

FOR laboratory recording



OFFNER
TYPE 542
DYNOGRAPH

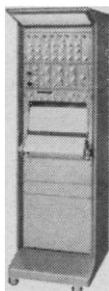
A new high-speed, sensitive, stable, two-channel direct writing oscillograph, ideal for laboratory use.

The OFFNER Type 542 Dynograph provides *sensitivity*—one MV d-c per mm; *stability*—with instant warm-up; *rapid response*—1.5 millisecond deflection time, —and large, easily read records—5 cm deflection with one percent linearity. Records everything from mechanical vibrations in the engineering lab to action potentials for the neurophysiologist.

Write for complete details.

OFFNER TYPE R DYNOGRAPH

When your research demands the ultimate in direct writing recorders, investigate the Offner Type R. Available in a variety of standard and special assemblies.



OFFNER ELECTRONICS INC.
3950 River Road, Schiller Park, Ill.
(Suburb of Chicago)

Meetings

Union of International Engineering Organizations

UNESCO, in the pursuit of its basic aims, continually has to enlist the support of science and engineering, for it is through progress in these two spheres that mutual understanding develops between peoples. It was for the better organization of this support that UNESCO, after establishing a close relationship with the International Council of Scientific Unions and after helping to set up the Council for International Organizations of Medical Sciences, undertook to establish a federation of international groups concerned in various branches of applied sciences. Such was the origin, in 1951, of the Union of International Engineering Organizations (more commonly known as UATI, from the French version of its name).

This union, with headquarters in Paris, now comprises 16 international organizations. Several of these were in existence before UNESCO itself was organized, and most of them have spread their activities over several continents, thereby aiding UNESCO in its task of assisting the economically underdeveloped parts of the world. The member organizations seek to promote the development of engineering and other applied sciences by means of international meetings, publications, preparation of multilingual vocabularies and bibliographical bulletins, and exchanges of persons between countries.

The union enjoys the advantages of the status of a consultant for UNESCO and of enrollment on the register of the U.N. Secretary-General. It brings the support of its member organizations to bear upon all those lines of research which UNESCO is promoting through the existing international advisory committees for the arid zone, the humid tropical zone, and the marine sciences, respectively. Further, the union is permanently represented on the International Advisory Committee for Research in the Natural Sciences Program of UNESCO.

The union, as such, takes no technical part in researches which are the concern of its member organizations, but it helps them to organize their congresses and symposia, and to publish the reports and proceedings of those meetings.

The union has endeavored to guide the activities of its members through two special means—publication of multilingual vocabularies and bibliographical documentation—observing in these matters the directives of UNESCO's Department of Natural Sciences.

The Union of International Engineer-

ing Organizations is continually undergoing expansion and welcomes application for membership from qualified organizations. An organization which wishes to join the union must fulfill the following conditions: (i) it must be concerned with international collaboration within the field of the engineering sciences; (ii) its objectives as disclosed by its constitution, must cover a clearly defined part of that field; (iii) it must have, in at least ten countries not situated in the same geographical region, national committees or a substantial number of members; (iv) its governing body must have an international composition, without geographical limitation; and (v) it must be a nongovernmental organization.

Further information may be obtained from: Union des Associations Techniques Internationales, 62, rue de Courcelles, Paris 8^e, France.

B. DE COMMINGES

Union des Associations Techniques Internationales, Paris, France

Forthcoming Events

July

18-22. Peaceful Application of Nuclear Energy, 3rd Inter-American symp., Petropolis, Rio de Janeiro, Brazil. (J. D. Perkinson, Jr., Inter-American Nuclear Energy Commission, c/o Pan American Union, Washington 6)

18-23. Endocrinology, 1st intern. cong., Copenhagen, Denmark. (G. Pincus, 1st Intern. Cong. of Endocrinology, Worcester Foundation, Shrewsbury, Mass.)

