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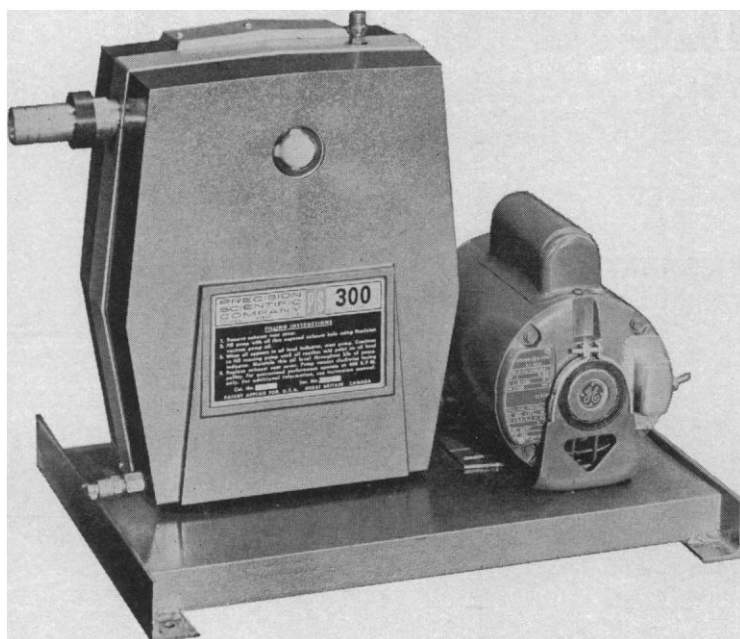
Precision vacuum pumps are unusually quiet. While pumps are sold on performance, users of Precision pumps are finding their virtually noiseless and vibrationless operation a most satisfying feature.

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viously incorrect in these cases. There are no currently available methods for determining, in the absence of a recent occlusion, whether coronary atherosclerosis and myocardial degeneration in a particular patient are cause-and-effect related. In fact, investigators are beginning to interpret the pathogenesis of all forms of cardiomyopathies as sequelae of metabolic derangements in the heart muscle influenced by electrolytes, hormones, hypoxia, and other sensitizing and desensitizing factors.

E. BAJUSZ
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*Bio-Research Institute,
Cambridge, Massachusetts 02141*

Calendar of Events

Courses

Integrated Circuit Engineering, Univ. of Arizona, 17 July–18 Aug. A 200-hour program which combines theory with the practical considerations required to design a functional integrated circuit. Fee, \$500. (R. H. Mattson, Electrical Engineering Dept., Univ. of Arizona, Tucson 85721)

School Librarian Workshop, Drexel Inst. of Technology, 17–28 July (Miss M. Warrington, Graduate School of Library Science, Drexel Inst. of Technology, Philadelphia, Pa. 19104)

Analysis and Design for Automatic Control, Carnegie Inst. of Technology, 18–28 July. Includes 70 hours of classroom work, laboratory projects, and special lectures. Fee, \$375. (W. W. Ellis, Post-College Professional Education, Carnegie Univ., Pittsburgh, Pa. 15213)

Non-Equilibrium Processes in Astrophysics, Univ. of Manchester, 24–28 July. Lectures at postgraduate level. (J. Hazlehurst, Astronomy Dept., Univ. of Manchester, Manchester 13, England)

Engineering Summer Conferences, Univ. of Michigan, 31 July–4 Aug. Designed for engineers, scientists, and technical writers in order to increase the clarity of technical communication by intensive training in expression and organization. Registration 1 month before course begins is required. Fee, \$175. (Engineering Summer Conf., West Engineering Bldg., Univ. of Michigan, Ann Arbor)

Neutron Activation Analysis, State Univ. at Buffalo, 31 July–11 Aug. No previous experience with nuclear techniques required. The course is applicable to industry, law enforcement, and laboratories. (Office of Continuing Education, State Univ. at Buffalo, 3435 Main St., Buffalo, N.Y. 14214)

Workshop on Microscopy, Chicago, Ill., 11–14 Sept. Sponsored by Paper Physics Committee of Technical Assoc. of Pulp and Paper Industry. Registration limited to first 75 persons who apply. Fee, \$100. (T. S. McConnell, TAPPI, 360 Lexington Ave., New York 10017)

