for 20th-century education than the usages of the word *official*.

What is deplorable is a pre-Copernican mentality in the age of nuclear physics. This mentality will not promote survival —unless it be of a pre-Copernican world. Surely this is not Hook's wish.

JOSEPH GALLANT

Mount Vernon, New York

The "Abominable Snowman"

It is probable that the footprints that have been reported from the snows of the Himalayas as being those of the "Abominable Snowman" may have been made by several orders of mammals [W. L. Straus, Jr., *Science* **123**, 1024 (1956)]. In April 1953, tracks that looked like the photographs published in several popular magazines as being those of the "Abominable Snowman" were seen by the writer along the snow-covered trail to Baltistan, near Sonamarg, Kashmir. Some of the tracks were old, and some were fresh. The fresh tracks were large —4 to 6 inches wide and 10 to 14 inches long—and appeared to be made by a biped. In some of the fresher tracks the imprint of the toes became more and more pronounced as one followed the track, and then the toes disappeared and the tracks became larger. The bottom of the new and larger tracks showed a pattern like a rough weave but within a few yards became smooth and free from any distinguishing marks.

The tracks were made by men wearing snow sandals to protect their feet, not from the snow but from ice crystals that form from thawing and freezing. These sandals were woven of a plant that seemed to be much like the cattail, *Typha*. The plant grows in marshy areas and is cut in the fall and dried, but before it is too dry it is woven into a crude sandal. These snow sandals are worn by many inhabitants, either because they are too poor to buy leather or because they belong to a Buddhist sect that will not use leather. The sandals first wear under the toes, so the imprint of the toes is clear in the snow. When the wear goes too far, the foot-covering is discarded and the track changes suddenly. Discarded sandals were examined but were not saved, for the "Abominable Snowman" was considered to be the product of the imagination of men who saw "animal" tracks that had been enlarged by melting of the snow. Although the use of such snow sandals may be a local custom, it is quite possible that some of the tracks reported by explorers were made by men wearing the type of sandal described here.

ROBERT K. ENDERS

Department of Biology, Swarthmore College, Swarthmore, Pennsylvania

EQUIPMENT NEWS

The information reported here is obtained from manufacturers and from other sources considered to be reliable. Science *does not assume responsibility for the accuracy of the information. All inquiries concerning items listed should be addressed to* Science, *Room 740, 11 W. 42 St., New York 36, N.Y. Include the name(s) of the manufacturer(s) and the department number(s).*

■ COMPARATOR MICROPHOTOMETER, for measurements on photographic plates, uses a tiny mirror to deflect light from the line being measured, while light from the remainder of the field is used to project an image. The measuring optics are able to resolve the double component of the iron "triplet" at 3100 A when the linear separation on the plate is 28 μ. Scattered light is less than 0.5 percent. The electrical output of the multiplier phototube is measured by a servo slide-wire assembly. An electronic control circuit automatically selects the point of minimum transmission of the spectrum line and stops the scanning operation to permit reading. (Jarrell-Ash Co., Dept. S668)

■ SWEEP OSCILLATOR has two ranges, 10 to 500 and 400 to 950 Mcy/sec. Two series of calibration marks are provided at harmonic frequencies of 5- and 50-Mcy/sec crystal-controlled oscillators. Sweep-width is variable from 5 to 40 Mcy/sec with sweep rate approximately 60 cy/sec. The output waveform contains less than 5 percent harmonic distortion at full output. (Kay Electric Co., Dept. S670)

■ POWER SUPPLY furnishes high-voltage excitation for multiplier phototubes. Output voltage ranges from 500 to 5000 v d-c. The unit is designed for scintillation-counting applications. Regulation is 0.005 percent, and noise and ripple are 50 mv peak-to-peak. A standard cell furnishes voltage reference. Current capacity is 10 ma. (Hammer Electronics Co., Inc., Dept. S671)

■ FUME HOOD is fabricated with spherical corners throughout to eliminate points where hazardous deposits may accumulate. The hoods are made of stainless steel integrally welded and ground smooth. Service connections are mounted on raised circular platforms that are pressed into the sheet metal. Cup sinks and sink bowls are integrally welded. (Warren Corporation, Dept. S673)

■ ZONE MELTING device for purifying silicon eliminates container contamination by eliminating the container. The silicon rod to be purified is supported rigidly at its ends, while the molten zone, which is swept along the rod by induc-

tive heating, is supported only by surface tension. Stability of the molten zone is achieved by proper proportioning of load and generator impedances. P-type silicon with resistivity of 16,000 ohm cm and minority lifetime of 1200 μsec has been made in this way. (Bell Telephone Laboratories, Dept. S676)

■ DISTILLED-WATER TANK is equipped with built-in ultraviolet light for continuous sterilization of contents. Tanks are available in capacities from 5 to 1000 gal and in cylindrical or box form. (Barnstead Still and Sterilizer Co., Dept. S674)

■ RADIOISOTOPE-EXCITED LAMP provides illumination for marking applications for periods of 10 years or more without need for power or maintenance. The unit is 6 in. long and has a luminous diameter of 5 in. Brightness is 1000 μlam. Depending on the phosphor used, light emission may be in the blue, green, yellow, or orange regions of the spectrum. (United States Radium Corp., Dept. S679)

■ CIRCUIT BOARD for "breadboard" circuit development uses 130 conductive cells, arranged in a quadrilateral pattern. Location of the conductive cells is identified by intersections of a network of grid lines. Component leads are inserted into the cells through an elastic covering to make connections. Individual components may be replaced or reassembled without damaging leads or loosening contacts. (Van-Dee Products, Dept. S680)

■ PRESSURE STANDARD for calibration of pressure instruments attains ±0.05 percent accuracy for full-scale ranges from 5 to 2500 lb/in.^{2} and ±0.1 percent for ranges from 3000 to 10,000 lb/in.^{2} The unit, consisting of a pressure pickup, a frequency-modulated oscillator, and an integral power supply, is portable. (Wiancko Engineering Co., Dept. S681)

■ BALL-AND-DISK INTEGRATORS adapted to strip chart recorders provide integration against time or against chart travel. Read-out may be by visual counter with manual reset, by digital printing on the same chart, or by pips along the edge of the chart with every tenth pip in the reverse direction. (Royson Engineering Co., Dept. S692)

■ INFRARED SPECTROMETER provides automatic interchange of prisms and cams for selection of optimum optical elements for a given wavelength range. The instrument is of the double-beam, automatic-recording type with wide choice of scanning speed and chart scales. The optical system is evacuated to avoid atmospheric absorption. Slits are magnetically operated. The radiation receiver is a Golay pneumatic detector. A built-in oscillo-

scope is provided for routine check of the performance of the electronic sections of the instrument. (Unicam Instruments Ltd., Dept. S678)

■ TEMPERATURE CONTROL CABINET provides control from 0 to 60°C to ± 0.5°C. Temperature throughout the chamber is uniform within 1°C. The chamber, which is lined in porcelain-enameled steel, measures 16 by 17 by 35 in. (Electric Hotpack Co., Dept. S682)

■ MERCURY ARC LAMP has a stable, constricted, short arc, measuring 0.3 by 0.3 mm, which provides a point source of light. Made of fused quartz, the lamp provides ultraviolet as well as visible radiation. Forced cooling is not required. The power supply operates from 110- to 120-v, 60 cy/sec power. (George W. Gates and Co., Inc., Dept. S683)

■ OZONE METER bases its operation on the opacity of ozone to ultraviolet radiation in the region of 2537 A. The standard model is sensitive in a range from 0 to 40 mg/lit with accuracy of ± 5 percent of full scale. Units for other ranges are available on special order. (Welsbach Corporation, Dept. S685)

■ COMPUTER RECORDER accepts asynchronous digital data from several sources and combines them in any selected sequence together with record numbers and manually inserted, fixed data. The data are accumulated in an internal core storage and are then transferred to magnetic tape in the format and sequence desired for input to computers. Up to 40,000 12-bit words per second can be accepted. Visual indications of the last record number and the last test-data values are furnished. (Epsco Inc., Dept. S688)

■ TRAP, for isolating an ultrahigh-vacuum system from contaminating oil vapor, permits achievement of pressures as low as 10^{-13} mm-Hg in a glass system using an ionization gage as a pump. A continuous spiral of corrugated copper foil, 0.003 in. thick, completely fills the Pyrex trap. The trap is effective for over a month of continuous operation before it must be baked out to remove adsorbed gases. (Consolidated Electrodynamics Corp., Dept. S686)

■ SCALER-RATEMETER combines a ratemeter with a scale-of-100 counter and a four-digit mechanical counter. A digitally indicating timer measures elapsed time to 1000 minutes in hundredths of a minute. A voltage supply for counters and amplifiers is provided. Input sensitivity is 0.25 v, negative pulse. The resolving time of the scaler is 10 μsec for pulse pairs. The ratemeter has ranges 0 to 500, 0 to 5000, and 0 to 50,000 count/min with response time of 15 sec. (Nucleonic Corporation of America, Dept. S693)

