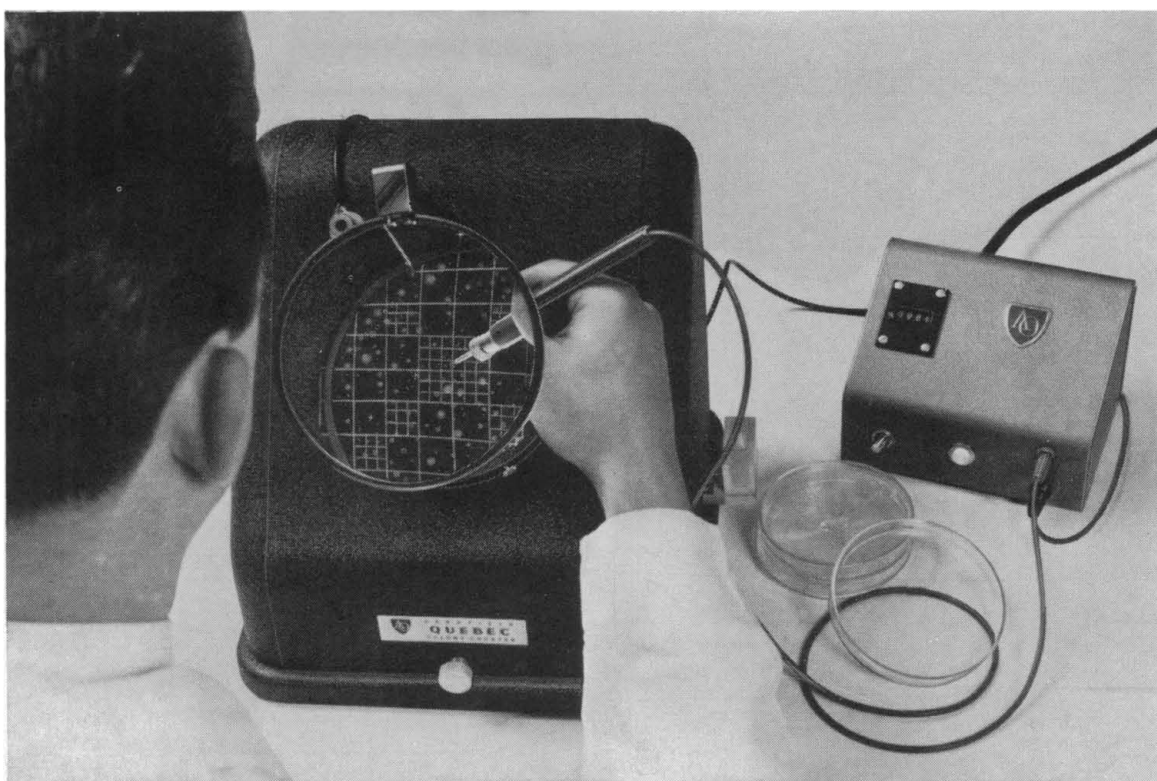
read values
DIRECT



CONVENIENT
UNDIVIDED
TARE . . .

makes possible direct reading of net values of materials weighed in containers. The handle extending under the beams makes movement of spring action tare poise very easy. Tare Capacity 160 Grams.

OHAUS SCALE CORPORATION, 1050 COMMERCE AVENUE, UNION, NEW JERSEY
Dept. KF



NEW! AO Electronic Register for fast, accurate recording of colony counts

The new AO Spencer Electronic Register can be used with your AO Quebec[®] Colony Counter (or other counters) to provide precise recording of bacteria counts. The count is instantly recorded on the register upon contact of the probe with the media. It's fast...up to 12 counts per second without jitter or sputtering. It's transistorized...requires no warmup time.

An optionally available marking pen can be used instead of the probe when it's desirable to make counts from a

closed petri plate or dish. The pen is used to mark the location of each counted colony on a permeable membrane applied to the bottom of the plate. Each mark on the membrane is automatically recorded on the Electronic Register. Difficult-to-remove grease pencil marks are eliminated. Replacement pen cartridges are commercially available in various colors to permit differential counts.

Ask your AO Dealer about the new AO Electronic Register, or write:

®Registered Trademark American Optical Co.



AMERICAN OPTICAL COMPANY
INSTRUMENT DIVISION • BUFFALO, NEW YORK 14215

Dept. K3 — Gentlemen: Please send information on the AO Electronic Register.

Name _____

Address _____

City _____

State _____

Zip Code _____

IN CANADA write — P.O. Box 130, Postal Station R, Toronto 17, Ontario