

At Veeco we often do things the hard way...

**SENSITIVITY 10^{-13}
OR BETTER FOR N_2**



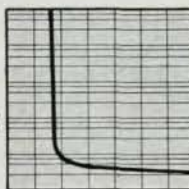
We run actual scans on all our GA-4 Residual Gas Analyzers before shipment to assure sensitivity of better than 1×10^{-13} for N_2 ; unit resolution at mass 75 (measured the HARD way — 1% peak heights!).

**10^{-10} STD. CC.
(10^{-14} for MSU-15)**



We demand that each MS-9 Leak Test Station be tested for 8 performance specs, including sensitivity of 10^{-10} std. cc/sec. at full pumping speed (again, the HARD way!). The MSU-15 is tested to 10^{-14} .

**15 MINUTE
PUMP-DOWN TO
LESS THAN 5×10^{-7}**



Every one of our Series 775 pump stations and evaporators meets Production Department specs before shipment. Each system must, in under 15 minutes, pump down to 5×10^{-7} in the bell jar. (Production wishes we'd let them measure pressure someplace nearer the pump — the EASY way!)

**EVERY COMPONENT
LEAK-CHECKED**



Not only systems, but every component and sub-assembly is proved leak-free by a Veeco MS-9 Leak Test Station before it's allowed to go to you. (HARD on our production schedules, but much easier on yours.)

**DEPENDABILITY
BEFORE AND AFTER
THE SALE**



Whether you work in Florida, Seattle, Paris or Tokyo, trained VEECO FIELD ENGINEERS are available to install equipment and to provide service at any time after installation. (It's a hard and fast Veeco policy to stay with our equipment all the years you will use it.)

We will continue to do things the hard way because we know there can be no easy way to produce high vacuum equipment that performs in the manner you have a right to expect. Write for our catalog.



INSTRUMENTS INC.

® Quality Vacuum Products For Two Decades

TERMINAL DRIVE, PLAINVIEW, N. Y. Phone 516-681-8300 Cable VEECOVAC, N. Y.

will not be treated. Preliminary abstracts (about 250 words including titles), and an estimate of presentation time, are due by September 30. The authors of accepted papers will be notified by November 15 and final abstracts are due by January 15, 1966.

The seventh general assembly of the International Commission on Optics of the International Union of Pure and Applied Physics will take place during the congress. The agenda and schedule for the assembly will subsequently be communicated to the adherent national committees.

All correspondence should be addressed to the Congress Secretariat, CIO 7, Institut d'Optique, 3 Boulevard Pasteur, Paris 15, France.

Biophysics

The International Organization for Pure and Applied Biophysics will hold its second international congress in Vienna from September 5 to 9, 1966.

General sessions of invited papers will be devoted to energy transfer and conversion, molecular aspects of differentiation, and to emerging developments in biophysics. Special symposia are being arranged by IOPAB Commissions on Molecular Biophysics, Cell and Membrane Biophysics, Communication and Control Processes, and Radiation Biophysics; by the Organization's Committee on Education; and by affiliated commissions. There will also be contributed papers on all areas of biophysics (abstracts are due May 15).

Inquiries with regard to the scientific program should be sent to Mrs. E. Weidenhaus, Viennese Medical Academy, Alserstrasse 4, Vienna IX; those regarding commercial exhibits should go to F. Scherbetz, Kinderspitalgasse 4, Vienna IX. Arrangements for travel, housing, and entertainment are being handled by the travel service of the Viennese Medical Academy.

The National Academy of Sciences is attempting to secure funds for partial travel expenses for US participants in the IOPAB congress. Applications should be made to Miss Inger Herman, NAS, 2101 Constitution Avenue, Washington, D.C. 20418.