■ INSTRUMENTATION CAMERA operating at 2800 frames per second incorporates both a rotating prism and a rotating disk shutter. The rotating prism permits continuous flow of film. Interchangeable disk shutters with openings from 5 to 60 deg are available. Film capacity is 500 ft. (Gordon Enterprises, Dept. S689)

■ ULTRASONIC CLEANER incorporates a self-contained filtering system. The operating frequency is 40 to 44 kcy./sec. Capacity is 1 gal. Circulation of the fluid through the filter begins automatically after a predetermined cleaning period. (Gulton Industries, Inc., Dept. S690)

■ MICROCINEMA APPARATUS for taking motion pictures through the microscope includes platform for microscope and adjustable column and camera supports. A beam-splitter observation eyepiece permits simultaneous observation and photography. The camera swings out of the way for normal use of the microscope. (Rolab Photo-Science Laboratories, Dept. S695)

■ RECHARGEABLE BATTERY is designed specifically for miniature and subminiature electrical and electronic applications. Sintered-plate, nickel-cadmium electrodes are used, and the cell is hermetically sealed and is nongassing upon recharging. Cells are available in 0.25 ma hr and 0.5 ma hr sizes. Nominal voltage is 1.2. Currents up to 15 times nominal can be drawn for short periods of time. The 0.5 ma hr cell is 1⅜ in. in diameter and 5/16 in. thick. (Gulton Industries, Inc., Dept. S697)

JOSHUA STERN
National Bureau of Standards

INDEX OF ADVERTISED PRODUCTS

Classified in the following pages are the products advertised in *Science* in the issues from 26 Oct. 1956 through 18 Oct. 1957. This list is intended to aid laboratory workers in finding the manufacturers of all types of laboratory equipment and supplies. At the end of the classified list is a list of companies that advertised in "The Market Place" section during the period 26 Oct. 1956 through 18 Oct. 1957. An index of advertisers in this issue appears on page 890.

ANALYZERS, RADIATION

Applied Physics Corp.
1957: 15 Feb., 260

ANIMALS, EXPERIMENTAL

Colorado Serum Co.
1957: 3 May, 864
Holtzman Co.
1956: 26 Oct., 866; 23 Nov., 1049; 21 Dec., 1265
1957: 18 Jan., 133; 15 Feb., 321; *15* Mar., 521; 12 Apr., 713; 10 May, 953; 7 June, 1169; 5 July, 45; 2 Aug., 229; 30 Aug., 421; 27 Sept.
Sprague-Dawley, Inc.
1956: 26 Oct., 865; 9 Nov., 953; 23 Nov., 1049; 7 Dec., 1176; 21 Dec., 1265
1957: 4 Jan., 37; 8 Jan., 133; 1 Feb., 209; 15 Feb., 321; 1 Mar., 417; 15 Mar., 521; 29 Mar., 617; 12 Apr., 713; 26 Apr., 857; 10 May, 953; 24 May, 1057; 7 June, 1169; 21 June, 1265; 5 July, 45; 19 July, 141; 2 Aug., 228; 16 Aug., 325; 30 Aug., 421
Taconic Farms
1956: 26 Oct., 865; 9 Nov., 953; 7 Dec., 1177
1957: 15 Feb., 321; 26 Apr., 857; 7 June, 1169; 16 Aug., 325

ANTIBIOTIC SENSITIVITY INDICATORS

Difco Laboratories
1957: 15 Mar., 545; 12 Apr., 714; 7 June, 1164; 5 July, 39; 2 Aug., 221; 30 Aug., 415; 13 Sept., 529; 27 Sept., 623

ARC LAMPS

Rudolph, O. C., & Sons
1956: 26 Oct., 861

AUTOCLAVES

Castle, Wilmot, Co.
1956: 9 Nov., 912
1957: 2 Aug., 220; 20 Sept., 573

BALANCES

Ainsworth, Wm., & Sons, Inc.
1956: 26 Oct., 834; 9 Nov., 948; 7 Dec., 1160
1957: 11 Jan., 82; 8 Feb., 244; 7 Mar., 460; 5 Apr., 659; 3 May, 902; 31 May, 1102; 28 June, 1310; 26 July, 176; 23 Aug., 368; 20 Sept., 572
American Hospital Supply Corp., Scientific Products Div.
1957: 26 Apr., 770
Brinkmann, C. A., & Co., Inc.
1956: 26 Oct., 754; 9 Nov., 955
1957: 1 Mar., 374: 22 Mar., 565
Central Scientific Co.
1956: 26 Oct., 742
Mettler Instrument Corp.
1957: 8 Feb., 251; 3 May, 868; 27 Sept., 594
Scientific Glass Apparatus Co., Inc.
1957: 31 May, 1100
Technical Instrument Co.
1956: 26 Oct., 864
Welch, W. M., Manufacturing Co.
1957: 1 Feb., 206; 3 May, 906; 6 Sept., 464
Will Corp.
1957: 7 June, 1163

BAROMETERS

Central Scientific Co.
1957: 23 Aug., 376

BOOKS AND JOURNALS

Academic Press, Inc.
1956: 26 Oct., 852; 7 Dec., 1165
1957: 26 Apr., 837; 21 June, 1222–1223
American Institute of Biological Sciences
1957: 8 Feb., 250
Anual Reviews, Inc.
1956: 26 Oct., 855; 16 Nov., 993; 7 Dec., 1163
1957: 4 Jan., 38; 15 Feb., 312; 15 Mar., 510; 26 Apr., 843; 10 May, 947; 7 June, 1170; 5 July, 6; 2 Aug., 226; 6 Sept., 428; 4 Oct., 663
Biological Laboratory
1957: 22 Feb., 367
British Information Services
1957: 26 Apr., 846
Cambridge University Press
1956: 16 Nov., 1000
1957: 15 Mar., 517; 19 Apr., 757; 26 Apr., 843
Columbia University Press
1957: 11 Jan., 83; 8 Mar., 462
Consultants Bureau, Inc.
1957: 14 June, 1174; 28 June, 1308; 12 July, 88; 16 Aug., 317; 13 Sept., 528; 27 Sept., 626; 11 Oct., 712; 18 Oct., 762
Cornell University Press
1957: 26 Apr., 839
Cranbrook Institute of Science
1956: 26 Oct., 862
Dover Publications, Inc.
1957: 27 Sept., 591
Falcon's Wing Press
1957: 27 Sept., 623
Harcourt, Brace and Co.
1957: 12 July, 94
Harvard University Press
1957: 22 Mar., 566; 6 Sept., 461
Heath, D. C., & Co.
1956: 7 Dec., 1172
Hoehn, Gustav
1957: 15 Feb., 322
Interscience Publishers, Inc.
1957: 26 Apr., 776–777
Johns Hopkins Press
1957: 22 Feb., 365; 26 Apr., 849
Lea & Febiger
1956: 7 Dec., 1173
1957: 26 Apr., 774
Library of Science
1957: 26 Apr., 779
Little, Brown & Co.
1957: 26 Apr., 845; 17 May, 1003; 27 Sept., 621; 4 Oct., 666
Macmillan Co.
1957: 26 Apr., 783
Macy, Josiah, Jr., Foundation Publications
1957: 26 Apr., 843
Maxwell, I. R., & Co., Ltd.
1957: 26 Apr., 772–773; 12 July, 54
McGraw-Hill Book Co., Inc.
1957: 26 Apr., 835
Ministry of Information and Broadcasting, Old Secretariat, Delhi, India
1957: 25 Jan., 140; 1 Feb., 210
Morrow, William, and Co., Inc.
1956: 26 Oct., 853
Oxford University Press, Inc.
1957: 15 Feb., 260; 26 Apr., 847; 14 June, 1213; 13 Sept., 527
Pantheon Books, Inc.
1957: 17 May, 1004
Pergamon Press
1956: 2 Nov., 907
1957: 8 Feb., 243; 15 Feb., 263; 22 Feb., 370; 3 May, 867; 17 May, 962; 24 May, 1020; 31 May, 1064; 7 June, 1120; 14 June, 1178; 21 June, 1228; 28 June, 1270; 5 July, 8; 6 Sept., 430; 13 Sept., 482; 20 Sept., 542; 27 Sept., 596; 4 Oct., 634; 11 Oct., 680; 18 Oct., 722
Philosophical Library
1956: 26 Oct., 846, 856; 7 Dec., 1169
1957: 26 Apr., 847; 7 June, 1160
Prentice-Hall, Inc.
1956: 9 Nov., 949; 14 Dec., 1227
1957: 18 Jan., 134; 8 Mar., 461; 26 Apr., 784; 11 Oct., 711
Princeton University Press
1957: 11 Jan., 84
Reichner, Herbert
1957: 29 Mar., 576
Reinhold Publishing Corp.
1957: 1 Mar., 379; 26 Apr., 836
Ronald Press Co.
1956: 26 Oct., 856; 9 Nov., 946; 16 Nov., 997
1957: 11 Jan., 81; 15 Mar., 472; 26 Apr., 834; 19 July, 134; 13 Sept., 530
Saunders, W. B., Co.
1956: 9 Nov., 911; 23 Nov., 1007; 7 Dec., 1103
1957: 4 Jan., 3; 1 Feb., 175; 1 Mar., 375; 5 Apr., 623; 12 Apr., 671; 19 Apr., 718; 26 Apr., 767; 3 May, 863; 10 May, 911; 17 May, 959; 24 May, 1015; 7 June, 1111; 5 July, 3; 2 Aug., 187; 13 Sept., 475; 11 Oct., 675
Simon and Schuster, Inc.
1957: 18 Oct., 767
Stanford University Press
1957: 26 Apr., 840

