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Chapline, Remington Rand, Inc., 2300 W. Allegheny Ave., Philadelphia 29.)

19-23. American Inst. of Mining and Metallurgical Engineers, New York, N.Y. (E. O. Kirkendall, AIME, 29 W. 39 St., New York 18.)

19-23. Soc. of Economic Geologists, New York, N.Y. (O. N. Rove, Union Carbide and Carbon Corp., New York 17.)

20-22. American Educational Research Assoc., annual, Atlantic City, N.J. (F. W. Hubbard, AERA, 1201 16 St., NW, Washington 6.)

23-25. National Soc. of College Teachers of Education, Chicago, Ill. (C. A. Eggertsen, School of Education, Univ. of Michigan, Ann Arbor.)

24-25. American Physical Soc. Houston, Tex. (K. K. Darrow, APS, Columbia Univ., New York 27.)

26-29. American Inst. of Chemical Engineers, Los Angeles, Calif. (F. J. Van Antwerpen, AIChE, 25 W. 45 St., New York 36.)

28-29. Scintillation Counter Symposium, 5th, Washington, D.C. (G. A. Morton, RCA Laboratories, Princeton, N.J.)

March

12-16. National Assoc. of Corrosion Engineers, 12th annual, New York, N. Y. (Secretary, NACE, Southern Standard Bldg., Houston 2, Tex.)

14-17. National Science Teachers Assoc., Washington, D.C. (R. H. Carleton,

NSTA, 1201 16 St., NW, Washington 6.) 15-16. Food Physics Symposium, 1st international, San Antonio, Tex. (C. W. Smith, Southwest Research Inst., San Antonio.)

15-17. American Orthopsychiatric Assoc., 33rd annual, New York, N.Y. (M. F. Langer, AOA, 1790 Broadway, New York 19.)

15-17. American Physical Soc., Pittsburgh, Pa. (K. K. Darrow, APS, Columbia Univ., New York 27.)

15-17. Kappa Delta Pi, annual, Stillwater, Okla. (E. I. F. Williams, 238 E. Perry St., Tiffin, Ohio.)

16-18. International Assoc. for Dental Research, St. Louis, Mo. (D. Y. Burrill, 129 E. Broadway, Louisville 2, Ky.)

18-24. American Soc. of Photogrammetry, annual, joint meeting with American Cong. on Surveying and Mapping, Washington, D.C. (ACSM-ASP, Box 470, Washington 4.)

19-22. American Acad. of General Practice Scientific Assembly, 8th annual, Washington, D.C. (AAGP, Broadway at 34th, Kansas City 11, Mo.)

19-22. Inst. of Radio Engineers National Convention, New York. (E. K. Gammett, IRE, 1 E. 79 St., New York 21.)

19-23. American Soc. of Tool Engineers, Chicago, Ill. (H. C. Miller, Armour Research Foundation, 35 W. 33 St., Chicago 16.)

21-22. National Health Forum, New York, N.Y. (T. G. Klumpp, National

Health Council, 1790 Broadway, New York 19.)

21-23. American Power Conf., 18th annual, Chicago, Ill. (R. A. Budenholzer, Illinois Inst. of Technology, Chicago 16.)

21-24. American Astronomical Soc. Columbus, Ohio. (J. A. Hynek, McMillin Observatory, Ohio State Univ., Columbus 10.)

23-24. Eastern Psychological Assoc., Atlantic City, N.J. (G. G. Lane, Univ. of Delaware, Newark.)

24-25. American Psychosomatic Soc., 13th annual, Boston, Mass. (T. Lidz, APS, 551 Madison Ave., New York 22.)

24-31. Perspectives in Marine Biology, La Jolla, Calif. (A. A. Buzzati-Traverso, Scripps Institution of Oceanography, La Jolla.)

25-28. American Assoc. of Dental Schools, annual, St. Louis, Mo. (M. W. McCrea, 42 S. Greene St., Baltimore 1, Md.)

25-29. American College Personnel Assoc., Washington, D.C. (Miss C. M. Northrup, Univ. of Denver, Denver, Colo.)

