



A New Concept in Ion Exchangers

CM-Sephadex®

Introduction of ionic groups into SEPHADEX, a hydrophilic insoluble product derived from cross-linking the polysaccharide, dextran, makes possible an entirely new series of ion exchangers. The SEPHADEX ion exchangers have

- High capacity
- Low nonspecific adsorption

SEPHADEX ion exchangers make possible the purification, separation and fractionation of a wide range of low molecular weight, complex organic compounds, proteins, and related nitrogenous substances with high yields.

A diversity of types, both anionic and cationic, are available to meet specific requirements. Have you investigated—

CM-Sephadex

<i>Active group character capacity</i>	carboxymethyl cationic, weakly acidic 4-5 meq/g
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CM-SEPHADEX is prepared in two forms: C-25, which is highly effective for separating low molecular weight, complex organic substances, and C-50, which has a far greater binding capacity than C-25 for large size molecules—particularly useful for purification of proteins, enzymes, and related nitrogenous compounds.

This product is available in the following sieve fractions: Coarse, Medium, and Fine.

PHARMACIA FINE CHEMICALS, INC.
501 FIFTH AVENUE
NEW YORK 17, NEW YORK

☐ Send me information on
SEPHADEX Ion Exchangers.

Name _____

Company _____

Address _____

Meetings

Forthcoming Events

April

8-10. **Seismological Soc. of America**, Berkeley, Calif. (K. V. Steinbrugge, 465 California St., San Francisco 4, Calif.)

8-11. **American Personnel and Guidance Assoc.**, Boston, Mass. (APGA, 1605 New Hampshire Ave., NW, Washington 9)

9-11. **American Assoc. of Anatomists**, Washington, D.C. (L. B. Flexner, Dept. of Anatomy, School of Medicine, Univ. of Pennsylvania, Philadelphia)

10-11. **Engineering Aspects of Magneto-hydrodynamics**, 4th symp., Berkeley, Calif. (G. S. Janes, Avco-Everett Research Laboratory, Everett 49, Mass.)

11-13. **Natural Radiation Environment**, intern. symp., Houston, Tex. (J. A. S. Adams, Dept. of Geology, Rice Univ., P.O. Box 1892, Houston 1)

11-13. **Eastern Psychological Assoc.**, 34th annual, New York, N.Y. (M. A. Iverson, Dept. of Psychology, Queens College of the City University of New York, Flushing 67)

11-13. **Pulsatile Blood Flow**, intern. symp., Philadelphia, Pa. (E. O. Attinger, Presbyterian Hospital in Philadelphia, 51 N. 39 St., Philadelphia 4)

11-13. **Southern Soc. for Philosophy and Psychology**, Miami Beach, Fla. (E. A. Alluisi, Human Factors Research Lab., Lockheed Georgia Co., Marietta, Ga.)

12-13. **Pennsylvania Acad. of Science**, East Stroudsburg, (K. B. Hoover, Messiah College, Grantham, Pa.)

14-18. **Electrochemical Soc.**, Pittsburgh, Pa. (ES, 30 E. 42 St., New York 17)

15-16. **American Soc. for Artificial Internal Organs**, annual, Atlantic City, N.J. (B. K. Kusserow, Medical College of Vermont, Burlington)

15-20. **Association for Research into Periodontal Diseases**, 17th intern., Athens, Greece. (O. Louridis, ARPA, 8 rue Hippocratous, Athens)

16-18. **Optical Masers**, intern. symp., New York, N.Y. (L. Bergstein, Symp. Committee, Polytechnic Inst. of Brooklyn, 55 Johnson St., Brooklyn 1, N.Y.)

16-19. **USAF Aerospace Fluids and Lubricants Conf.** (unclassified), San Antonio, Tex. (J. Harmon, Southwest Research Inst., 8500 Culebra Rd., San Antonio)

16-20. **American Physiological Soc.**, Atlantic City, N.J. (H. Rahn, Dept. of Physiology, Univ. of Buffalo, Buffalo 14, N.Y.)