Syracuse University Press
1956: 26 Oct., 863
University of California Press
1956: 26 Oct., 860
University of Michigan Press
1956: 26 Oct., 836
University of Minnesota Press
1956: 7 Dec., 1172
University of Wisconsin Press
1957: 5 July, 39
Van Nostrand, D., Co., Inc.
1957: 1 Mar., 412; 26 Apr., 846; 11 Oct., 679
Wiley, John, & Sons, Inc.
1956: 26 Oct., 839; 16 Nov., 991; 7 Dec., 1110–1111
1957: 11 Jan., 46; 22 Feb., 328; 15 Mar., 509; 26 Apr., 768–769; 11 Oct., 677
Year Book Publishers, Inc.
1957: 10 May, 912

BORERS

Sargent, E. H., & Co.
1956: 26 Oct., 867
1957: 14 June, 1219

BOTTLES

Ace Glass, Inc.
1957: 15 Mar., 513; 30 Aug., 419
Nalge Co., Inc.
1956: 14 Dec., 1222
1957: 18 Jan., 128; 17 May, 1006; 9 Aug., 275
Palo Laboratory Supplies, Inc.
1957: 26 Apr., 780; 4 Oct., 671
Thomas, Arthur H., Co.
1957: 12 July, 96

BURNERS

Central Scientific Co.
1956: 26 Oct., 743
1957: 11 Jan., 87

CAGES, ANIMAL

Williamson Development Co., Inc.
1957: 19 Apr., 759

CAMERAS

American Optical Co., Instrument Div.
1956: 14 Dec., 1228
1957: 18 Jan., 136; 15 Feb., 324; 24 May, 1060; 30 Aug., 424
Brinkmann Instruments, Inc.
1957: 22 Feb., 330; 15 Mar., 510
Eastman Kodak Co.
1956: 9 Nov., 947
1957: 4 Oct., 636
Polaroid Corp.
1957: 19 July, 98–99; 16 Aug., 282–283; 27 Sept., 589

CARBOYS

Nalge Co., Inc.
1956: 14 Dec., 1222
1957: 17 May, 1006; 9 Aug., 275

CATALOGS

Ace Glass, Inc.
1957: 12 Apr., 707; 10 May, 948; 7 June, 1162
Ainsworth, Wm., & Sons, Inc.
1957: 11 Jan., 82; 8 Feb., 244; 5 Apr., 659; 3 May, 902; 28 June, 1310; 26 July, 176; 23 Aug., 368; 20 Sept., 572
Allied Radio
1957: 4 Oct., 666
American Optical Co., Instrument Div.
1956: 26 Oct., 757
1957: 16 Aug., 328
Bausch & Lomb Optical Co.
1956: 26 Oct., 772; 7 Dec., 1124; 21 Dec., 1232
1957: 15 Feb., 270; 1 Mar., 382; 15 Mar., 476; 29 Mar., 578; 3 May, 900; 10 May, 914; 7 June, 1122; 21 June, 1230; 5 July, 10; 19 July, 104; 30 Aug., 380; 13 Sept., 484; 11 Oct., 682
Beckman Instruments, Inc., Scientific Instrument Div.
1956: 26 Oct., 753
Castle, Wilmot, Co.
1957: 15 Feb., 314; 26 Apr., 842; 21 June, 1258
Clay-Adams, Inc.
1956: 21 Dec., 1266
1957: 26 Apr., 854
Coleman Instruments, Inc.
1956: 26 Oct., 840
Colorado Serum Co.
1957: 3 May, 864
Corning Glass Works
1956: 26 Oct., 763; 7 Dec., 1108
1957: 4 Jan., 2; 1 Mar., 376; 3 May, 907; 5 July, 2
Ealing Corp.
1956: 26 Oct., 768
Edmund Scientific Co.
1956: 23 Nov., 1046; 7 Dec., 1158
1957: 4 Jan., 32; 1 Feb., 204; 1 Mar., 412; 5 Apr., 660; 3 May, 896; 12 July, 89; 2 Aug., 222; 6 Sept., 466; 4 Oct., 667
Fisher Scientific Co.
1957: 17 May, 1004
Graf-Apsco Co.
1956: 16 Nov., 960
1957: 19 Apr., 759; 3 May, 897; 10 May, 946; 17 May, 1003; 24 May, 1058; 31 May, 1106; 13 Sept., 523
Kern Laboratory Supply Co.
1957: 3 May, 898; 5 July, 39
Nalge Co., Inc.
1956: 26 Oct., 843; 16 Nov., 996; 14 Dec., 1222
1957: 18 Jan., 128; 15 Feb., 310; 15 Mar., 514; 26 Apr., 844; 17 May, 1006; 9 Aug., 275; 16 Aug., 320; 20 Sept., 574
Nucleonic Corporation of America
1957: 15 Feb., 266
Nutritional Biochemicals Corp.
1956: 26 Oct., 847; 9 Nov., 949; 23 Nov., 1045; 7 Dec., 1163; 28 Dec., 1306
1957: 4 Jan., 33; 18 Jan., 129; 1 Feb., 205; 15 Feb., 311; 1 Mar., 415; 15 Mar., 510; 29 Mar., 618; 12 Apr., 674; 26 Apr., 839; 10 May, 946; 24 May, 1058; 7 June, 1118; 21 June, 1255; 5 July, 6; 19 July, 100; 2 Aug., 226; 16 Aug., 323; 30 Aug., 417; 13 Sept., 480; 27 Sept., 621; 11 Oct., 678
Olympus Optical Instrument Co.
1956: 16 Nov., 997
1957: 4 Jan., 38
Research Equipment Corp.
1956: 9 Nov., 950; 7 Dec., 1171

1957: 4 Jan., 33; 1 Feb., 210; 15 Feb., 258; 5 Apr., 661; 26 Apr., 845; 3 May, 864; 7 June, 1167

Research Specialties Co.
1956: 2 Nov., 872; 16 Nov., 994; 23 Nov., 1045; 21 Dec., 1266
1957: 15 Feb., 311; 22 Feb., 364; 1 Mar., 378; 22 Mar., 570; 29 Mar., 612; 19 Apr., 759; 3 May, 903; 10 May, 948; 17 May, 1003; 31 May, 1103; 7 June, 1118; 28 June, 1311; 5 July, 43; 12 July, 89; 13 Sept., 530

Sigma Chemical Co.
1956: 26 Oct., 853; 7 Dec., 1120; 21 Dec., 1266
1957: 25 Jan., 171; 1 Feb., 206; 8 Feb., 245; 31 May, 1106; 21 June, 1257; 19 July, 131; 16 Aug., 321; 13 Sept., 523

Stoelting, C. H., Co.
1957: 3 May, 906

Synthetical Laboratories
1956: 26 Oct., 857

Thomas, Arthur H., Co.
1957: 20 Sept., 584

Tracerlab, Inc.
1956: 26 Oct., 759
1957: 24 May, 1054; 6 Sept., 461

United Scientific Co.
1956: 30 Nov., 1095; 7 Dec., 1172; 14 Dec., 1184
1957: 15 Feb., 266; 1 Mar., 414; 29 Mar., 575; 26 Apr., 846; 24 May, 1055; 21 June, 1262; 28 June, 1309; 27 Sept., 587; 18 Oct., 760

CATHETOMETERS

Central Scientific Co.
1957: 20 Sept., 538

CENTRIFUGES AND ACCESSORIES

Beckman Instruments, Inc., Spinco Div.
1956: 26 Oct., 767; 28 Dec., 1272
1957: 11 Jan., 45; 25 Jan., 139; 15 Mar., 474; 24 May, 1059; 12 July, 51; 13 Sept., 535; 20 Sept., 541

Clay-Adams, Inc.
1956: 26 Oct., 847
1957: 1 Mar., 378; 23 Aug., 375

Custom Scientific Instruments, Inc.
1956: 26 Oct., 851

International Equipment Co.
1956: 26 Oct., 758; 16 Nov., 959; 7 Dec., 1119
1957: 18 Jan., 93; 15 Feb., 268; 1 Mar., 377; 29 Mar., 574; 26 Apr., 775; 24 May, 1014; 7 June, 1116; 19 July, 143; 27 Sept., 595

