

The Brinkmann Gel Column

Slicing It Pretty Thin

It's a safe bet you won't find one in every household. Or in every laboratory. But if you're moving in the sort of specialized area of electrophoretic analysis of RNA, for example, and you have to serve up slices of polyacrylamide gels, a lot of laboratory types think the MICKLE GEL SLICER is the best thing since delicatessens.

It figures.

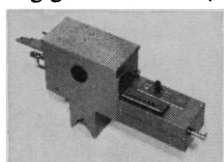
How else can you cut a frozen gel column up to 10 cm long and 1 cm thick into flawless slices of less than 1.0 mm, in increments of 0.1 mm, and leave the rest of the column undisturbed?

Cutting force and blade angle are adjustable for hard-frozen dilute gels, or softer, concentrated cylinders. Slices are easily collected for processing and scintillation counting.

Twenty cuts per minute. Foot switch leaves hands free. Electromagnetic counter keeps score on slices. Write for complete details.

How To Look Good, Fast.

Costs being what they are today, the guy (or gal) who can save a few dollars gets the hero medal. Here's a way to look good while you're looking good and fast (while you're rapidly scanning polyacrylamide gel columns optically, that is).



Be the first to recommend purchase of the VICON LINEAR GEL SCANNER—the attachment that fits right into your Zeiss PMQ II Spec. cell compartment without modification (and avoids costly instrument duplication).

It scans at 6 mm/min—even faster (25 mm/min) for coarser separations—in either direction. Resolution? Slit aperture is 100 μ thin to catch those narrow bands. Columns to 10 x 100 mm can be handled. Wavelength is variable from 200 to 750 $m\mu$. And there are a host of options available to meet your specific needs. Want to scan fast? Want to look good? Get the details. Write:



Dept. B.G.C.
Brinkmann Instruments, Inc.
Cantiague Road,
Westbury, N.Y. 11590
(516/334-7500)

Brinkmann Instruments
(Canada), Ltd.
50 Galaxy Boulevard,
Rexdale (Toronto), Ontario

Allen T. Dittmann. Springer, New York, 1973. viii, 232 pp., illus. \$7.95.

Learning to Be. The World of Education Today and Tomorrow. Edgar Faure and six others. Unesco, Paris; Harrap, London, 1972 (U.S. distributor, Unipub, New York). xi, 314 pp. Paper, \$6.

Metal-Ammonia Solutions. William L. Jolly, Ed. Dowden, Hutchinson, and Ross, Stroudsburg, Pa., 1972. xvi, 440 pp., illus. \$20. Benchmark Papers in Inorganic Chemistry.

Metallurgical Stereographic Projections. J. S. Smaill. Halsted (Wiley), New York, 1972. viii, 262 pp., illus. \$22.75.

Microbiology. A Programmed Presentation. William J. Payne and Dean R. Brown. Mosby, St. Louis, Mo., ed. 2, 1972. xii, 284 pp., illus. Spiral bound, \$6.75.

The Minor Structures of Deformed Rocks. L. E. Weiss. Springer-Verlag, New York, 1972. viii, 432 pp., illus. \$29.80.

The Molecular Basis of Antibiotic Action. E. F. Gale, E. Cundliffe, P. E. Reynolds, M. H. Richmond, and M. J. Waring. Wiley-Interscience, New York, 1972. xviii, 454 pp., illus. \$23.50.

Multiple Factors in the Causation of Environmentally Induced Disease. A workshop, Bethesda, Md. Douglas H. K. Lee and Paul Kotin, Eds. Academic Press, New York, 1972. xx, 226 pp., illus. \$7.50. Fogarty International Center Proceedings, No. 12. Environmental Sciences.

Natural Ecosystems. W. B. Clapham, Jr. Macmillan, New York, 1973. viii, 248 pp., illus. Paper, \$3.95.

Scientific and Technical Books in Print, 1972. Subject Index, Author Index, Title Index. Bowker, New York, 1972. xii, 1576 pp. \$28.50.

The Selection of Design. Gordon L. Glegg. Cambridge University Press, New York, 1972. 84 pp., illus. \$6.95.

Solar Wind. Proceedings of a conference, Pacific Grove, Calif., Mar. 1971. C. P. Sonett, P. J. Coleman, Jr., and J. M. Wilcox, Eds. National Aeronautics and Space Administration, Washington, D.C., 1972 (available from the Superintendent of Documents, Washington, D.C.). xii, 718 pp., illus. \$6. NASA SP-308.