National Meetings

July

5-8. National Soc. of **Professional Engineers**, annual mtg., Hartford, Conn. (P. H. Robbins, 2029 K St., NW, Washington, D.C. 20006)

9-13. American **Veterinary Medical Assoc.**, 104th annual mtg., Dallas, Tex. (Executive Secretary, 600 S. Michigan Ave., Chicago, Ill. 60605)

10-11. American College of **Laboratory Animal Medicine**, annual mgt., Dallas, Tex. (R. H. Yager, Secretary, ILAR-NRC, 2101 Constitution Ave., NW, Washington, D.C. 20418)

10-12. **Aviation and Space Transportation**, symp., New York, N.Y. (American Soc. of Mechanical Engineers, 345 E. 47 St., New York 10017)

10-14. Nuclear and Space **Radiation Effects**, Columbus, Ohio. (IEEE. Technical Activities Board, 345 E. 47 St., New York 10017)

14-15. Rocky Mountain **Cancer Conf.**, 21st, Denver, Colo. (N. P. Isbell, Colorado Medical Soc., 1809 E. 18 Ave., Denver 80218)

17-19. Sixth **Aerospace Reliability and Maintainability** Meeting, Cocoa Beach, Fla. (Meetings Manager, ASME, 345 E. 47 St., New York 10017)

17-21. **Neutron Thermalization and Reactor Spectra**, Ann Arbor, Mich. (J. H. Kane, Intern. Conf. Branch, Technical Information Div., Atomic Energy Commission, Washington, D.C.)

17-21. Third **Propulsion** Joint Specialist Conf., Washington, D.C. (Meetings Dept., American Inst. of Aeronautics and Astronautics, 1290 Sixth Ave., New York 10019)

18-20. **Electromagnetic Compatibility**, 9th symp., Washington, D.C. (F. T. Mitchell, Atlantic Research Corp., Shirley Hwy. and Edsall Rd., Alexandria, Va.)

18-22. American **Medical Technologists**, 29th annual mtg., Washington, D.C. (C. B. Dziekonski, 710 Higgins Rd., Park Ridge, Ill. 60068)

19-21. **Marine Chemists** Assoc., 9th annual mtg., San Francisco, Calif. (K. M. Savage, c/o National Fire Protection Assoc., 60 Batterymarch St., Boston, Mass.)

24-27. American Soc. for **Metals**, W. H. Eisenman Conf. on Metal Ceramics Composites, San Francisco, Calif. (The Society, Metals Park, Ohio 44073)

24-28. Solid **Waste** Research and Development; conf., Milwaukee, Wis. (United Engineering Center, 345 E. 47 St., New York 10017)

24-29. **Fluorine Chemistry**, 4th intern. symp., Estes Park, Colo. (P. Tarrant, Dept. of Chemistry, Univ. of Florida, Gainesville 32601)

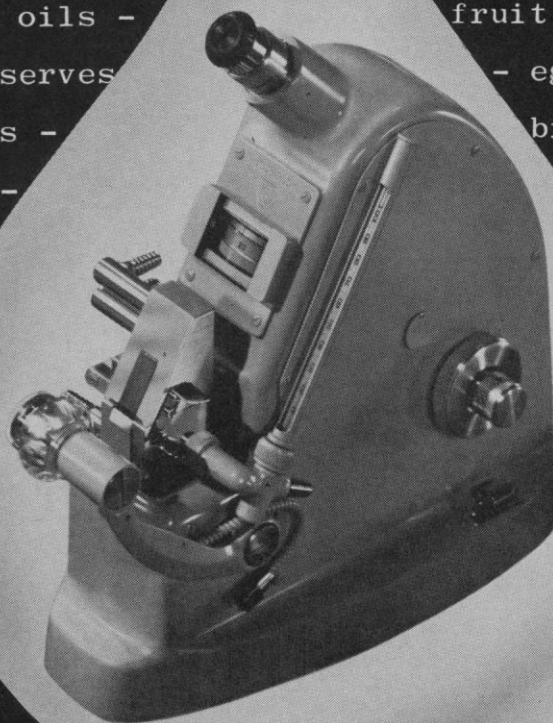
27-29. **Linguistic** Soc. of America, annual summer mtg., Ann Arbor, Mich. (A. A. Hill, Box 8120, University Station, Austin, Tex. 78712)