Labline, Inc.
1956: 26 Oct., 848

Lourdes Instrument Corp.
1956: 26 Oct., 762; 7 Dec., 1104
1957: 15 Feb., 267; 29 Mar., 615; 12 Apr., 708; 26 Apr., 848; 28 June, 1309; 5 July, 41; 26 July, 179; 16 Aug., 319; 13 Sept., 527; 4 Oct., 666

Nalge Co., Inc.
1956: 26 Oct., 843

Phillips-Drucker, Inc.
1956: 26 Oct., 861

Sorvall, Ivan, Inc.
1956: 26 Oct., 744–745; 23 Nov., 1006; 7 Dec., 1117
1957: 18 Jan., 135; 15 Feb., 256; 22 Mar., 526; 31 May, 1062; 21 June, 2224; 26 July, 147; 20 Sept., 539

Will Corp.
1957: 15 Feb., 317

CHEMICALS, BIOLOGICAL

Agricultural Biologicals Corp.
1957: 19 July, 137
Borden Co., Chemical Div.
1957: 1 Mar., 413; 22 Mar., 570; 19 Apr., 763; 17 May, 1007; 21 June, 1266; 20 Sept., 577; 18 Oct., 763
Clinton Laboratories
1957: 23 Aug., 367
Difco Laboratories
1957: 15 Mar., 545; 12 Apr., 714; 10 May, 951; 7 June, 1164; 5 July, 39; 2 Aug., 221; 30 Aug., 415; 13 Sept., 529; 27 Sept., 623
Eastman Kodak Co.
1957: 9 Aug., 239
Horner, Frank W., Ltd.
1957: 26 July, 179
LaMotte Chemical Products Co.
1956: 26 Oct., 855
Nutritional Biochemicals Corp.
1956: 26 Oct., 847; 9 Nov., 949; 23 Nov., 1045; 7 Dec., 1163; 28 Dec., 1306
1957: 4 Jan., 33; 18 Jan., 129; 1 Feb., 205; 15 Feb., 311; 1 Mar., 415; 15 Mar., 510; 29 Mar., 618; 12 Apr., 674; 26 Apr., 839; 10 May, 946; 24 May, 1058; 7 June, 1118; 21 June, 1255; 5 July, 6; 19 July, 100; 2 Aug., 226; 16 Aug., 323; 30 Aug., 417; 13 Sept., 480; 27 Sept., 621; 11 Oct., 678
Pfaltz & Bauer, Inc.
1956: 26 Oct., 856
Pfizer, Chas., & Co., Inc.
1956: 27 Dec., 1109
Schwarz Laboratories, Inc.
1956: 26 Oct., 841; 16 Nov., 998; 7 Dec., 1166
1957: 18 Jan., 92; 15 Feb., 318; 15 Mar., 519; 26 Apr., 852; 17 May, 1005; 21 June, 1263; 12 July, 91; 9 Aug., 272; 13 Sept., 531
Sigma Chemical Co.
1956: 26 Oct., 853; 7 Dec., 1120; 21 Dec., 1266
1957: 25 Jan., 171; 1 Feb., 206; 8 Feb., 245; 31 May, 1106; 21 June, 1257; 19 July, 131; 16 Aug., 321; 13 Sept., 523; 11 Oct., 713
Winthrop Laboratories
1956: 9 Nov., 914; 7 Dec., 1165
1957: 15 Feb., 309; 22 Mar., 567; 26 Apr., 845; 31 May, 1101; 20 Sept., 580
Worthington Biochemical Corp.
1957: 15 Feb., 315; 22 Feb., 330; 22 Mar., 570; 29 Mar., 612; 5 Apr., 667; 12 Apr., 711; 3 May, 898; 26 July, 180; 2 Aug., 225

CHEMICALS, GENERAL

Arapahoe Chemicals, Inc.
1956: 23 Nov., 1047
Bio-Basic, Inc.
1957: 13 Sept., 530
Borden Co., Chemical Div.
1957: 17 May, 1007; 18 Oct., 763
Eastman Kodak Co.
1956: 7 Dec., 1159
1957: 8 Mar., 424
Fisher Scientific Co.
1957: 12 Apr., 706; 16 Aug., 318; 13 Sept., 530
LaMotte Chemical Products Co.
1956: 26 Oct., 855
Lindsay Chemical Co.
1956: 16 Nov., 958
Lithium Corporation of America, Inc.
1956: 26 Oct., 749

1957: 11 Jan., 43; 26 Apr., 858; 14 June, 1176; 12 July, 95

CHEMICALS, ORGANIC

Eastman Kodak Co.
1957: 4 Jan., 31; 8 Feb., 216; 5 Apr., 624; 3 May, 895; 17 May, 1001; 7 June, 1159; 6 Sept., 429; 4 Oct., 636
Monsanto Chemical Co., Organic Chemicals Div.
1956: 28 Dec., 1270–1271

CHEMICALS, TRACER

Arapahoe Chemicals, Inc.
1957: 12 Apr., 674
Isomet Corp.
1957: 8 Mar., 462
Nuclear-Chicago Corp.
1957: 3 May, 862; 17 May, 961
Research Specialties Co.
1956: 23 Nov., 1045; 28 Dec., 1274
1957: 1 Feb., 207; 29 Mar., 612; 17 May, 1003; 28 June, 1311; 19 July, 133; 9 Aug., 279
Tracerlab, Inc.
1957: 24 May, 1054; 6 Sept., 461

CHROMATOGRAPHY EQUIPMENT

Bio-Basic, Inc.
1957: 13 Sept., 530
Microchemical Specialties Co.
1956: 26 Oct., 866; 16 Nov., 1001; 7 Dec., 1177
1957: 22 Feb., 369; 22 Mar., 569; 5 Apr., 665; 21 June, 1265; 19 July, 142; 2 Aug., 229
Packard Instrument Co.
1956: 23 Nov., 1042
1957: 11 Jan., 80; 26 Apr., 838; 24 May, 1052; 14 June, 1212
Photovolt Corp.
1956: 26 Oct., 845; 16 Nov., 993; 30 Nov., 1099; 21 Dec., 1261
1957: 4 Jan., 33; 8 Feb., 245; 1 Mar., 413; 29 Mar., 612; 12 Apr., 711; 10 May, 951; 31 May, 1106; 14 June, 1211; 12 July, 94; 9 Aug., 279; 30 Aug., 417; 6 Sept., 464; 4 Oct., 665
Podbielniak, Inc.
1956: 7 Dec., 1102, 1122
Research Equipment Corp.
1956: 26 Oct., 847; 9 Nov., 950; 7 Dec., 1171
1957: 4 Jan., 33; 1 Feb., 210; 15 Feb., 258; 1 Mar., 413; 5 Apr., 661; 26 Apr., 845; 3 May, 864; 7 June, 1167
Research Specialties Co.
1956: 2 Nov., 872; 21 Dec., 1266
1957: 25 Jan., 171; 1 Mar., 378; 22 Mar., 570; 19 Apr., 759; 7 June, 1118; 23 Aug., 332; 6 Sept., 462
Schaar and Co.
1956: 2 Nov., 870
Thomas, Arthur H., Co.
1957: 12 July, 96; 4 Oct., 672
Tracerlab, Inc.
1957: 9 Aug., 235
Wilkens Instrument & Research, Inc.
1957: 19 July, 133

CLEANSERS

Alconox, Inc.
1956: 26 Oct., 836
1957: 18 Jan., 130; 22 Mar., 566; 13 Sept., 476

Fish-Schurman Corp.
1957: 19 July, 133

FLASKS

Ace Glass, Inc.
1957: 15 Mar., 513
Corning Glass Works
1957: 6 Sept., 432
Palo Laboratory Supplies, Inc.
1957: 13 Sept., 527

FLOW TEST KIT

Ace Glass, Inc.
1957: 2 Aug., 223

FLUID DISPENSERS

Palo Laboratory Supplies, Inc.
1957: 26 Apr., 780; 4 Oct., 671

FLUOROMETERS

Coleman Instruments, Inc.
1957: 3 May, 897; 2 Aug., 226
Farrand Optical Co., Inc.
1957: 11 Jan., 44; 12 Apr., 709
Klett Manufacturing Co.
1956: 30 Nov., 1099
1957: 11 Jan., 86; 22 Feb., 367; 5 Apr., 667; 17 May, 1007; 28 June, 1309; 9 Aug., 273; 20 Sept., 571
Photovolt Corp.
1956: 26 Oct., 845; 9 Nov., 951; 23 Nov., 1043; 7 Dec., 1165; 28 Dec., 1306
1957: 11 Jan., 81; 25 Jan., 171; 22 Feb., 330; 8 Mar., 426; 5 Apr., 666; 3 May, 903; 7 June, 1170; 5 July, 43; 2 Aug., 221; 27 Sept., 620; 18 Oct., 763