18-25. French Assoc. for the Advancement of Science, 79th cong., Grenoble. (Association Française pour l'Avancement des Sciences, 28 rue Serpente, Paris 6^e)

19-22. International Conf. on Scientific Problems of Crop Protection, Budapest, Hungary. (Z. Király, Research Inst. for Plant Protection, Budapest)

21-27. Medical Electronics, 3rd intern. conf., Olympia, London, England. (Secretary, Institution of Electrical Engineers, Savoy Pl., London. W.C.2)

23-28. Otolaryngology, 7th intern. cong., Paris, France. (H. Guillon, 6, avenue MacMahon, Paris, 17^e)

24-19. Modern Physical Theories and Associated Mathematical Developments. Boulder, Colo. (K. O. Friedrichs, New York Univ., 25 Waverly Pl., New York)

25-6. International Assoc. of Physical Oceanography, 13th general assembly, Helsinki, Finland. (B. Kullenberg, c/o Oceanografiska Institutet, P.O. Box 1038, Goteborg 4, Sweden)

26-28. Poliomyelitis, 5th intern. conf., Copenhagen, Denmark. (S. E. Henwood, International Poliomyelitis Congress, 120 Broadway, New York 5)

27-12. Mathematical Statistics and Probability, symp., Berkeley, Calif. (A. P. Burroughs, Air Force Office of Scientific Research, Research Information Office, AFOSR/USAF, Washington 25)

28-29. Computers and Data Processing, 7th annual symp., Estes Park, Colo. (W.

H. Eichelberger, Denver Research Inst. Univ. of Denver, Denver 10, Colo.)

30-6. Institute on Religion in an Age of Science, 7th annual conf., Star Island, N.H. (R. Burhoe, American Acad. of Arts and Sciences, 280 Newton St., Brookline 46, Mass.)

31-5. Alcohol and Alcoholism, 26th intern. cong., Stockholm, Sweden. (A. Tongue, Bureau International contre l'Alcoolisme, Case Gare 49, Lausanne, Switzerland)

31-5. Photobiology, 3rd intern. cong., Copenhagen, Denmark. (A. Hollaender, Biology Div., Oak Ridge Natl. Laboratory, Oak Ridge, Tenn.)

31-6. Psychology, 16th intern. cong., Cologne, Germany. (Prof. Undeutsch, Psychology Inst. Universität, Cologne)

31-7. Anthropological and Ethnological Sciences, 6th intern. cong., Paris, France. (H. Vallis, Directeur, Musée de l'Homme, Palais de Chaillot, Place du Trocadéro, Paris 16^e)

August

1-3. Global Communications, 4th symp., Washington, D.C. (R. L. Clark, c/o Office of Director of Defense Research and Engineering, Washington 25)

1-6. Esperanto Cong., 45 annual intern., Brussels, Belgium. (45-a Universala Kongreso de Esperanto, Brussels)

1-12. Modulation Theory and Systems, Cambridge, Mass. (E. J. Baghdady, Dept. of Electrical Engineering, Massachusetts Inst. of Technology, Cambridge)

2-5. Poultry Science Assoc., Davis, Calif. (C. B. Ryan, PSA, Dept. of Poultry Husbandry, Texas A & M College, College Station)

3-6. Gas Chromatography (Infrared Spectroscopy Inst.), Nashville, Tenn. (N. Fuson, Fisk Infrared Inst., Fisk Univ., Nashville 8)

3-6. Rarefied Gas Dynamics, 2nd intern. symp. (by invitation only), Berkeley, Calif. (Engineering and Science Extension, Univ. of California, 2451 Bancroft Way, Berkeley 4)

6-12. International Geographical Cong., 19th, Stockholm, Sweden. (IGC, Postfach, Stockholm 6)

7-10. American Soc. of Clinical Hypnosis, Miami, Fla. (S. Hershman, 6770 N. Lincoln Ave., Chicago 46, Ill.)

7-12. Gerontology, 5th intern. cong., San Francisco, Calif. (L. Kuplan, Intern. Cong. of Gerontology, P.O. Box 2103, Sacramento 10, Calif.)

7-13. Industrial Research Conf., Harri-man, N.Y. (Miss M. F. Garvey, Industrial and Management Engineering Dept., Columbia Univ., New York 27)

8-11. American Astronautical Soc., Seattle, Wash. (R. M. Bridgforth, AAS, Propulsion Unit, Boeing Airplane Co., Aero-Space Div., P.O. Box 3707, Seattle)

8-12. American Inst. of Electrical Engineers, San Diego, Calif. (R. S. Gardner, AIEE, 33 W. 39 St., New York 18)

8-13. World Federation for Mental Health, 13th annual, Edinburgh, Scotland. (Secretariat, WFMH, 19 Manchester St., London, W.1, England)

8-20. American Soc. of Criminology, London, England. (D. E. J. MacNamara, New York Inst. of Criminology, 115-117 W. 42 St., New York 36)

9-13. Hail Storms, intern conf., Verona, Italy. (H. G. M. Ligpa, American Meteorological Soc., Stanford Research Inst., Stanford, Calif.)