28-3. Colloquium on Frontiers in Physical Optics, Boston, Mass. (S. S. Ballard, Visibility Laboratory, Scripps Institution of Oceanography, San Diego 52, Calif.)

29-31. Pennsylvania Acad. of Science, Indiana. (K. Dearolf, Public Museum and Art Gallery, Reading, Pa.)

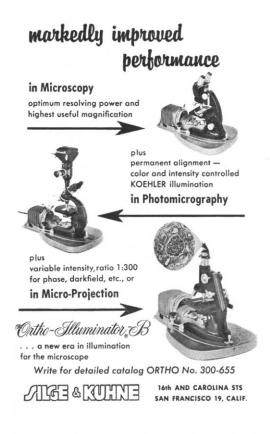
(See 16 Dec. issue for comprehensive list)

Equipment News

- MULTICHANNEL ANALYZER that uses the gated method of operation is adaptable to both coincidence and anticoincidence spectrum analysis. The instrument was developed for obtaining alpha, beta, or gamma pulse height analyses from samples with a wide range of activity levels. Sufficient stability is provided to permit 5-day runs on weak samples; short resolving times are available to permit the handling of hot samples. Resolving time for counts in the same channel is 500 usec; over-all resolving time is 10 usec. The analyzer utilizes four-digit, electrically resettable registers and scale-of-ten glow transfer tubes. The servo regulated power supply and amplifier are designed for operation with either a scintillation spectrometer or a Frisch grid chamber. Two to five discriminator chassis, each providing ten channels, can be used. (Tracerlab, Inc., Dept. Sci., 130 High St., Boston 10, Mass.)
- IONIZING UNITS in strengths of 250, 500, and 1000 µc consist of strips of polonium mounted in stainless steel housing and are designed to be used to neutralize static electricity. Size of each unit is 23/8 by 7/8 by 7/32 in. (Nuclear Products Co., Dept. Sci., 10173 E. Rush St., El Monte, Calif.)

- windowless flow counter is an internal sample counter that may be used for both Geiger and proportional counting of solid samples. A continuous flow of appropriate counting gas must be maintained through the instrument. The physical arrangement of the sample in the chamber makes it possible to achieve full 2π geometry. The instrument is designed for counting alpha particles or lowenergy betas from such isotopes as carbon-14 and sulfur-35. (Packard Instrument Co., Dept. Sci., P.O. Box 428, LaGrange, Ill.)
- X-RAY MOTION PICTURE EQUIPMENT designed by J. S. Watson and S. A. Weinberg of the University of Rochester Medical Center is being manufactured by the General Electric Co. The apparatus has been designed for use with conventional x-ray equipment; it can be used with either 16 or 35 mm film; speed range is 3¾ to 30 frames/sec. An electronic triggering mechanism synchronizes the x-rays with the camera. (General Electric Co., X-ray Department, Dept. Sci., Milwaukee, Wis.)
- MAGNETIC REFRIGERATOR that operates on the cyclic technique of magnetic cooling will maintain any temperature within the range of 1° to 0.25°K. The system consists of a paramagnetic salt and the

- reservoir to be cooled, suspended in an evacuated chamber that is immersed in a liquid helium bath. Operation is controlled entirely by external magnetic fields. (Arthur D. Little, Inc., Dept. Sci., 30 Memorial Dr., Cambridge 42, Mass.)
- ANALYZER FOR LIGHT HYDROCARBON GASES under normal temperature and pressure, the Fracton, separates, identifies, collects, and measures the components and records data. The instrument operates by the method of absorption fractionation. Operation is largely automatic. Booklet 82. (Burrell Corp., Dept. Sci., 2223 Fifth Ave., Pittsburgh 19, Pa.)
- FINENESS TESTER that operates on the air permeability method is designed for use with Portland cement, pharmaceutical powders, and other granular materials. Bulletin 233. (Precision Scientific Co., Dept. Sci., 3737 W. Cortland St., Chicago 47, Ill.)
- MILLIPORE FILTERS are described in a new edition of the Millipore catalog. Retention, flow characteristics, solubility, chemical resistance, capillarity, and other properties are presented. Various microbiological, microchemical, and microphysical applications are reported. (Millipore Filter Corp., Dept. Sci., Watertown 72, Mass.)



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