FRACTIONATORS

E-C Apparatus Co.
1956: 26 Oct., 850
1957: 15 Feb., 264; 30 Aug., 416

FRACTION COLLECTORS

Aloe, A. S., Co., Aloe Scientific Div.
1956: 7 Dec., 1161
1957: 6 Sept., 428
Packard Instrument Co.
1956: 26 Oct., 837; 23 Nov., 1042; 7 Dec., 1162
1957: 11 Jan., 80; 15 Feb., 319; 26 Apr., 838; 24 May, 1052; 14 June, 1212
Research Equipment Corp.
1956: 26 Oct., 847
1957: 1 Feb., 210; 7 June, 1167
Research Specialties Co., Reco Div.
1957: 30 Aug., 415; 20 Sept., 577; 18 Oct., 761
Schaar and Co.
1956: 2 Nov., 870
1957: 18 Jan., 131

FREEZING EQUIPMENT

American Instrument Co., Inc.
1957: 15 Feb., 255
Custom Scientific Instruments, Inc.
1956: 26 Oct., 851
National Research Corp., NRC Equipment Corp.
1956: 26 Oct., 833
Will Corp.
1957: 15 Feb., 317

FUNNELS

Ace Glass, Inc.
1957: 7 June, 1162
American Hospital Supply Corp., Scientific Products Div.
1957: 9 Aug., 236
Corning Glass Works
1956: 7 Dec., 1107
1957: 5 July, 2
Nalge Co., Inc.
1956: 26 Oct., 843
1957: 14 June, 1215

FURNACES

Brinkmann Instruments, Inc.
1956: 23 Nov., 1043
National Research Corp., NRC Equipment Corp.
1956: 26 Oct., 833
1957: 6 Sept., 462
Pereny Equipment Co.
1957: 22 Mar., 567; 19 Apr., 757; 17 May, 1010; 14 June, 1211; 12 July, 87; 9 Aug., 274; 6 Sept., 428; 4 Oct., 661
Thermo Electric Manufacturing Co.
1957: 15 Feb., 322

FURNACES, SOLAR ENERGY

Edmund Scientific Co.
1957: 7 June, 1166; 12 July, 89; 2 Aug., 222; 6 Sept., 466; 4 Oct., 667

FURNITURE, LABORATORY

Blickman, S.
1957: 19 Apr., 720; 21 June, 1226; 18 Oct., 759
Brinkmann, C. A., & Co.
1957: 22 Mar., 565
Fisher Scientific Co.
1957: 17 May, 1004; 4 Oct., 667
New Brunswick Scientific Co.
1957: 24 May, 1053; 27 Sept., 623
Research Specialties Co.
1957: 8 Feb., 246; 12 Apr., 706; 14 June, 1218
Standard Scientific Supply Corp.
1957: 17 May, 1002
Technicon Co.
1956: 26 Oct., 845; 16 Nov., 993; 7 Dec., 1120; 28 Dec., 1274
1957: 18 Jan., 94; 15 Feb., 307; 15 Mar., 522; 12 Apr., 674; 10 May, 951

GAS-ANALYSIS APPARATUS

National Research Corp., NRC Equipment Div.
1956: 26 Oct., 833
Perkin-Elmer Corp.
1956: 26 Oct., 770

GAUGES

Ace Glass, Inc.
1957: 5 July, 41

GENERATORS

Edmund Scientific Corp.
1956: 26 Oct., 842; 23 Nov., 1046; 7 Dec., 1158
1957: 4 Jan., 32

General Ultrasonics Co.
1956: 26 Oct., 746
Philips Electronics, Inc., Instruments Div.
1957: 20 Sept., 583

GLASSWARE AND ACCESSORIES

Ace Glass, Inc.
1957: 15 Feb., 313; 10 May, 948; 7 June, 1162; 27 Sept., 624
Corning Glass Works
1956: 26 Oct., 763; 7 Dec., 1108
1957: 4 Jan., 2; 1 Mar., 376; 3 May, 907; 5 July, 2; 6 Sept., 432
Fisher Scientific Co.
1956: 26 Oct., 835
Kern Laboratory Supply Co.
1957: 3 May, 898; 5 July, 39
Klett Manufacturing Co.
1956: 2 Nov., 872; 16 Nov., 997; 30 Nov., 1099; 14 Dec., 1184; 28 Dec., 1306
1957: 11 Jan., 86; 25 Jan., 140; 8 Feb., 247; 22 Feb., 367; 8 Mar., 461; 22 Mar., 567; 5 Apr., 667; 19 Apr., 756; 3 May, 897; 17 May, 1007; 31 May, 1104; 14 June, 1218; 28 June, 1309; 12 July, 87; 26 July, 177; 9 Aug., 273; 23 Aug., 375; 6 Sept., 462; 20 Sept., 571; 4 Oct., 668; 18 Oct., 761
Kontes Glass Co.
1956: 26 Oct., 748
Palo Laboratory Supplies, Inc.
1957: 26 Apr., 780; 4 Oct., 671
Research Specialties Co.
1956: 2 Nov., 872; 21 Dec., 1266
1957: 25 Jan., 171; 1 Mar., 378; 22 Mar., 570; 7 June, 1118
Scientific Glass Apparatus Co., Inc.
1957: 6 Sept., 465
Standard Scientific Supply Corp.
1957: 19 July, 132
Thomas, Arthur H., Co.
1957: 20 Sept., 584

GRADUATES

Corning Glass Works
1957: 3 May, 907
Nalge Co., Inc.
1957: 15 Feb., 310; 26 Apr., 844

GREASES

Biddle, James G., Co.
1956: 14 Dec., 1227
1957: 8 Mar., 461; 13 Sept., 524

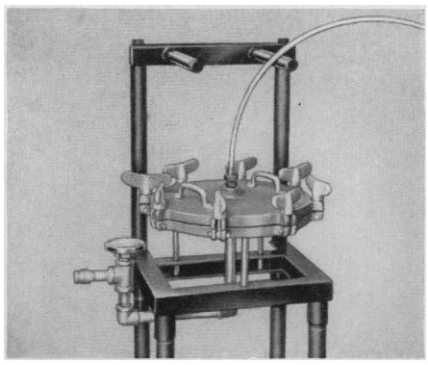
HEATERS

Biochemical Associates
1956: 26 Oct., 863
Fisher Scientific Co.
1956: 26 Oct., 835
Research Specialties Co.
1957: 15 Feb., 311; 3 May, 903; 5 July, 43
Thermo Electric Manufacturing Co.
1957: 26 Apr., 840; 11 Oct., 710

HOT PLATES

Research Specialties Co.
1957: 15 Feb., 311; 3 May, 903; 5 July, 43
Thermo Electric Manufacturing Co.
1957: 29 Mar., 610; 21 June, 1262; 13 Sept., 526

NEW PRODUCT



BARNSTEAD "MF" SUBMICRON FILTER FOR REMOVAL OF PARTICLES TO 0.45 MICRON

This new Barnstead "MF" Submicron Filter for either distilled or demineralized water, has been developed to remove submicroscopic particulate matter which may cause trouble in some of the new processes in electronic and nucleonic fields. The Barnstead "MF" Submicron Filter will filter out particles as small as .000016 inches, thus permitting a filtering technique not before possible on a production basis.

Each Barnstead "MF" Filter plate can filter up to 100 gallons per hour. Multiple plates can be employed to obtain larger flow rates.

Write for new bulletin #141 to the Barnstead Still & Demineralizer Company, 14 Lanesville Terrace, Boston 31, Massachusetts.

LABORATORY EQUIPMENT

- **SPECTROSCOPIC EQUIPMENT**
  - Constant deviation spectroscopes
  - Monochromators
  - Kirchoff-Bunsen spectroscopes
  - Student's spectroscopes
  - Spectrometers
  - Glass-type spectrographs
  - Accessories for spectroscopic equipment
  - Pocket spectroscopes
- **TENSIOMETERS**
  - Lecomte du Noüy Model Interfacial-Tensiometer, Lecomte du Noüy, for measuring surface tension of liquids. Direct reading. ASTM Specs.
- **PHOTOMETERS**
  - Globe type
- **COMPARATORS**
  - For quickly studying the fine structure and diagram of x-ray films.

NEW METEOROLOGICAL INSTRUMENTS

- **POLLUTION SAMPLER, RECORDING TYPE**
- **OZONE RADIO SONDE**
- **RECORDING BALLOON THEODOLITE**
- **CLOUD HEIGHT AUTOMATIC RECORDER**
- **PORTABLE HYDROGEN GAS GENERATORS**

All the laboratory instruments offered have been accepted by leading institutions world-wide and are guaranteed as to quality and workmanship. The meteorological instruments listed above are of advanced design—have been fully field tested and are now in use everywhere with installations giving excellent service even in Arctic and Tropical regions. Literature available upon request.

