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REVCO ULT cabinets are in use in all leading medical schools and universities, research centers and industrial complexes. Precision accuracy control. Low amperage draw. Chest models from 1½ cu. ft. to 24 cu. ft. — Uprights 10 cu. ft. Compact 24" refrigerators and freezers also available. Let us recommend specific ULT equipment for you. Write for FREE Fact File to:

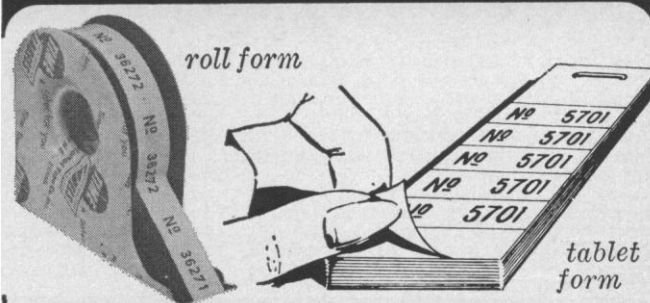
REVCO, INC.
Scientific & Industrial Division
1100 Memorial Dr.
West Columbia, South Carolina 29169

REVCO

LEADER IN ULTRA-LOW TEMPERATURE SINCE 1938

Circle No. 104 on Readers' Service Card on page 110A

TIME CONSECUTIVE NUMBER LABELS



self-sticking numbers for use on test tubes, requisition forms, specimen containers.

Available in roll or tablet form, Time Consecutive Number Labels stick to any surface in temperatures ranging from -70°F to $+250^{\circ}\text{F}$. Numbers can be repeated from 1 to 8 times in roll form, up to 10 times in tablet form. Supplied with standard "No." prefix or your choice of 5 special prefixes. Write for free literature and order instructions.



All Time Tape products are Bacteriostatic for your Safety

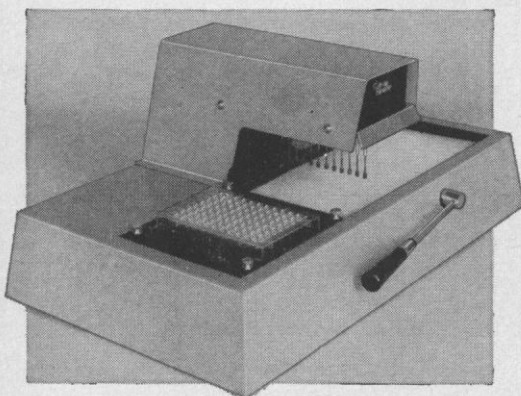
AVAILABLE THROUGH LABORATORY
AND HOSPITAL DEALERS

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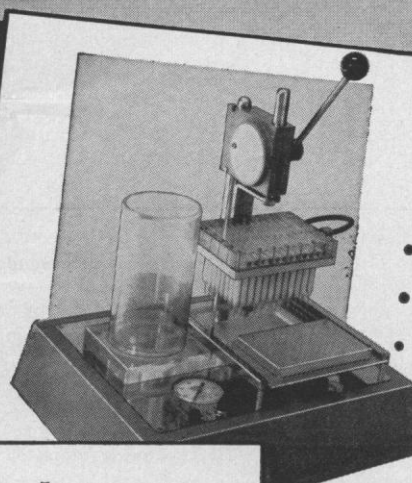
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NEW FOR THE MICROTITER[®] SYSTEM

AUTOMATIC DILUTER



- A trainee can perform 8 or 12-step serial dilutions *automatically*.
- Uses permanent or disposable Microtiter[®] plates.
- Interchangeable 25 or 50 microliter diluters.
- Significant reduction in test time with *improved* reproducibility.
- $\pm 2\%$ accuracy.
- Fixed consistent speed eliminates dilution variations.



96-CHANNEL AUTOMATIC PIPETTER

- The 96-channel Automatic Pipetter delivers (in multiples of 25 microliters) to each of the 96 wells of either permanent or disposable Microtiter[®] plates *simultaneously*.
- Droppers are set in any pattern or combination.
- Easily operated by trainee with up to two-thirds time saving.
- Flexibility of use insures optimum utility.
- Accuracy of $\pm 2\%$ with simple four-step routine.
- Automatic-stirring accessory available for blood-cell applications.

WRITE OR CALL FOR INFORMATION:

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ENGINEERING COMPANY
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IF YOU WISH TO CONTACT YOUR NEARBY DISTRIBUTOR:
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Flow Laboratories Inc. • Rockville, Md. 20853 • 301/427-3900
Microbiological Associates • Bethesda, Md. 20014 • 301/654-3400
Scientific Products • Evanston, Ill. 60601 • 312/869-0900

New 2 Kg optical projection balance ...0.1g accuracy, fast, rugged

New Torbal PL-12 top loader (2000g capacity, tare to capacity plus 325g, 0.1g accuracy) provides optical projection readout... fast, easy-to-read, foolproof weighing.