16-20. **British Inst. of Radio Engineers**, Southampton, England. (BIRE, 9 Bedford Sq., London, W.C.1, England)

16-20. **Federation of American Societies for Experimental Biology**, annual, Atlantic City, N.J. (M. O. Lee, 9650 Wisconsin Ave., NW, Washington 14)

16-21. **American Soc. for Experimental Pathology**, Atlantic City, N.J. (K. M. Brinkhous, Dept. of Pathology, Univ. of North Carolina, Chapel Hill)

16-21. **American Inst. of Nutrition**, Atlantic City, N.J. (A. E. Schaefer, Bldg. 16, Rm. 207, NIH, Bethesda 14, Md.)

16-24. **Forensic Immunology, Medicine, Pathology, and Toxicology**, 3rd intern. meeting, London, England. (I. Sunshine, 2121 Adelbert Rd., Cleveland, Ohio)

17-19. **Institute of Environmental Sciences**, technical meeting and equipment exposition, Los Angeles, Calif. (Nat'l. Office, P.O. Box 191, Mt. Prospect, Ill.)

17-19. **Institute of Physics and the Physical Society/Joint British Committee for Vacuum Science and Technology**, conf., Liverpool, England (Inst. of Physics, 47 Belgrave Sq., London, S.W.1, England)

17-19. **Nonlinear Magnetics**, intern. conf., Washington, D.C. (Inst. of Radio Engineers, 1 E. 79 St., New York 21)

17-19. **Plastics**, joint congr. of West Germany, Switzerland, and Austria, Vienna. (Wirtschaftsförderungsinstitut der Bundeskammer der gewerblichen Wirtschaft, 3 Hoher Markt, Vienna 1, Austria)

17-20. **American Astronomical Soc.**, meeting, Tucson, Ariz. (P. M. Routly, 265 Fitz Randolph Rd., Princeton, N.J.)

17-20. **American Geophysical Union**, annual, Washington, D.C. (AGU, 1515 Massachusetts Ave., NW, Washington 5, D.C.)

17-20. **German Soc. of Surgery**, 80th meeting, Munich. (E. Derra, Chirurgische Klinik der Medizinischen Akademie, Moorenstr. 5, Düsseldorf, Germany)

17-21. **Man, Technology, and Medicine in Nuclear and Space Age**, 3rd intern. congr., Rome, Italy. (A. J. Shneiderov, 1945 Calvert St., NW, No. 44, Washington 9)

18. **Society of Plastics Engineers**, regional technical conf., Syracuse, N.Y. (R. R. Collis, c/o Joseph Cashier & Co., Inc., 810 E. Water St., Syracuse)

18-20. **Neurosurgery**, 2nd European congr., Rome, Italy. (B. Guidetti, Viale Università 30, Rome)

18-20. **Stereology**, 1st intern. congr., Vienna, Austria. (Vienna Medical Acad., Alserstrasse 4, Vienna 9)

18-21. **Radiology in Otolaryngology**, intern. symp., Bordeaux, France. (G. Guilen, 45, cours du Marechal Foch, Bordeaux)

20. **New Jersey Acad. of Science**, annual, Glassboro, N.J. (H. L. Silverman, 361 Highland Ave., Newark 4, N.J.)

21-24. **Rare Earth**, conf., Grand Bahama Island. (K. S. Vorres, Dept. of Chemistry, Purdue Univ., Lafayette, Ind.)

21-25. **International College of Surgeons**, North American Federation, annual, Los Angeles, Calif. (W. F. James, 1516 Lake Shore Dr., Chicago 10, Ill.)