Kahl Scientific Instrument Corp.
El Cajon (San Diego) Calif.

HUMIDITY CONTROLLERS

Niagara Blower Co.
1957: 11 Jan., 83; 3 May, 900; 28 June, 1312; 23 Aug., 369

ILLUMINATORS

American Optical Co., Instrument Div.
1957: 1 Feb., 212; 12 Apr., 716; 13 Sept., 536
Bausch & Lomb Optical Co.
1956: 7 Dec., 1124; 21 Dec., 1232
1957: 10 May, 914
Beeber, J., Co., Inc.
1957: 15 Feb., 322

INCUBATORS

Central Scientific Co.
1956: 16 Nov., 961
1957: 26 July, 184
New Brunswick Scientific Co.
1957: 10 May, 945

KJELDAHL APPARATUS

Thomas, Arthur H., Co.
1957: 3 May, 908

KYMOGRAPHS

Harvard Apparatus Co., Inc.
1957: 12 Apr., 672
Phipps & Bird, Inc.
1957: 22 Feb., 365; 14 June, 1211; 21 June, 1259; 19 July, 131; 26 July, 183; 6 Sept., 471; 13 Sept., 524; 20 Sept., 575; 27 Sept., 621

LABORATORY GLAND

Smith, Arthur F., Co.
1957: 27 Sept., 593

LABORATORY JACK

Central Scientific Co.
1956: 26 Oct., 742

LABORATORY MILL

Thomas, Arthur H., Co.
1957: 8 Feb., 252

LABORATORY PRESS

Carver, Fred S., Inc.
1956: 7 Dec., 1171

LABORATORY SUPPLIES

Ace Glass, Inc.
1957: 15 Feb., 313; 27 Sept., 624
Clay-Adams, Inc.
1956: 30 Nov., 1056
1957: 15 Feb., 312; 26 July, 177
Fisher Scientific Co.
1957: 14 June, 1213; 19 July, 134; 16 Aug., 318
Lennard, P. M., Co., Inc.
1956: 26 Oct., 860
Schaar & Co.
1957: 20 Sept., 573
Standard Scientific Supply Corp.
1957: 15 Feb., 308
Thomas, Arthur H., Co.
1956: 26 Oct., 868; 7 Dec., 1180
1957: 11 Jan., 88

LABORATORY SUPPLIES, PLASTIC

Ace Glass, Inc.
1957: 15 Mar., 513; 30 Aug., 419
American Hospital Supply Corp., Scientific Products Div.
1957: 9 Aug., 236
Linbro Chemical Co., Inc.
1956: 26 Oct., 766; 9 Nov., 912
1957: 11 Jan., 86; 24 May, 1018
Nalge Co., Inc.
1956: 26 Oct., 843; 14 Dec., 1222
1957: 18 Jan., 128; 26 Apr., 844; 17 May, 1006; 14 June, 1215; 19 July, 136; 9 Aug., 275; 20 Sept., 574
Palo Laboratory Supplies, Inc.
1957: 13 Sept., 527
Scientific Glass Apparatus Co., Inc.
1957: 14 June, 1175
Standard Scientific Supply Corp.
1957: 26 Apr., 850

LIGHT ADAPTER

American Speedlight Corp.
1957: 5 Apr., 662; 17 May, 1000; 21 June, 1261; 26 July, 178

MACROSCOPES

Bausch & Lomb Optical Co.
1956: 26 Oct., 772; 9 Nov., 918; 23 Nov., 1010
1957: 26 Apr., 786; 6 Sept., 461

MANOMETERS

Will Corp., Bronwill Scientific Div.
1957: 3 May, 899; 7 June, 1165

MERCURY VAPOR DETECTOR

Kruger, Harold, Instruments
1957: 7 June, 1162; 6 Sept., 466

METEOROLOGICAL INSTRUMENTS

Kahl Scientific Instrument Corp.
1957: 11 Oct., 710

MICROANALYSIS EQUIPMENT

Aloe, A. S., Co., Aloe Scientific Div.
1957: 5 Apr., 667; 3 May, 866; 2 Aug., 221
Micro-Metric Instrument Co.
1956: 7 Dec., 1118
1957: 15 Feb., 264; 12 Apr., 714; 9 Aug., 273; 13 Sept., 524
Synthetical Laboratories
1956: 26 Oct., 857
Thomas, Arthur H., Co.
1957: 5 Apr., 668

MICROBIOLOGICAL EQUIPMENT

Bellco Glass, Inc.
1957: 17 May, 1012
Biological Institute
1957: 15 Feb., 264
Blickman, S., Inc.
1957: 19 Apr., 720; 21 June, 1226; 18 Oct., 759
Brinkmann Instruments, Inc.
1957: 18 Jan., 131; 15 Feb., 312
Kontes Glass Co.
1956: 26 Oct., 748
Linbro Chemical Co., Inc.
1956: 9 Nov., 912
1957: 11 Jan., 86; 24 May, 1018
New Brunswick Scientific Co.
1957: 24 May, 1053; 27 Sept., 623
Standard Scientific Supply Corp.
1957: 26 Apr., 850
Thomas, Arthur H., Co.
1957: 3 May, 908
Worthington Biochemical Corp.
1956: 26 Oct., 769; 9 Nov., 916; 23 Nov., 1051; 7 Dec., 1106; 21 Dec., 1230
1957: 4 Jan., 4; 18 Jan., 96

MICROBIOLOGICAL MEDIA

American Hospital Supply Corp., Scientific Products Div.
1957: 15 Feb., 259
Colorado Serum Co.
1957: 3 May, 864
Difco Laboratories
1956: 26 Oct., 851; 23 Nov., 1043; 21 Dec., 1261
1957: 18 Jan., 94; 15 Feb., 307; 15 Mar., 515; 12 Apr., 714; 10 May, 951; 7 June, 1164; 5 July, 39; 2 Aug., 221; 30 Aug., 415; 13 Sept., 529; 27 Sept., 623
Hyland Laboratories
1957: 18 Jan., 127; 15 Mar., 511; 10 May, 949; 13 Sept., 525

MICROMANIPULATORS

Aloe, A. S., Co., Aloe Scientific Div.
1957: 5 Apr., 667; 3 May, 866; 2 Aug., 221
American Optical Co., Instrument Div.
1957: 19 July, 144
Brinkmann Instruments, Inc.
1956: 16 Nov., 960
1957: 20 Sept., 571
Leitz, E., Inc.
1956: 9 Nov., 913; 21 Dec., 1268
1957: 1 Feb., 174; 29 Mar., 619; 10 May, 910; 5 July, 47; 13 Sept., 477

MICROPRINT READERS

MICRORADIOGRAPHIC EQUIPMENT

MICROSCOPE ACCESSORIES

MICROSCOPES

MICROSCOPES, ELECTRON

MICROSCOPES, FLUORESCENCE

MICROSCOPES, INTERFERENCE

MICROSCOPES, PHASE

MICROSCOPES, STEREO

Mar., 620; 26 Apr., 860; 7 June, 1172; 2 Aug., 232; 27 Sept., 632
Bausch & Lomb Optical Co.
1957: 12 Apr., 678; 26 Apr., 786; 16 Aug., 286
Edmund Scientific Co.
1957: 4 Jan., 32; 1 Feb., 204; 1 Mar., 412; 5 Apr., 660; 3 May, 896; 7 June, 1166; 12 July, 89; 2 Aug., 222; 6 Sept., 466; 4 Oct., 667
United Scientific Co.
1956: 26 Oct., 747; 7 Dec., 1113
1957: 29 Mar., 575

MICROSCOPES, STUDENT

Edmund Scientific Corp.
1956: 26 Oct., 842; 23 Nov., 1046; 7 Dec., 1158
1957: 5 Apr., 660; 3 May, 896
Graf-Apsco Co.
1957: 1 Feb., 207; 8 Mar., 463; 22 Mar., 570; 5 Apr., 663; 19 Apr., 759; 3 May, 897; 10 May, 946; 24 May, 1058; 31 May, 1106; 13 Sept., 523; 4 Oct., 661
Leitz, E., Inc.
1956: 7 Dec., 1105
1957: 15 Feb., 257; 2 Aug., 188; 16 Aug., 284; 30 Aug., 423
Olympus Optical Instrument Co.
1956: 26 Oct., 760

MICROTOMES AND ACCESSORIES

Aloe, A. S., Co., Aloe Scientific Div.
1957: 1 Mar., 378; 7 June, 1167; 5 July, 46; 4 Oct., 660
Brinkmann, C. A., & Co., Inc.
1957: 8 Feb., 245; 6 Sept., 471
Erb & Gray Scientific
1957: 30 Aug., 415; 18 Oct., 761
Monroe Microscope Service
1957: 27 Sept., 624
Research Specialties Co.
1956: 26 Oct., 857; 30 Nov., 1099
1957: 4 Jan., 35; 8 Mar., 426; 26 Apr., 854; 21 June, 1257
Sorvall, Ivan, Inc.
1956: 26 Oct., 844; 7 Dec., 1117
1957: 26 Apr., 858; 23 Aug., 375