11-13. Rocky Mountain Radiological Soc., Denver, Colo. (J. H. Freed, 4200 E. Ninth Ave., Denver 20)

11-16. Canadian Teachers Federation, Winnipeg, Manitoba. (G. G. Croskery, 444 MacLaren St., Ottawa 4, Ontario)

14-19. American Pharmaceutical Assoc., Washington, D.C. (R. P. Fischelis, APA, 2215 Constitution Ave., NW, Washington 7)

14-19. International Cong. of Clinical Chemistry, Edinburgh, Scotland. (S. C. Frazer, Clinical Laboratory, Royal Infirmary, Edinburgh)

14-20. Cardiology, 6th Inter-American cong., Rio de Janeiro, Brazil. (H. Alquerque, P.O. Box 1594, Rio de Janeiro)

15-16. National Assoc. of Boards of Pharmacy, Washington, D.C. (P. H. Costello, 77 W. Washington St., Chicago, Ill.)

15-17. Heat Transfer Conf., ASME and AICE, Buffalo, N.Y. (A. B. Conlin, Jr., ASME, 29 W. 39 St., New York 18)

15-17. Organic Scintillation Detectors, intern. conf., Albuquerque, N.M. (G. H. Daub, Chemistry Dept., Univ. of New Mexico, Albuquerque)

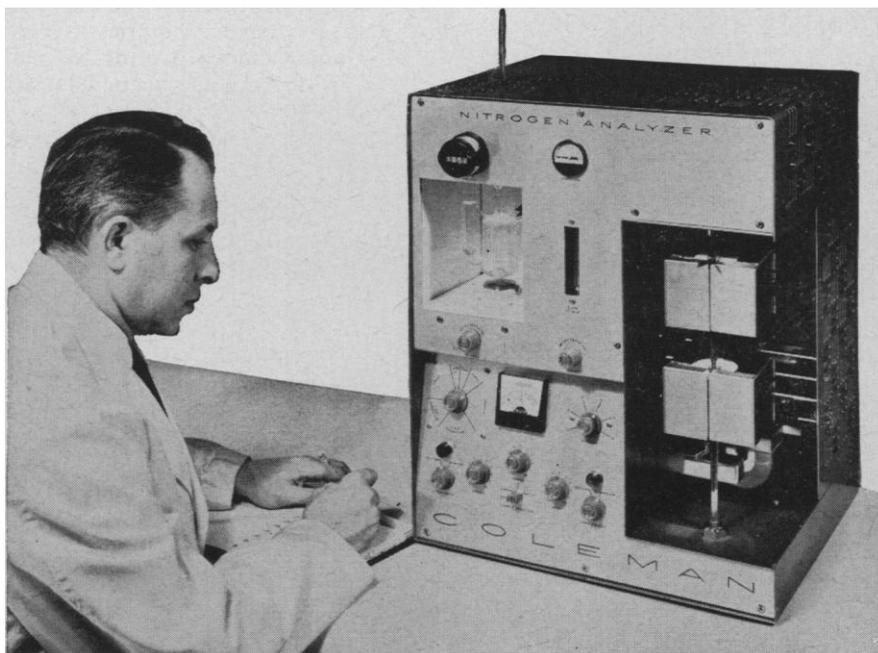
15-18. American Veterinary Medicine Assoc., Denver, Colo. (H. E. Kingman, Jr., 600 S. Michigan Ave., Chicago 5, Ill.)

(See issue of 17 June for comprehensive list)

With this new Coleman instrument, routine nitrogen determinations can be made at the rate of 4 to 5 per hour, or up to 40 per day—automatically! It is the most accurate, reliable method yet devised for the Micro-Dumas process. And it's also excellent for many of the determinations currently made by the Kjeldahl method. It's a real space-saver, too . . . only 18" wide x 15" deep. For the complete Coleman Nitrogen Analyzer story, write for bulletin S-258.

N-3500X Coleman Nitrogen Analyzer,
Model 29, complete \$2,495.00

Coleman
**NITROGEN
ANALYZER . . .**
**. . . performs Micro-
Dumas analyses
automatically—
in minutes—
with digital
readout!**



**SCIENTIFIC
GLASS
APPARATUS
CO. INC.**
BLOOMFIELD, NEW JERSEY

LABORATORY . . .
♦ **APPARATUS**
♦ **INSTRUMENTS**
♦ **CHEMICALS**
♦ **GLASSWARE**

Branch Sales Offices: Albany 5, N. Y. • Boston 16, Mass. • Elk Grove Village, Ill. • Philadelphia 43, Pa. • Silver Spring, Md.