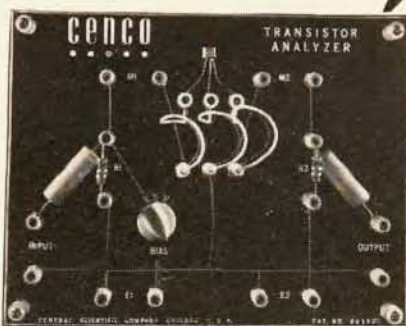


To demonstrate
transistor functions...

NEW CENCO TRANSISTOR ANALYZER

Graphically demonstrates three basic transistor configurations—common emitter, base and collector. May also be used for simple circuit experiments and plotting response curves. Utilizes any general purpose transistor. Mounted on "Lucite".

No. 80390
\$37.50



Ask for Booklet 311



CENTRAL SCIENTIFIC CO.

A Subsidiary of Cenco Instruments Corporation
1718-B Irving Park Road • Chicago 13, Illinois
Branches and Warehouses—Mountainside, N. J.
Boston • Birmingham • Santa Clara • Los Angeles • Tulsa
Houston • Toronto • Montreal • Vancouver • Ottawa

Serving education since 1889.

PHYSICISTS

We need physicists to work on space environment chamber who possess experience or interests in any of the following:

- (1) Low pressure or high vacuum instrumentation
- (2) High vacuum research work
- (3) The handling of cryogenic fluids
- (4) Dealing with the problems associated with the simulation of solar radiation
- (5) Working with advanced space propulsion systems

Send resume to:

ARO, INC.

(Contract operator for the USAF's
Arnold Engineering Development Center)

Technical Employment
Arnold Air Force Station (near
Tullahoma), Tennessee

Data Transmission

AN International Symposium on Data Transmission will be held September 19-21 at the Technische Hogeschool in Delft, Netherlands, under the sponsorship of The Benelux Section of the Institute of Radio Engineers in cooperation with Het Nederlands Radio-ingenootschap, the IRE Professional Group on Communications Systems, and the Sectie voor Telecommunicatietechniek of the Koninklijk Instituut van Ingenieurs.

Subjects to be covered include choice of modulation, detection of telegraph signals, error rates over land lines and radio links, computers for data transmission networks, communication feedback techniques, and evaluation of error detection and correction procedures.

Requests for further information should be directed to the symposium secretary, B. B. Barrow, The Benelux Section, IRE, Postbus 174, The Hague, Netherlands.

Space Electronics and Telemetry

SSESSIONS on telemetry, space communications, electronic propulsion, signal conditioning, navigation of vehicles in space, effects of space environment on men and equipment, navigation on earth by means of satellites, propagation, tracking, and guidance will be presented at the fifth national symposium of the IRE Professional Group on Space Electronics and Telemetry. The ten panel-type sessions will be held September 19-21 at the Shoreham Hotel in Washington, D. C. Papers will be prepublished in the symposium *Proceedings* and only their highlights will be presented to allow sufficient time for discussion.

A complete listing of the panelists will be published in the *IRE Proceedings* prior to the meeting, and additional details may be obtained from the Institute of Radio Engineers, 1 East 79th Street, New York 21, N. Y.

Ultrasonic Inspection

A CONFERENCE on the theory and practice of ultrasonic inspection will be held September 22-24 at the Queens Hotel, Cheltenham, England, under the joint sponsorship of The Institute of Physics' Non-Destructive Testing Group, The Society of Non-Destructive Examination, and The Non-Destructive Testing Society of Great Britain. Details can be obtained from the conference secretary, Mr. I. M. Barnes, de Havilland Propellers Ltd., Hatfield, Herts, England.

Friction

THE 1960 International Conference on the Nature of Solid Friction will be held September 26-28 at the Midwest Research Institute, Kansas City, Mo. Invited papers on the following topics will provide the framework for the conference discussion: single contacts and multiple encounters, deformation losses