MIXERS

Fisher Scientific Co.
1957: 19 July, 134
Lourdes Instrument Corp.
1956: 26 Oct., 762
Sorvall, Ivan, Inc.
1956: 7 Dec., 1117
1957: 15 Feb., 256; 21 June, 1224

MOISTURE DETERMINATORS

Central Scientific Co.
1956: 26 Oct., 742
1957: 8 Mar., 467

MONOCHROMATORS

Bausch & Lomb Optical Co.
1957: 10 May, 914; 5 July, 10; 13 Sept., 484
Farrand Optical Co., Inc.
1957: 15 Mar., 522; 7 June, 1118

Photovolt Corp.
1956: 14 Dec., 1184
1957: 1 Feb., 205; 15 Mar., 517; 26 Apr., 851; 24 May, 1053; 28 June, 1309; 26 July, 179; 23 Aug., 332

NEPHELOMETERS

Coleman Instruments, Inc.
1956: 23 Nov., 1044
1957: 12 Apr., 707; 27 Sept., 625
Klett Manufacturing Co.
1956: 16 Nov., 997; 28 Dec., 1306
1957: 8 Feb., 247; 22 Mar., 567; 3 May, 897; 14 June, 1218; 26 July, 177; 6 Sept., 462; 18 Oct., 761

NITROGEN ANALYZER

Aloe, A. S., Co., Aloe Scientific Div.
1956: 26 Oct., 768
Custom Engineering & Development Co.
1956: 26 Oct., 863

OILS

Biddle, James G., Co.
1956: 14 Dec., 1227
1957: 8 Mar., 461; 13 Sept., 524

OPTICAL CRYSTALS

Isomet Corp.
1957: 26 Apr., 839

OSCILLOSCOPES

American Electronic Laboratories
1957: 6 Sept., 466
Hickok Electrical Instrument Co.
1957: 13 Sept., 523
Hughes Products
1957: 3 May, 865; 5 July, 5
Sanborn Co.
1957: 15 Mar. 473; 12 Apr., 676; 5 July, 7; 2 Aug., 186; 30 Aug., 378; 27 Sept., 592
Stoelting, C. H., Co.
1957: 6 Sept., 464; 20 Sept., 578; 4 Oct., 665

OVENS

Central Scientific Co.
1956: 26 Oct., 743
1957: 5 Apr., 622
Research Equipment Corp.
1956: 7 Dec., 1171
Schaar and Co.
1957: 19 Apr., 763
Thomas, Arthur H., Co.
1957: 14 June, 1220

PERIODIC CHART OF THE ATOMS

Welch, W. M., Manufacturing Co.
1957: 5 Apr., 661; 26 July, 183

PETRI DISHES

Standard Scientific Supply Corp.
1957: 26 Apr., 850; 14 June, 1175

*p*H INDICATORS

Cambridge Instrument Co., Inc.
1957: 15 Feb., 315
Eastman Kodak Co.
1957: 8 Feb., 216

Photovolt Corp.
1957: 6 Sept., 464; 20 Sept., 577; 11 Oct., 716
Polorad Electronics Corp., Scientific Instruments Div.
1956: 26 Oct., 750; 16 Nov., 1003
1957: 7 June, 1161
Scientific Glass Apparatus Co., Inc.
1957: 25 Jan., 172; 22 Feb., 366

PHOTOGRAPHIC EQUIPMENT

Eastman Kodak Co.
1956: 7 Dec., 1159
1957: 8 Mar., 424; 3 May, 895; 7 June, 1159
Polaroid Corp.
1957: 19 July, 98–99; 16 Aug., 282–283; 27 Sept., 589

PHOTOMACROGRAPHIC EQUIPMENT

American Optical Co., Instrument Div.
1956: 14 Dec., 1228
1957: 18 Jan., 136; 15 Feb., 324; 24 May, 1060; 30 Aug., 424
American Speedlight Corp.
1957: 5 Apr., 662; 17 May, 1000; 21 June, 1261; 26 July, 178
Will Corp.
1957: 26 Apr., 841

PHOTOMETERS

Biddle, James G., Co.
1957: 10 May, 947
Farrand Optical Co., Inc.
1957: 10 May, 945; 9 Aug., 279
Fisher Scientific Co.
1957: 18 Jan., 130; 15 Mar., 518
Jarrell-Ash Co.
1956: 26 Oct., 764
Kahl Scientific Instrument Corp.
1957: 11 Oct., 710
Standard Scientific Supply Corp.
1956: 30 Nov., 1054

PHOTOMETERS, EXPOSURE

Brinkmann Instruments, Inc.
1956: 30 Nov., 1056
1957: 17 May, 1010
Photovolt Corp.
1956: 2 Nov., 870
1957: 18 Jan., 129; 15 Feb., 307; 22 Mar., 567; 19 Apr., 759; 17 May, 1007; 21 June, 1259; 19 July, 137; 16 Aug., 323; 13 Sept., 529

PHOTOMICROGRAPHIC EQUIPMENT

American Optical Co., Instrument Div.
1956: 14 Dec., 1228
1957: 18 Jan., 136; 15 Feb., 324; 24 May, 1060; 30 Aug., 424
American Speedlight Corp.
1957: 5 Apr., 662; 17 May, 1000; 21 June, 1261; 26 July, 178
Bausch & Lomb Optical Co.
1957: 29 Mar., 578; 26 Apr., 786; 3 May, 900; 10 May, 914; 4 Oct., 667; 11 Oct., 682
Brinkmann Instruments, Inc.
1956: 30 Nov., 1056
1957: 22 Feb., 330; 15 Mar., 510; 17 May, 1010
Leitz, E., Inc.
1957: 27 Sept., 588; 11 Oct., 676
Photovolt Corp.
1956: 2 Nov., 870
1957: 18 Jan., 129; 15 Feb., 307; 22 Mar., 567; 19 Apr., 759; 17 May, 1007; 21 June, 1259; 19 July, 137; 16 Aug., 323; 13 Sept., 529
United Scientific Co.
1956: 26 Oct., 747; 7 Dec., 1113
1957: 29 Mar., 575; 27 Sept., 587
Will Corp.
1957: 26 Apr., 841
Zeiss, Carl, Inc.
1956: 7 Dec., 1114
1957: 4 Jan., 39; 26 July, 150; 6 Sept., 426

PIPE HEATERS

Standard Scientific Supply Corp.
1957: 29 Mar., 613

PIPETTES AND ACCESSORIES

Brinkmann Instruments, Inc.
1956: 16 Nov., 960
Clay-Adams, Inc.
1957: 25 Jan., 140; 24 May, 1018
Corning Glass Works
1957: 6 Sept., 432
Delmar Scientific Laboratories
1957: 18 Jan., 134; 15 Feb., 315; 19 Apr., 757

1957: 25 Jan., 165; 19 Apr., insert; 27 Sept., 586

Packard Instrument Co.
1956: 26 Oct., 837; 7 Dec., 1162
1957: 15 Feb., 319; 10 May, 948; 7 June, 1158

Philips Electronics, Inc., Instruments Div.
1957: 11 Oct., 719

Tracerlab, Inc.
1957: 25 Jan., 138; 22 Feb., 371; 19 Apr., 764; 17 May, 1011; 12 July, 52; 9 Aug., 235; 6 Sept., 472

RADIATION RESEARCH EQUIPMENT

Blickman, S., Inc.
1957: 15 Feb., 323

Borg-Warner Corp., BJ Electronics
1957: 18 Oct., 763

Nuclear-Chicago Corp.
1957: 19 Apr., insert

Packard Instrument Co.
1957: 10 May, 948

Tracerlab, Inc.
1957: 22 Mar., 530; 17 May, 1011

RARE EARTHS

Lindsay Chemical Co.
1957: 18 Jan., 90; 15 Mar., 523; 26 Apr., 778; 17 May, 960; 19 July, 102; 20 Sept., 540

RECORDERS, GRAPHIC

Moseley, F. L., Co.
1957: 12 Apr., 710

Photovolt Corp.
1957: 20 Sept., 577; 11 Oct., 716

Sargent, E. H., & Co.
1957: 26 Apr., 782; 17 May, 958

Stoelting, C. H., Co.
1957: 3 May, 906; 21 June, 1255; 6 Sept., 464; 20 Sept., 578; 4 Oct., 665

Varian Associates, Special Products Div.
1956: 30 Nov., 1095; 14 Dec., 1224
1957: 7 June, 1117; 5 July, 4; 27 Sept., 590

