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Science

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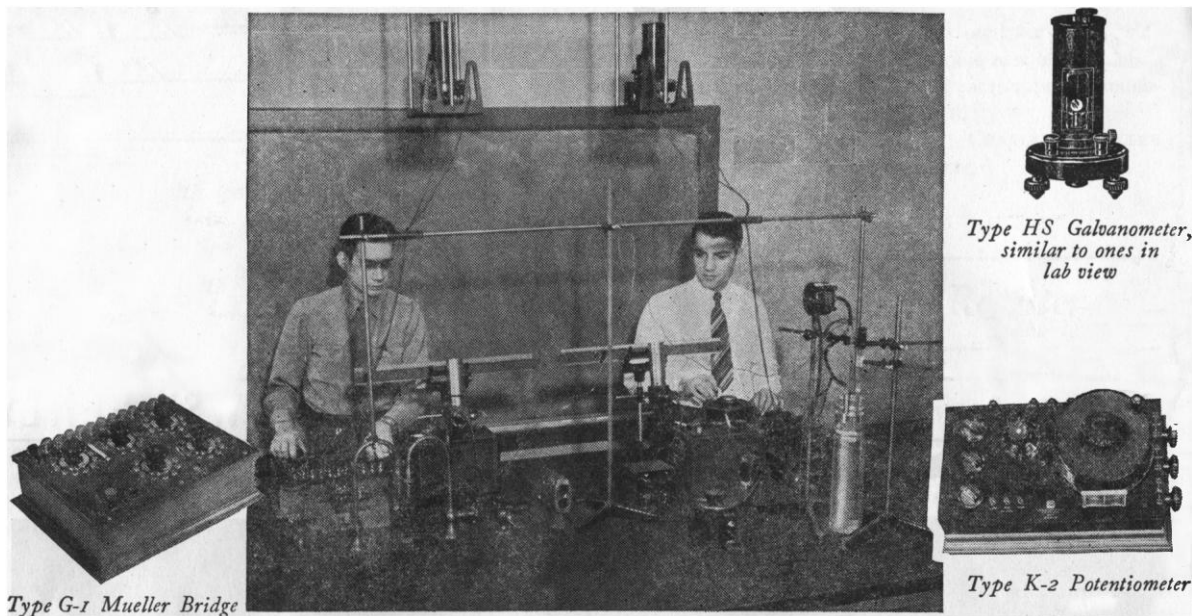


The winners of the \$2,400 Westinghouse scholarships in the 6th Annual Science Talent Search at an awards banquet at the Hotel Statler, Washington, on March 4: Martin Karplus, Newtonville, Massachusetts, who plans to enter Harvard as a premedical student this fall, and Vera Radioslava Demerec, Cold Spring Harbor, New York, who plans to enter Swarthmore. Pictured with the winners are Harlow Shapley, president of AAAS and chairman of the Board of Trustees, Science Service; Vannevar Bush, who delivered a congratulatory address at the banquet; and Watson Davis, director of Science Service, who acted as toastmaster.

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Medicine and National Health in the USSR

Stuart Mudd



Type G-1 Mueller Bridge

Type HS Galvanometer,
similar to ones in
lab view

Type K-2 Potentiometer

L&N instruments facilitate thermocouple calibration by research chemists of an educational institution.

MUELLER BRIDGE AND K-2 POTENTIOMETER TEAM UP FOR CALIBRATING THERMOCOUPLES

The instruments shown here are excellent tools for calibration of thermocouples, when the measurement is made by comparison with thermometers rather than by measurements of known boiling and freezing points.

The couple to be calibrated is exposed to temperature simultaneously with a certified L&N electrical resistance thermometer. The couple's emf is measured with a Type K-2 Potentiometer; the thermometer's resistance, with a Type G-1 Mueller Bridge. From the calibration data of the thermometer, the couple's emf-temperature relation is determined.

The two instruments make an excellent team. The G-1 Mueller Bridge is uncomplicated and easy to handle. Its accuracy is good for this service: limit of error, $\pm 0.02\%$ or ± 0.0001 ohm, whichever is larger. The Type K-2 Potentiometer is rapid and easy to read. Of its three ranges, the lowest (0-16 mv.) is especially suited to thermocouple work, and has a limit of error of only ± 0.1 to 0.015% .

The G-1 Mueller Bridge is completely described in Catalog E-33C(1); the Type K-2 Potentiometer, in Catalog E-50B(3).

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--- is a major factor in the
success of these two well-
known bacteriology texts

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Currently important material has been well handled in this Fourteenth Edition and includes such subjects as bacteriological diagnosis, medical mycology, iso-antigens and antibodies. 242 valuable illustrations will be found here, and most of them are new for this edition. In short, this is a textbook of bacteriology which serves in a fashion that is practical and useful to the fullest degree.

By EDWIN O. JORDAN, PH.D., Late Andrew McLeish Distinguished Service Professor of Bacteriology, University of Chicago; and WILLIAM BURROWS, PH.D., Associate Professor of Bacteriology, University of Chicago. 909 pages, 6" x 9", 242 illustrations. \$7.00

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By JOSEPH E. GREAVES, M.S., PH.D., Professor of Bacteriology, Utah State Agricultural College; and ETHELYN O. GREAVES, M.S., PH.D., Professor of Nutrition and Dean of the School of Home Economics, Utah State Agricultural College. 613 pages, 5½" x 7½", with 169 illustrations. \$4.00

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