Sonographs of the Sea Floor. A Picture Atlas. R. H. Belderson, N. H. Kenyon, A. H. Stride, and A. R. Stubbs. Elsevier, New York, 1972. viii, 186 pp. \$27.75.

Space Physics and Space Astronomy. Michael D. Papagiannis. Gordon and Breach, New York, 1972. xvi, 294 pp., illus. \$14.50.

Stålfelt's Plant Ecology. Plants, the Soil and Man. Translated from the Swedish edition (1960) by Margaret S. Jarvis and Paul G. Jarvis. Longman, London, 1972. xii, 592 pp., illus. Paper, £5.50.

Statistical Decomposition Analysis. Henri Theil. North-Holland, Amsterdam; Elsevier, New York, 1972. xvi, 338 pp., illus. \$22.50. Studies in Mathematical and Managerial Economics, vol. 14.

Strains of Human Viruses. Mirko Majer and Stanley A. Plotkin, Eds. Karger, Basel, 1972 (U.S. distributor, Phiebig, White Plains, N.Y.). x, 272 pp. \$27.45.

The Structure and Function of Muscle. Vol. 1, Structure Part 1. Geoffrey H. Bourne, Ed. Academic Press, New York, ed. 2, 1972. xx, 576 pp., illus. \$33.

The Structure and Function of Nervous Tissue. Vol. 6, Structure IV and Physiology IV. Geoffrey H. Bourne, Ed. Academic Press, New York, 1972. xvi, 500 pp., illus. \$29.

Victims of Groupthink. A Psychological Study of Foreign-Policy Decisions and Fiascoes. Irving L. Janis. Houghton Mifflin, Boston, 1973. viii, 278 pp., illus. \$7.95.

The Vitamins. Chemistry, Physiology, Pathology, Methods. Vol. 5. W. H. Sebrell, Jr., and Robert S. Harris, Eds. Academic Press, New York, ed. 2, 1972. xviii, 468 pp., illus. \$27.

The Work of the Science Film Maker. Alex Strasser. Hastings House, New York, 1972. 308 pp., illus. \$17.50. Library of Film and Television Practice.

The World Encyclopedia of Animals. Maurice Burton, Ed. World, New York, 1972. 400 pp., illus. \$20.

Zinsser Microbiology. Wolfgang K. Joklik and David T. Smith, Eds. Appleton-Century-Crofts, New York, ed. 15, 1972. xx, 1120 pp., illus. \$23.75.

New Journals Received

Collective Phenomena. An International Journal of Discussion and Speculation. Vol. 1, No. 1, Aug. 1972. Four issues per volume. American editor: F. Cummings (University of California, Riverside). Gordon and Breach, Inc., 440 Park Ave. South, New York, N.Y. 10016. To individuals, \$15; to institutions, \$45.

Communications in Statistics. Vol. 1, No. 1, 1973. Six issues a year. Editor: D. B. Owen (Southern Methodist University). Marcel Dekker, Inc., 95 Madison Ave., New York, N.Y. 10016. To individuals, \$15; to institutions, \$35.

Environmental Affairs. Vol. 1, No. 4, Mar. 1972. Quarterly. Editor: Edward A. Haffer. Environmental Affairs, Inc., Environmental Law Center, Boston College Law School, Brighton, Mass. 02135. \$18.

Geometriae Dedicata. Vol. 1, No. 1, Nov. 1972. Quarterly. U.S. members of editorial board: L. Auslander (New York), B. Grünbaum (Seattle), D. G. Higman (Ann Arbor), and J. A. Wolf (Berkeley). D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Holland. To individuals, \$24.75; to institutions, \$41.25.

International Journal of Environmental Analytical Chemistry. Vol. 1, No. 4, May 1972. Four issues per volume. Editors: Roland W. Frei (Dalhousie University, Halifax, Nova Scotia) and Brian W. Bailey (State of N.Y. Dept. of Health, Albany). Gordon and Breach, Inc., 440 Park Ave. South, New York, N.Y. 10016. To individuals, \$14.50; to institutions, \$41.50.

Journal of Structural Mechanics. Vol. 1, No. 1, 1972. Four issues a year. Editor: E. F. Masur (University of Illinois, Chicago). Marcel Dekker, Inc., 95 Madison Ave., New York, N.Y. 10016. \$55.

Separation and Purification Methods. Supplement 1 of Separation Sciences. Vol. 1, No. 1, 1972. Semiannual. Editors: Edmond S. Perry (Eastman Kodak Co., Rochester, N.Y.), and Carel J. Van Oss (State University of New York at Buffalo). Marcel Dekker, Inc., 95 Madison Ave., New York, N.Y. 10016. \$19.50.