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Take MICROTHENE® powdered polyethylene... stir in a little imagination... chances are you'll come up with a way *you* can use it. A new use, perhaps.

Here's a material that's inert chemically; melts around 200-300° Fahrenheit; has a low specific gravity, a low coefficient of friction and enormous surface area.

This finely divided solid can be used to do things usually limited to fluids. Techniques like spraying, coating, and casting are among current applications. Also, it can be used as an additive in waxes, lubricants and other plastics. Only recently it opened up the field of rotational molding to plastic powders.

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Division of National Distillers and Chemical Corp.
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I think I have the germ of an idea. Please send me more information on the properties and present uses of MICROTHENE polyethylene in powdered form.

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Company _____

Address _____

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SC-1

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Young Ph.D. trained in dairy cattle physiology and nutrition with postdoctoral teaching and research experience. Desires industrial or academic position. Box 174, SCIENCE. 8/17

Physiologist. Has specialized reproduction, growth, lactation; some genetics, nutrition. Good writer and speaker. Academic or with foundation preferred. Box 176, SCIENCE.

Protein Chemist, Ph.D. Intensive and varied experience; seeks research opportunity allowing independent work and possibility of aiming at neoplastic problems. Northeast preferred. Box 163, SCIENCE. 8/3, 10

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U.S. Government positions in Washington, D.C. for Senior Analysts in space associated sciences. Ph.D., M.D. or equivalent, training in medicine, physiology or experimental psychology, primary interest in evaluating research. Must be U.S. citizen by birth, under 45 years of age, good health. Salary to \$13,510 per annum, numerous other benefits, active training program. Send résumé to Box # 64, Suite 1200, 230 West 41 St., New York 36.

Biophysicist or Medical Electronics Engineer to develop Bio-Medical equipment. Must have experience with Analytical and Preparative Electrophoresis equipment. Excellent salary and Stock Incentive Plan. Plant located in Hicksville. Send replies in strict confidence to SERVONUCLEAR CORP., 28-21 Astoria Blvd., Long Island City 2, N.Y.

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Ph.D. Physiologist or Nutritionist for research and teaching in sensory evaluation of foods. Regular academic position on 11-month basis. In leading department of Food Science & Technology. Box 171, SCIENCE.

RESEARCH DIRECTOR

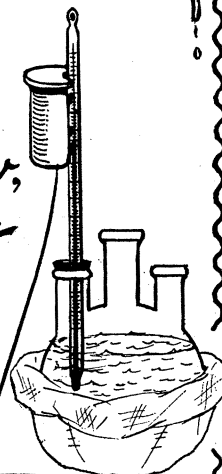
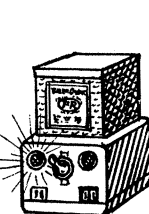
Ph.D. of stature, broad scientific background, and wide range of interests, wanted by well-financed university-affiliated foundation. Challenging opportunity to conduct pioneering statistical research relative to rhythmic fluctuation in all aspects of natural and social science. Suitable university professorship also.

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Our company currently has a need for a Ph.D. or equivalent background in biostatistics for our Statistical Quality Control Department. This position entails problem solving in the area of biologicals. We would like this person to have a knowledge of parallel line assays, slope-ratio assays, probit analysis, serial dilution, plate counts, as well as having a sound, basic background in probability and statistics. Experience is not necessary, but could be helpful. The location of the position is Detroit, Michigan. Salary open. Please send résumé and salary requirements to: Personnel Department, **Parke, Davis & Company**, Joseph Campau at the River, Detroit 32, Michigan.

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Physiologist, Ph.D. preferred, Life Support Department Research Laboratories, midwestern location, needs man interested in space feeding and waste management problems, excellent benefit and bonus plan. Box 177, SCIENCE.

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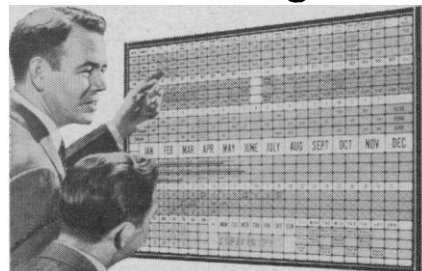
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Biochemistry Department
University of North Dakota
Medical School
Grand Forks, N.D.

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The University of Melbourne calls for applications for three junior research fellowships, two to date from 1 March 1963 and the third from 1 June 1963. Salary will be in the range £A1650 to £A2450 and up to £A200 will be paid toward the passage of an overseas fellow. Applications should be lodged with the Dean of Graduate Studies, University of Melbourne, Parkville, N.Z., Victoria, Australia, by 30 November 1962.

Conditions for the fellowships may be obtained from the Australian News and Information Bureau, 636 Fifth Avenue, New York, or from J. S. Rodgers, Dean of Graduate Studies.

Predocctoral and Postdoctoral Fellowships in Medical Physics. Opportunities are available to do graduate work in the basic medical sciences. Emphasis is on the fields of radiation biology, radiation physics, and the clinical use of radioisotopes. Fellowship support is offered for study programs leading to the M.S. and Ph.D. degrees in medical physics and also for postdoctoral research. Stipends vary with training and dependents. Write to Chairman, Department of Radiology, Medical Center, University of California, Los Angeles 24, California. 8/10, 24; 9/7

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are needed by our library and institutional customers. Please send us lists and description of periodical files you are willing to sell at high market prices. Write Dept. A3S, CANNER'S, Inc. Boston 20, Massachusetts

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The task of analyzing extremely small samples is made quicker and easier with three components of the Coleman Ultramicro Program—the Junior Spectrophotometer, the titrator and the centrifuge.