Easy reading of optical projection with high-quality optics, coated first-surface mirrors, high illumination.

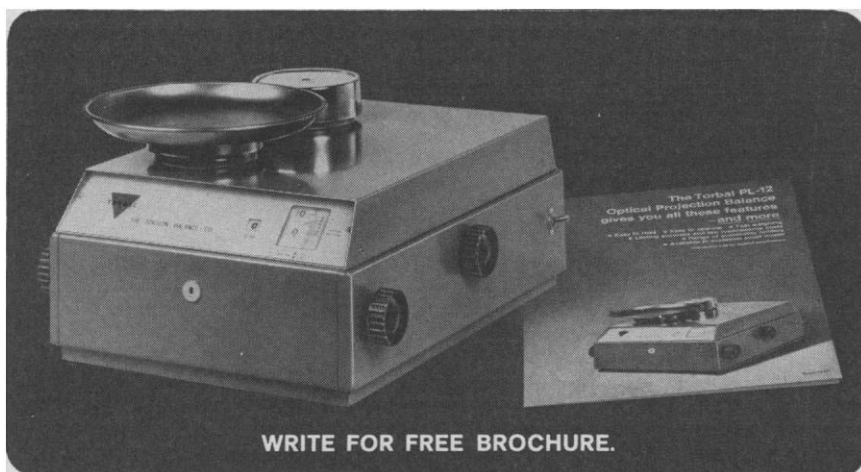
Easy-to-operate internal weight handling to achieve weighing by substitution with 100 gram increments to 1 kilogram.

Long-lasting accuracy—rugged, thanks to superior friction-free torsion-band weighing

mechanism; no knife edges to dull or chip.

Fast weighing—with no friction to overcome or to build up over the life of the balance, dash pot can be adjusted to attain rest point immediately without undue oscillation.

As is typical in Torbal optical balances, minor changes in level do not change the zero point. Long-lasting accuracy of the Torsion construction has been proved by continuous weighings (over 1,750,000 operations) 24 hours a day for 6 months. Also available in an explosion proof model.



THE TORSION BALANCE CO. Dept. S Main Office and Factory: Clifton, N. J.; Sales Offices: Birmingham, Ala.; Chicago, Ill.; San Mateo, Cal.; Pittsburgh, Pa.; Plants and Offices in Montreal, Quebec; London, England and Waterford, Ireland

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chemist

Technical Services Radiochemicals

We are seeking a qualified individual with a strong chemistry background and experience in biological research. This position provides a rare combination that involves direct customer contact as well as challenging technical problem solving. Primary responsibilities include dealing with technical inquiries from medical and life science researchers concerning radiochemicals and radiopharmaceuticals.

The individual we seek should have two to three years experience in the use of radioactive materials in biological research. The ideal candidate would have exposure in biochemistry and radiochemistry. A B.S. degree is required, an M.S. is preferred.

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For further information, candidates should direct their inquiry and resume in confidence to:

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You will work as an essential member of a multidisciplinary research team providing information support with the aid of capable junior literature scientists. However, you will also be expected to generate new research ideas and prepare proposals for new research programs.

These positions offer an unusual opportunity to participate actively in a broad scope of basic research projects, attend scientific meetings and develop professional contacts. Salaries and benefits are excellent. Reply in confidence to Dr. R. W. Kinney, Director of Scientific Employment,

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1516 Spring Garden Street
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A new position is open for a doctorate level immunological scientist to participate in a long-range research program on respiratory disease.

The successful candidate will become an essential member of an existing multidisciplinary team and will apply immunochemical methodologies to basic research on respiratory mucus synthesis and secretion. In addition the position offers the opportunity to develop a research program on immediate-type allergic respiratory disease.

The individual we are seeking is basically a biological scientist with specialized training and research experience in immunology and a fundamental background in chemistry. He should be proficient in immunochemical techniques, be thoroughly familiar with immediate-type hypersensitivity phenomena, and have a working knowledge of biological assay procedures. Experience in respiratory physiology would be highly desirable.

