

LITHIUM ION DRIFT DETECTOR



- SHALLOW DIFFUSED—virtually no window
- DEEP DEPLETION DEPTH—greater than 1.5 mm
- HIGHLY RELIABLE
- EFFICIENCY—virtually 100% for charged particles
- LOW CAPACITANCE—less than 25 picofarads
- LOW NOISE—less than 25 Kev
- AVAILABILITY—stock to 30 days

APPLICATION

■ Spectroscopy of high energy charged particles

Linear energy response

BETAS—TO 1 Mev

PROTONS—TO 16 Mev

TRITONS—TO 25 Mev

DEUTERONS—TO 21 Mev

ALPHAS—TO 65 Mev

■ Detection of—

MINIMUM IONIZING PARTICLES

GAMMA RAYS

X-RAYS

FAST NEUTRONS

For complete specifications, write to:

SOLID STATE RADIATIONS, INC.

2261 SOUTH CARMELINA AVENUE
LOS ANGELES 64, CALIFORNIA



to be dealt with include: (1) atomic frequency and time, (2) determination of conductivity and complex (tensor) electric and magnetic susceptibilities, (3) direct current and low-frequency measurements, (4) radiofrequency and microwave measurements, (5) quantum electronics in precision measurements, (6) electromagnetic measurements for space exploration, and (7) data reduction in precision measurements.

Further details can be obtained from J. F. Brockman, Boulder Laboratories, National Bureau of Standards, Boulder, Colo.

Nuclear Education

AUGUST 20, 21, and 22 have been set as the dates for a conference entitled *Progress in Nuclear Education—Science and Engineering*, to be sponsored by Oak Ridge National Laboratory, Oak Ridge Institute of Nuclear Studies, and the American Nuclear Society at Gatlinburg, Tenn. The meeting has been organized in cooperation with the Atomic Energy Commission, and will be devoted to the evaluation of the status of programs in nuclear education at the graduate and undergraduate levels and to advances in secondary-school science education. A program consisting of invited papers, panel discussions, and small group discussions is planned.

For further information, write to the University Relations Division, Oak Ridge Institute of Nuclear Studies, P.O. Box 117, Oak Ridge, Tenn.

IFIP Congress 62

TWENTY-ONE nations will be represented at the International Federation for Information Processing Congress 62, which will be held from August 27 to September 1 in Munich, Germany. Subjects to be covered include scientific information processing, storage and retrieval of information, language translation and linguistic analysis, digital communication, advanced computer techniques, business information processing, and related matters.

The congress is intended to continue the activities of the international conference on information processing which was sponsored by UNESCO in Paris in June 1959 and which led in the following year to the establishment of the International Federation. The United States will be represented at the IFIP Congress 62 by the American Federation of Information Processing Societies. The chairman of the committee for US participation is Dr. Edward L. Harder of Westinghouse Electric Corp.

Thermal Radiation

INSTRUMENTATION and techniques will be stressed in the program of a symposium on measurement of thermal radiation properties of solids, to be held at the Biltmore Hotel, Dayton, Ohio, Septem-