30-32. American Soc. of **Animal Science**, mtg., Reno, Nev. (A. M. Pearson, Dept. of Food Science, Michigan State Univ., East Lansing 48823)

31-32. International Soc. for Human and Animal **Mycology**, 4th conf., New Orleans, La. (R. Baker, Louisiana Univ. School of Medicine, New Orleans)

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31-4. **Mammalian Oviduct**, symp., Pullman, Wash. (E. S. E. Hafez, Reproduction Lab., Washington State Univ., Pullman 99163)

31-4. Association for the Advancement of **Medical Instrumentation**, annual mtg., San Francisco, Calif. (J. J. Post, Box 314, Harvard Sq., Cambridge, Mass. 02138)

31-4. **Particulate Matter Systems**, conf., Milwaukee, Wis. (United Engineering Center, 345 E. 47 St., New York 10017)

International and Foreign Meetings

July

1-5. European **Orthodontic Soc.**, 43rd annual congr., Bern, Switzerland. (P. Herren, Hirschenger, 6, Bern)

1-9. **Women Engineers and Scientists**, 2nd intern. conf., Cambridge, England. (Mrs. W. D. Gifford, Soc. of Women Engineers, 345 E. 47 St., New York 10017)

2-4. Canadian Soc. of **Clinical Chemists**, annual mtg., Montreal, P.Q. (M. Francoeur, Dept. of Biochemistry, Hotel-Dieu Hospital, 109 Pine Ave. W., Montreal)

2-6. **Forest Products Research Society**, annual mtg., Vancouver, B.C., Canada. (The Society, 417 N. Walnut St., Madison, Wis. 53705)

3-5. British **Orthoptic Soc.**, intern. mtg., London, England. (Conference Secretary, Tavistock House North, Tavistock Sq., London, W.C.1)

3-5. **Electron Diffraction**, anniversary mtg., London, England. (Meetings Officer, Inst. of Physics and the Physical Soc., 47 Belgrave Sq., London, S.W.1)

3-7. Instruments and Techniques for Assessment of **Airborne Radioactivity** in Nuclear Operations, Vienna, Austria. (International Atomic Energy Agency, Kartner Ring 11, Vienna 1)

4-7. Federation of **European Biochemical Societies**, 4th mtg., Oslo, Norway. (F. Gran, c/o Inst. for Nutrition Research, Univ. of Oslo, Blindern, Norway)

5-7. **Canadian Federation of Biological Societies** (Canadian Physiological Soc., Pharmacological Soc. of Canada, Canadian Assoc. of Anatomists, Canadian Biochemical Soc., Nutrition Soc. of Canada), 10th annual mtg., Montreal, P. Q. (Honorary Secretary, c/o Faculty of Medicine, University of Western Ontario, London, Ontario)

5-7. Congress of **Medicinal Chemistry**, 3rd intern. mtg., Paris, France. (Société de Chimie Thérapeutique, 2 rue d'Alesia, 75-Paris 14^e)

6-14. **British Medical Assoc.**, annual mtg., Bristol, England. (The Secretary, Tavistock Square, London W.C.1, England)

7-13. International **Dental Federation**, 55th annual mtg., and 14th congr., Paris, France. (Secretary General, 35 Devonshire Pl., London, W.1, England)

7-13. Physics of **Electronic and Atomic Collisions**, 5th intern. conf., Leningrad, U.S.S.R. (R. N. Ilin, Ioffe Physico-Technical Inst., Leningrad K-21)

9-15. American So. for **Horticultural Science**, Tropical Region, 15th annual mtg., Panama. (E. H. Casseres, Calle Londres 40, Mexico 6, D.F., Mexico)

9-15. International Soc. of **Urology**, 14th congr., Munich, Germany. (Secretary

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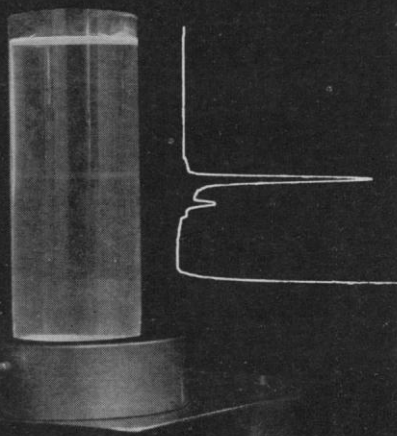
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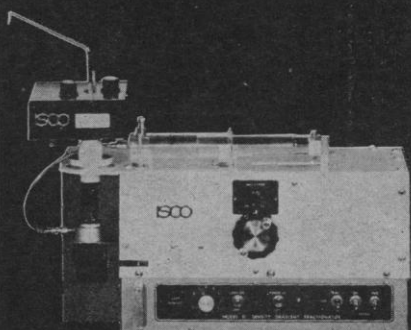
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General, 63 Ave. Niel, Paris 7^e, France)

