measurement is accurate within ±1°F to 100°F. The humidity-sensing element is an animal-membrane diaphragm; temperature is sensed by a bimetal cantilever. The chart is driven by a spring-wound clock (Serdex, Inc., Dept. 26).

Electrostatic generator of Van de Graaff type develops up to 250,000 v at a maximum current of 8 to 15 ma. The generator is self-excited and is powered by a 110-v induction motor. Accessories to be available in the future include an accelerator tube, discharge spheres, and a voltmeter. Overall size is 29 in. (American Electrostatic Co., Dept. 35)

Frequency calibrator, for the UHF-VHF range, supplies a series of simultaneous, uninterupted, continuous-wave marker signals spaced every 50 Mcy/sec or 100 Mcy/sec over a frequency range 50 to 11,000 Mcy/sec. Accuracy is ±0.005 percent at all frequencies; it is not affected by temperature or variations of input power. The calibrator is designed to be used with circuits having 50-ohm input impedance and d-c return. (Control Electronics Co., Inc., Dept 34)

Environmental test chamber has control accuracy of ±0.5°C over the range -70°C to +200°C. Stabilization of temperature at 150°C is achieved within 10 min when the trays have been exchanged. The temperature gradient across the trays is within ±1°C. (Statham Development Corp., Dept. 33)

Thermocouple is leak-proof at pressures up to 80,000 lb./in.² and operates at temperatures up to 100°F. The plug and sheath of the thermocouple tip are made of stainless steel. Couples are welded and milled. (Con-stantal or Chromel-Alumel. (American Instrument Co., Inc. Dept. 46)

Joshua Stern
National Bureau of Standards

PERSONNEL PLACEMENT

CLASSIFIED: 25¢ per word, minimum charge $2.50. Use of Box Number counts as 10 additional words. Payable in advance. PREPAID only.

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Advertisements should be addressed as follows:
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POsITIONS OPEN

(a) Chemist; experienced hospital chemistry to head department in general hospital and midwestern college city. (b) Chemists: B.S., M.S., experienced, for research appointments in pediatrics, biochemistry laboratory of midwestern college city. (c) Bacteriologist: M.S. for newly created post, central laboratory operated by two pathologists and chief faculty member. Salary is $6,000 to $6,000; resort community 30,000, Midwest. (d) Pharmacologists: B.D. or M.D. with extensive small animal experience to head well-equipped animal laboratories; stable ethical consultants furnished and $6,000 bonus to successful graduate within first year. (e) Senior Research Biophysiologist; B.D. trained or teacher's laboratory experience. Must be interested in drug metabolism, planning drug distribution in experiment animals; house at East. (f) Woodward Medical Bureau, Ann Woodward, Director, 185 North Wabash, Chicago.

(DIRECTOR OF RESEARCH: A moderate-sized, national, ethical pharmaceutical company has an unusual opportunity for an outstanding man. Ph.D. degree required. Experience in research of pharmaceutical, industrial, diversified scope, capable of directing various phases of research; teaching and experimenting; reorganization of department and organization of departments of institutions employing several associates; ideal working conditions in community of medium-sized city. Will be member of top-management team. Officership summary interview will be held in strictest confidence. Write Box 121, SCIENCE.)

PROFESSORS: Physical, Chemical, and Biological research and teaching positions. Applicants are invited to submit applications to the University's Department of Physiology, Medical School, 367 Biological Research Building, University of Wisconsin, Madison, Wisconsin. Salary range: $15,000-$20,000.

Applications are invited for a Senior Lectureship in the Department of Chemistry. The position is for a term of 4 years, renewable, with an appointment date of July 1. Salary $8,500.

Applications for a position as Secretary, Associate of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 are invited.

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The closing date for the receipt of applications, in Australia and London, is 30 June 1958.

UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG

Applications are invited for appointment to a post of Senior Lecturer in the field of pathology at the University of the Witwatersrand. The salary scale attached to the post of Senior Lecturer is £1,200 per annum. Applications are invited for a position of senior research assistant. The salary scale attached to this post is £900 per annum. The closing date for the receipt of applications is 31 July 1958.