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CONTROL INSTRUMENT DIVISION

NEW!

MODEL 10 Feedback-Controlled Infrared Radiation Source



Designed for use as:

- A secondary standard of absolute radiant power by calibration against a primary blackbody standard;
- A stable high intensity source of infrared energy for absorption measurements.

FEATURES

- Radiation will stay within 0.1% of the initial setting for a minimum of 200 hours.
- Radiation will return to within 0.1% of the initial setting after unit is turned off and on (with controls locked).
- Radiating element in water-cooled housing may be remotely located from controller. Thermal overload switch protects unit if water flow is interrupted.
- Controls can be set to obtain temperatures between 1000°C and 1225°C.
- Fast warmup and response to change in temperature settings.

Gentlemen:

Please send me more information on the Model 10 and other Warner & Swasey spectrometric instruments for the study of kinetic phenomena.

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repositories, the History of Physics Archives and Niels Bohr Library of the History of Physics, were established. Since July 1965 these programs have been merged into the AIP Center for the History and Philosophy of Physics.

Visiting Scientists

At the height of an active season, AIP-AAPT Visiting Scientists Program head W. W. Watson reports a record number of 250 visits planned for this academic year and also a new program to provide advice to colleges on a continuing basis.

During 1965-66 some 164 physicists will disseminate information on new developments in physics research and teaching to approximately 25 000 students and teachers. Increasingly, physicists and advanced students from other colleges in an area are being invited to attend lectures by a visiting scientist. Foreign physicists already resident in the US are making about ten of the current visits.

The new pilot program of consulting on a continuing basis follows a recommendation of the Committee on Physics Faculties in Colleges (COPFIC). In its report, the Committee had urged that a program be set up to provide college physics departments with the repeated advice of an expert consultant. This year 18 advisors have visited and corresponded with an equal number of institutions several times to discuss such matters as new curricula, ways to enlarge and improve staff and preparation of grant proposals.

Applications for the 1966-67 Visiting Scientists Program will be mailed to all colleges in June, and Watson requests a prompt return to ensure the likelihood of acceptance for a visit.

AIP Journal Project

During the last three years, popularizations of 94 articles culled from 15 AIP and member-society journals have informed millions of readers in America and Europe about the latest physics discoveries. These popularizations were prepared by the continuing AIP Journal Project for Science Writers, now directed by Barry Richman of the public relations department. Under

the program, an advisory panel helps select articles, and the article author assists with the popular treatment. When popular versions are completed, AIP sends them to some 700 science writers and editors in this country and abroad. Besides major news media and wire services in the US, such publications as *Die Zeit* of Hamburg and Britain's *The New Scientist* have used AIP physics popularizations.

AIP-society relations

The institute recently formed a Policy Committee on AIP-Society Relations, headed by AIP governing-board chairman Ralph A. Sawyer and composed of the seven member-society presidents. Among its functions, the group is expected to discuss and make recommendations on respective responsibilities of the institute and member societies for maintaining and initiating programs of mutual interest.

Study of nonscience majors

Detailed information on more than 6000 students is provided in *High School and College Sciences Studied by Non-science Majors*. Prepared by the AIP project for the analysis of educational manpower data in physics, headed by Mrs. Susanne Ellis, the report gives data on the required science course for each major, number of students taking science courses for each major and number of students taking science courses beyond those required for a bachelor's degree. Copies of this study can be obtained from Mrs. Ellis.

Summer jobs

The AIP placement service, headed by Mrs. Margot Breslaw, has issued two publications pertaining to summer employment. *Summer Employment Opportunities for College Physics Students and Teachers* or *High School Science Teachers* is a listing of organizations that will welcome inquiries for summer jobs during 1966. *Faculty Register for Summer Employment* contains professional resumes of academic physicists interested in summer employment. Both of these publications are available from Mrs. Breslaw. □