Scientists are invited to submit their credentials in confidence to Dr. R. W. Kinney, Director of Scientific Employment

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Personnel Placement

RATE CHANGE Effective 1 Jan. 1969

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COPY for ads must reach SCIENCE 4 weeks before issue date (Friday of every week). Send copy for Personnel Placement advertising to:

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Washington, D.C. 20005

Replies to blind ads should be addressed as follows:

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Washington, D.C. 20005

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Pharmacologist, Ph.D., 1969. Academic or industrial position. Broad predoctoral industrial experience. Box 293, SCIENCE. X

11 JULY 1969

POSITIONS WANTED

Clinical Biochemist, Ph.D. Experience in college teaching, industry, research, and hospital clinical chemistry. Prefers position in medical center or institution. Box 292, SCIENCE. X

Developmental Biologist with teaching experience in animal microanatomy and related areas desires teaching position with opportunities for continuing research. Box 273, SCIENCE. X

Oceanographer-Geophysicist. Outstanding lecturer and research scientist. Five years' experience in military oceanography, teaching experience in graduate oceanography and undergraduate geology. Operations analysis experience and environmental pollution training. Publications. Northeastern or midwest United States preferred. Jerome B. Carr, 29 Norbrick Drive, Albany, N.Y. 12205. Phone 518 459-4932. X

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Box 290, SCIENCE

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Preference will be given to individuals with a following among scientific personnel in the above industries. Please reply, stating qualifications and geographic area covered, to Box 291, SCIENCE.

UNIVERSITY OF NEW SOUTH WALES, AUSTRALIA LECTURERS/SENIOR LECTURERS PHYSIOLOGY and/or PHARMACOLOGY

Salary: \$A5400 range \$A7300 per annum (lecturer), \$A7600 range \$A8750 per annum (senior lecturer). Commencing salary according to qualifications and experience.

Applications will be welcomed from persons qualified in medicine, science or veterinary science. For one position preference will be given to medically qualified applicants or applicants with research experience in human or vascular physiology or pharmacology. Successful applicants are expected to enter on duty before 1st March 1970. For details regarding research and teaching contact Professor W. E. Glover.

For application form and details of appointment contact Appointments Office, P.O. Box 1, Kensington 2033, N.S.W. Applications close 28th July, 1969.

POSITIONS OPEN

The Department of Biochemistry will shortly proceed to the appointment of a **PHYSICAL BIOCHEMIST** as a faculty member at the assistant, associate, or full professorial level. The principal teaching duties will be to graduate students enrolled in the **Molecular Enzymology** program. Preference will be given to candidates with research interests in the fields of kinetics or hydrodynamics. Applications or nominations should be sent to the **Chairman, Professor W. J. Whelan, Department of Biochemistry, University of Miami School of Medicine, P.O. Box 875, Biscayne Annex, Miami, Florida 33152**, from whom further particulars may be obtained.

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The University invites applications for a Research Fellow in the field of wheat genetics and breeding. The appointee will be stationed principally at the Queensland Wheat Research Institute at Toowoomba, 80 miles from Brisbane. Applicants should have a Ph.D. (or equivalent research experience) and experience with wheat breeding, although consideration may be given to applicants with experience in other crops. The appointee will have the opportunity and responsibility of developing a wheat breeding programme. Good facilities will be available. He will also have the opportunity of supervising postgraduate students and of participating in the plant breeding training programme of the Department of Agriculture of the University.

The salary range for a Research Fellow in \$A5400-4x250, 3x300, 1x200, 5x250-\$A8750. Starting salary will be commensurate with qualifications.

The appointment will be, in the first instance, until 30th June, 1974, and may be subject to renewal. Additional information and application forms will be supplied upon request to the Registrar, University of Queensland, St. Lucia, Brisbane, Queensland, 4067. **Applications close on 2nd August.**

C. J. CONNELL, Registrar.



FACULTY OF SCIENCE University of Nijmegen (Netherlands)

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The position to be filled is a unique opportunity for a young scientist to conduct his own research program. Possibilities for teaching are also available.

Letters of application, including a curriculum vitae and a list of publications should be sent to the Director of the Faculty of Science, Driehuizerweg 200, Nijmegen, The Netherlands.

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Our laboratories are located in an attractive suburban area of New Jersey near Princeton. Benefits include 100% tuition refund and Johnson & Johnson stock purchase plan.

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The WHO Immunology Research and Training Centre, Lausanne, Switzerland, has a vacancy for a long-term Senior Fellow in Immunology. The Fellow will be concerned with the inauguration and development of the research and teaching of the WHO Centre on the cell-mediated response. The research will be on basic mechanisms of cell-mediated immunity with special reference to the study of the immune response in leishmaniasis. The work will be carried out in collaboration with Professor K. T. Brunner of the Swiss Institute for Experimental Cancer Research, and a parasitologist will also be engaged on the project. There may also be facilities for study of clinical aspects of leishmaniasis in man. Immunologists with research experience, preferably in some aspects of cell-mediated immunity, should apply sending curriculum vitae and list of publications to

Dr. D. S. Rowe, Director, WHO Research and Training Centre for Immunology, 21 rue du Bugnon, 1005 Lausanne, Switzerland

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