22-24. **Institute of the Aerospace Sciences**, Dallas, Tex. (R. R. Dexter, 2 E. 64 St., New York 21)

22-24. **American Oil Chemist Soc.**, Toronto, Ont., Canada. (K. F. Mattil, Swift & Co., Packers and Exchange Ave., Chicago 9, Ill.)

22-24. **Biomedical Engineering**, 3rd symp., San Diego, Calif. (J. H. McLeod, Program Committee, 8484 La Jolla Shores Dr., La Jolla, Calif.)

22-25. **American Physical Soc.**, Washington, D. C. (K. K. Darrow, APS, Columbia Univ., New York 27)

22-26. **Radioisotopes and Radiation in Plant and Animal Insect Control**, intern. symp., Athens, Greece. (J. H. Kane, In-

tern. Conferences Branch, Div. of Special Projects, U.S. Atomic Energy Commission, Washington 25)

22-27. American Acad. of Neurology, Minneapolis, Minn. (C. A. Kane, 80 E. Concord St., Boston, Mass.)

23-25. Electronic Processes in Dielectric Liquids, Durham, England. (Administration Assistant, Inst. of Physics and the Physical Soc., 47 Belgrave Sq., London, S.W.1, England)

24-26. German Soc. of Hygiene and Microbiology, Würzburg. (W. Herrmann, Städtischen Krankenanstalten, Robert Koch-Haus, Essen, Germany)

24-26. Institute of Radio Engineers, regional conf., San Diego, Calif. (E. Herz, 4444 Mt. Castle Ave., San Diego 17)

24-28. German Roentgen Congr., 44th, Baden-Baden, Germany. (H. Lossen, GRC,

Universitäts-Strahleninstitut, Langenbeckstr. 1, Mainz, Germany)

25-27. Mississippi Acad. of Sciences, University. (C. Q. Sheely, Dept. of Chemistry, Mississippi State College, State College)

25-27. Ohio Acad. of Science, Wilberforce. (G. W. Burns, 505 King Ave., Columbus 1, Ohio)

25-27. Population Assoc. of America, Philadelphia, Pa. (P. C. Glick, Bureau of the Census, Washington 25)

25-27. West Virginia Acad. of Science, Buckhannon. (J. A. Duke, S.J., Dept. of Chemistry, Wheeling College, Wheeling, W. Va.)

25-28. Association of Clinical Scientists, Louisville, Ky. (R. P. MacFate, 54 W. Hubbard St., Chicago 10, Ill.)

26-27. American Mathematical So-

ciety, University Park, N.M. (AMS, 190 Hope St., Providence 6, R.I.)

26-27. American Assoc. of University Professors, San Francisco, Calif. (W. P. Fidler, AAUP, 1785 Massachusetts Ave., NW, Washington 6)

26-27. Illinois State Acad. of Science, Carbondale. (C. L. Kanatzar, MacMurray College, Jacksonville, Ill.)

26-27. South Dakota Acad. of Science, Rapid City. (T. Van Bruggen, State Univ. of South Dakota, Vermillion)

27. American Soc. for Experimental Pathology, Atlantic City, N.J. (K. M. Brinkhous, Dept. of Pathology, Univ. of North Carolina, Chapel Hill)

27. Clinical and Diagnostic Aspects of Enzyme Multiplicity, colloquium, Ghent, Belgium. (R. J. Wieme, Laboratory of the Medical Clinic, Pasteurdreef 2, Ghent)

27-28. American Psychosomatic Soc., 20th, Atlantic City, N.J. (APS, 265 Nassau Rd., Roosevelt, N.Y.)

27-2. American Ceramic Soc., Pittsburgh, Pa. (C. S. Pearce, ACS, 4055 N. High St., Columbus 14, Ohio)

28-3. American Assoc. of Cereal Chemists, Minneapolis, Minn. (C. L. Brooke, Merck & Co., Rahway, N.J.)

28-29. Electron Beam Technology, 5th intern. symp., Boston, Mass. (J. R. Morley, Alloyd Electronics Corp., 35 Cambridge Pkwy., Cambridge 42, Mass.)