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Ultramicro Cell Assembly—\$124.25

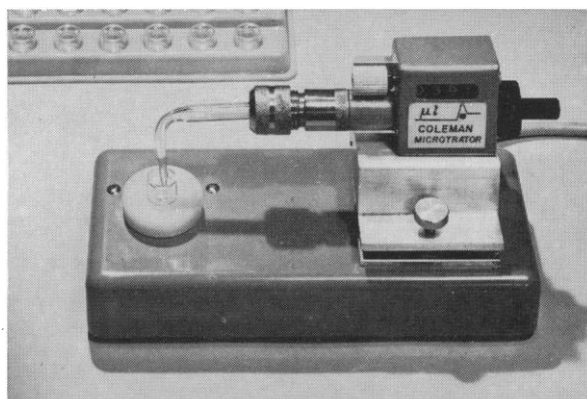
Coleman Junior Spectrophotometer—\$453.00



FOR TITRATIONS...

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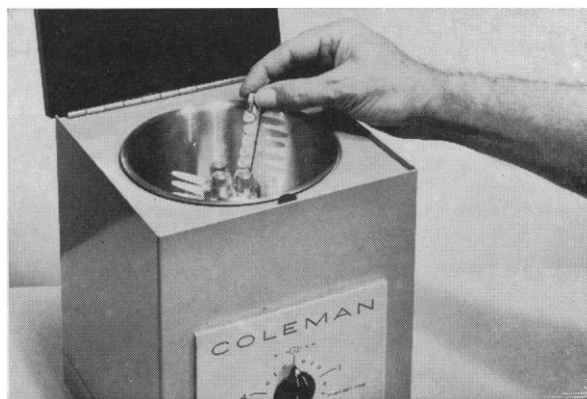
Microtrator—\$250.00



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Ultramicro Centrifuge—\$165.00



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THE HOOVER MELTING POINT APPARATUS, "Uni-Melt," which is rapidly becoming a standard instrument for determination of capillary melting points, has recently been improved to overcome fluctuation in laboratory lighting. Glareless illumination, restricted to the scale of the thermometer, is provided by an 8-watt fluorescent lamp in ventilated metal housing. The more sharply visible thermometer meniscus reduces operator eye-strain, promotes greater accuracy of individual readings and decreases the time for a series of determinations, especially when used with the Periscopic Thermometer Reader.

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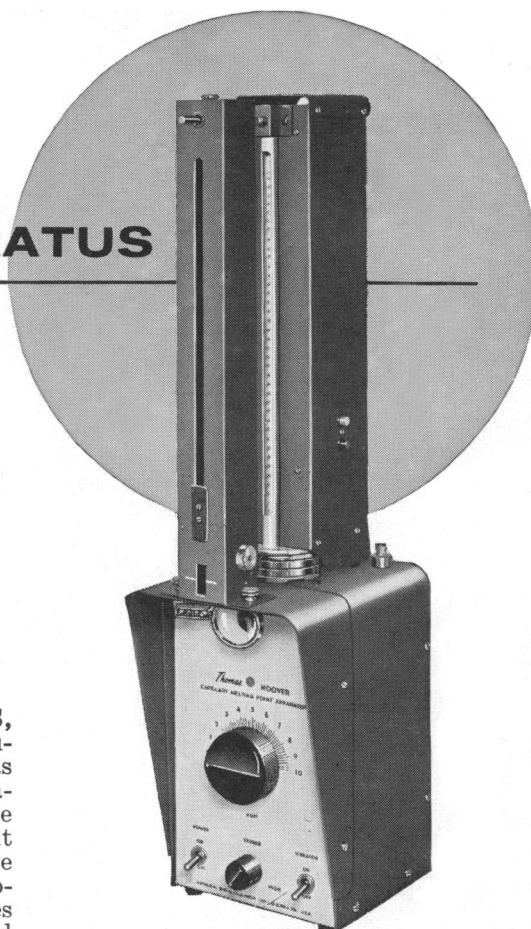
Capillary Vibrator. Recessed in top of housing. Shakes capillaries thoroughly, insuring uniform packing of sample.

Both the Thermometer Illuminator and Periscopic Thermometer Reader are available for attachment to the basic instrument. The Reader presents a magnified scale image in a window just above the sample observation port. Fusion of sample can be observed and melting temperature noted without raising the head. Thermometer meniscus can be followed by turning knob at right.

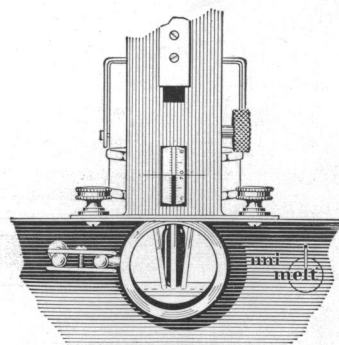
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6406-M.
Hoover Melting Point Apparatus, complete with
Periscopic Reader and Thermometer Illuminator



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6407-B. Molecular Weight Bath Assembly, for use with Rast-Pregl cryoscopic molecular weight tubes. Interchangeable with standard bath assembly. 52.75

For more detailed description, see pp 624-625 of our new 1961 catalog.



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