10-12. Naturally Occurring Phosphoric Esters, intern. symp. Newcastle-upon-Tyne, England. (General Secretary, Chemical Soc., Burlington House, London, W.1, England)

10-15. International Mining Congr., 5th, Moscow, U.S.S.R. (A. S. Archangel-sky, c/o Ministry of the Coal Industry of the U.S.S.R., B. Kiselný per., 13/15, Moscow K-45)

10-15. Latin American Soil Biology, 2nd congr., Santa Maria, Brazil. (Science Dept., British Council, Albion House, 59 New Oxford St., London, W.C.1, Eng-land)

11-14. Magnet Technology, 2nd intern. conf., Oxford, England. (R. C. Pepperell, Rutherford High Energy Laboratory, Chilton, Didcot, Berkshire, England)

11-14. International Union of School and University Health Medicine, 5th congr., Prague, Czechoslovakia. (The Union, Centre International de l'Enfance, Château de Longchamp, Bois de Boulogne, Paris 16^e, France)

12-14. International Soc. for Clinical and Experimental Hypnosis, 5th congr., Kyoto, Japan. (Y. Ikemi, c/o Dept. of Psychosomatic Medicine, Kyushu Univ., School of Medicine, Fukuoka City, Japan)

14-28. Plant Pathology, 1st intern. congr., London, England. (R. K. S. Wood, Imperial College, London, S.W.1)

15-18. Electrical Contact Phenomena, intern. research symp., Swansea, Wales. (Meetings Officer, Inst. of Physics and the Physical Soc., 47 Belgrave Sq., Lon-don, S.W.1, England)

16-22. Organic Photochemistry, intern. symp. (IUPAC), Enschede, Netherlands. (W. G. Dauben, c/o Dept. of Chemistry, Univ. of California, Berkeley 94720)

17-19. Organic Chemistry, symp., (IUPAC), Nottingham, England. (A. W. Johnson, Dept. of Chemistry, Univ. of Nottingham, Nottingham)

17-21. Solar-Terrestrial Relationships during Solar Minimum Conditions, symp., London, England. (G. de Q. Robin, c/o Scott Polar Research Inst., Univ. of Cam-bridge, Cambridge, England)

17-22. World Veterinary Assoc., 18th intern. congr., Paris, France. (R. Vuil-laume, 27, rue des Petits-Hôtels, Paris 10^e)

18-23. Laser Applications, 1st intern. congr., Paris, France. (The Congress, 14, rue de Buffon, Paris 5^e)

19-22. Ibero-Latin American Congr. of Dermatology, Barcelona, Spain. (J. Pinol-Aguade, c/o Facultad de Medicina, Univ. de Barcelona, Spain)

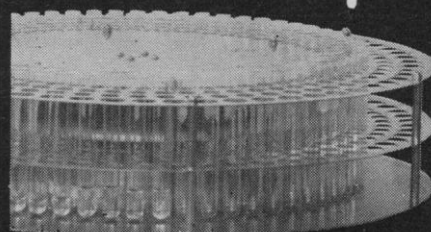
21-31. Space Science, 8th intern. symp., London, England. (M. J. Gazin, Commit-tee on Space Research, 55, Boul. Males-herbes, Paris 8^e, France)

23-26. Society of Naval Architects and Marine Engineers, spring mtg., Montreal, Canada. (M. H. Gluntz, The Society, 74 Trinity Pl., New York 10006)

23-28. International Soc. for Neuro-chemistry, 1st intern. mtg., Strasbourg, France. (J. Folch-Pi, McLean Hospital, Belmont, Mass.)

23-28. International Psychoanalytical Assoc., 25th congr., Copenhagen, Den-mark. (M. M. Montessori, Psycho-Analyt-ical, 63 New Cavendish St., London, W.1, England)

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