29-30. Combustion Inst., Western States Div., San Diego, Calif. (G. S. Bahn, 16902 Bollinger Dr., Pacific Palisades, Calif.)

29-1. International Acad. of Pathology, 52nd, Cincinnati, Ohio. (F. K. Mostofi, Armed Forces Inst. of Pathology, Washington 25)

29-2. U.S. Natl. Committee, Intern. Scientific Radio Union, annual, Washington, D.C. (Miss J. Hannaum, Natl. Acad. of Sciences, 2101 Constitution Ave., NW, Washington 25)

29-3. Society of Photographic Scientists and Engineers, annual, Atlantic City, N.J. (D. L. Castellini, 98 Leland Terrace, New Shrewsbury, N.J.)

May

1-2. Polymer Science and Technology, conf., London, England. (J. N. Radcliffe, Plastics Inst., 6 Mandeville Pl., London, W.1)

1-3. American Assoc. for Contamination Control, natl., Boston, Mass. (AACC, 6 Beacon St., Suite 626, Boston 8)

1-4. American Film Festival, New York, N.Y. (Educational Film Library Assoc., 250 W. 57 St., New York 19)

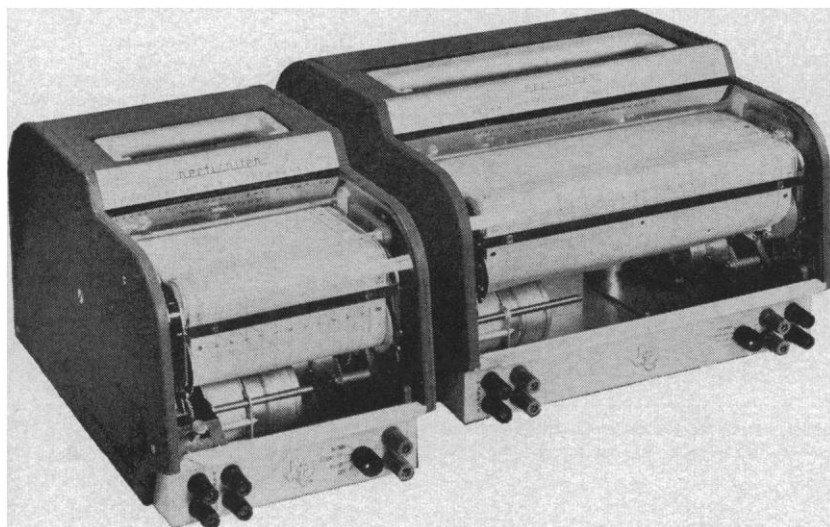
2-3. Human Factors in Electronics, 4th annual symp., Washington, D.C. (F. Chernikoff, U.S. Naval Research Laboratory, Code 5124, Washington 25)

2-4. Kansas Acad. of Science, Lawrence. (G. A. Leisman, Dept. of Biology, Kansas State Teachers College, Emporia)

2-4. American Philosophical Assoc., Western Div., Columbus, Ohio. (L. E. Hahn, Washington Univ., St. Louis 30, Mo.)

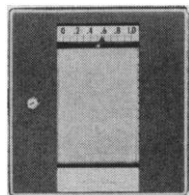
2-4. Virginia Acad. of Science, Roanoke. (P. M. Patterson, Hollins College, Hollins College, Va.)

2-5. Council of Long Island Technical Societies, exposition of technology and industry, West Hempstead, N.Y. (CLITS, Route 110, Farmingdale, N.Y.)



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error-free *recti/rite*® system developed by Texas Instruments in 1956—the widest selection of ranges and chart speeds—plus exclusive operator convenience features have made the *recti/riter* a first choice of the most demanding user. There is a *recti/riter* to fit your particular requirement: single and dual channel in both portable and flush-mounting models. Write for complete information.

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