RECORDING EQUIPMENT, BIOPHYSICAL

American Electronic Laboratories, Inc.
1957: 6 Sept., 466; 13 Sept., 480

American Hospital Supply Corp., Scientific Products Div.
1956: 26 Oct., 756

Gilson Medical Electronics
1957: 14 June, 1210

Phipps & Bird, Inc.
1957: 26 Apr., 851; 3 May, 903

Sanborn Co.
1957: 15 Mar., 473; 12 Apr., 676; 10 May, 955; 7 June, 1114; 5 July, 7; 2 Aug., 186; 30 Aug., 378; 27 Sept., 592

Yellow Springs Instrument Co., Inc.
1956: 26 Oct., 840
1957: 15 Feb., 306

REFRACTORS

Laszlo, S. E.
1957: 18 Jan., 92; 15 Feb., 322

RHEOSTATS

Biddle, James G., Co.
1957: 12 Apr., 714

ROTATORS

Clay-Adams, Inc.
1957: 5 Apr., 666; 28 June, 1313; 20 Sept., 571

SCALES

Welch, W. M., Manufacturing Co.
1957: 5 July, 6

SHAKERS

Blue M Electric Co.
1957: 10 May, 950

Central Scientific Co.
1956: 26 Oct., 742
Clay-Adams, Inc.
1957: 5 Apr., 666; 28 June, 1313; 20 Sept., 571
Eberbach Corp.
1956: 2 Nov., 870; 16 Nov., 960
Fisher Scientific Co.
1957: 19 July, 134
New Brunswick Scientific Co.
1956: 26 Oct., 853; 30 Nov., 1056; 28 Dec., 1274
1957: 11 Jan., 44; 22 Feb., 367; 8 Mar., 426; 12 Apr., 714; 10 May, 945; 7 June, 1161; 21 June, 1266; 13 Sept., 532; 11 Oct., 678

Research Specialties Co.
1956: 9 Nov., 914; 7 Dec., 1161
1957: 11 Jan., 81; 5 Apr., 663; 24 May, 1058; 26 July, 177; 2 Aug., 225; 16 Aug., 323
Schaar and Co.
1957: 4 Oct., 661
Standard Scientific Supply Corp.
1957: 25 Jan., 166

SKELETON, MODEL

Welch, W. M., Manufacturing Co.
1956: 7 Dec., 1118
1957: 7 June, 1161; 4 Oct., 663

SPECTROMETERS

Biddle, James G., Co.
1957: 18 Jan., 134
Ealing Corp.
1956: 26 Oct., 768
Farrand Optical Co., Inc.
1957: 7 June, 1118
Jarrell-Ash Co.
1956: 26 Oct., 764
Kahl Scientific Instrument Corp.
1957: 11 Oct., 710
Nuclear Instrument and Chemical Corp.
1956: 26 Oct., 755
1957: 22 Mar., 527
Packard Instrument Co.
1956: 26 Oct., 837; 7 Dec., 1162
1957: 15 Feb., 319; 15 Mar., 513; 10 May, 948; 7 June, 1158; 27 Sept., 624
Perkin-Elmer Corp., Instrument Div.
1957: 22 Mar., 572
Tracerlab, Inc.
1956: 26 Oct., 759
1957: 14 June, 1177
Varian Associates, Instrument Div.
1956: 28 Dec., 1307
1957: 25 Jan., 142; 22 Feb., 327; 22 Mar., 528; 12 Apr., 675; 24 May, 1016; 21 June, 1267; 26 July, 146; 16 Aug., 327; 27 Sept., 631

SPECTROPHOTOMETERS AND ACCESSORIES

Applied Physics Corp.
1957: 15 Feb., 260
Beckman Instruments, Inc., Scientific Instrument Div.
1956: 26 Oct., 753
1957: 8 Mar., 423; 17 May, 964; 7 June, 1171; 13 Sept., 479
Biddle, James G., Co.
1957: 10 May, 947
Coleman Instruments, Inc.
1957: 15 Feb., 316; 24 May, 1055; 14 June, 1218; 13 Sept., 526; 11 Oct., 710
Perkin-Elmer Corp., Instrument Div.
1956: 16 Nov., 995; 7 Dec., 1179
1957: 1 Feb., 211; 8 Mar., 422; 31 May, 1066; 7 June, 1112; 2 Aug., 231
Standard Scientific Supply Corp.
1956: 30 Nov., 1054
Thomas, Arthur H., Co.
1957: 9 Aug., 280
Zeiss, Carl, Inc.
1957: 15 Feb., 265; 23 Aug., 334

STERILIZERS

Castle, Wilmot, Co.
1957: 15 Feb. 314; 26 Apr., 842; 21 June, 1258
Standard Scientific Supply Corp.
1956: 7 Dec., 1112

STILLS

Smith, Arthur F., Co.
1957: 4 Oct., 664

STIMULATORS

American Electronic Laboratories, Inc.
1957: 4 Jan., 6; 18 Jan., 95; 6 Sept., 466

STIRRERS

Ace Glass, Inc.
1957: 10 May, 948
Central Scientific Co.
1956: 26 Oct., 742
Fisher Scientific Co.
1957: 19 July, 134

SYRINGE DRIVERS

Phipps & Bird, Inc.
1957: 21 June, 1255; 28 June, 1311; 27 Sept., 621; 18 Oct., 764

TELESCOPES

Edmund Scientific Corp.
1956: 26 Oct., 842; 23 Nov., 1046; 7 Dec., 1158
1957: 4 Jan., 32; 1 Feb., 204; 1 Mar., 412; 5 Apr., 660; 3 May, 896; 7 June, 1166; 12 July, 89; 2 Aug., 222; 6 Sept., 466; 4 Oct., 667
Fecker, J. W., Inc.
1957: 5 July, 40; 2 Aug., 224; 16 Aug., 322; 30 Aug., 414; 27 Sept., 622; 4 Oct., 662; 11 Oct., 714
United Scientific Co.
1956: 16 Nov., 994; 30 Nov., 1095; 7 Dec., 1172; 14 Dec., 1184
1957: 28 June, 1309

THERMOMETERS

Ace Glass, Inc.
1957: 12 Apr., 707
Sargent, E. H., & Co.
1957: 22 Feb., 372
Yellow Springs Instrument Co., Inc.
1956: 26 Oct., 840
1957: 15 Feb., 306

TIMERS

Standard Scientific Supply Corp.
1957: 21 June, 1256

TITRATION EQUIPMENT

Bach-Simpson, Ltd.
1956: 26 Oct., 752
Central Scientific Co.
1956: 26 Oct., 743
Linbro Chemical Co., Inc.
1956: 26 Oct., 766; 9 Nov., 912
1957: 11 Jan., 86; 15 Mar., 472; 24 May, 1018
Polarad Electronics Corp., Scientific Instruments Div.
1956: 26 Oct., 750; 16 Nov., 1003; 7 Dec., 1116
1957: 7 June, 1161; 4 Oct., 668
Sargent, E. H., & Co.
1957: 12 July, 53

TOOL KIT

Standard Scientific Supply Corp.
1956: 26 Oct., 761

TRANSPARENCIES

Polaroid Corp.
1957: 19 July, 98–99; 16 Aug., 282–283; 27 Sept., 589

TUBING, PLASTIC

U.S. Stoneware
1956: 26 Oct., 854; 16 Nov., 992; 14 Dec., 1221
Nalge Co., Inc.
1956: 16 Nov., 996
1957: 15 Mar., 514; 19 July, 136

VACUUM DRY BOX

Blickman, S., Inc.
1957: 15 Feb., 323; 23 Aug., 331

VACUUM GAUGE

National Research Corp., NRC Equipment Corp.
1956: 26 Oct., 832
1957: 15 Feb., 315; 6 Sept., 462
Smith, Arthur F., Co.
1957: 27 Sept., 593

VALVES

Phipps & Bird, Inc.
1957: 15 Feb., 262

VISCOMETERS

Fisher Scientific Co.
1956: 26 Oct., 835
Polarad Electronics Corp., Scientific Instruments Div.
1956: 26 Oct., 750; 16 Nov., 1003; 7 Dec., 1116
1957: 2 Aug., 225

WARBURG APPARATUS

Will Corp., Bronwill Scientific Div.
1957: 3 May, 899; 7 June, 1165; 6 Sept., 463

WARING BLENDOR

Waring Products Corp.
1957: 15 Mar., 515; 3 May, 866

WATER BATH

Sargent, E. H., & Co.
1957: 9 Aug., 234

WAXES

Biddle, James G., Co.
1956: 14 Dec., 1227
1957: 8 Mar., 461; 13 Sept., 524

WEIGHTS

Ainsworth, Wm., & Sons, Inc.
1956: 5 Apr., 659

X-RAY EQUIPMENT

Jarrell-Ash Co.
1956: 26 Oct., 764
Philips Electronics, Inc., Instruments Div.
1957: 6 Sept., 427; 20 Sept., 583; 11 Oct., 719

ZONE MELTING APPARATUS

Research Specialties Co.
1957: 27 Sept., 627

ADVERTISERS APPEARING IN "THE MARKET PLACE" SECTION OF *SCIENCE*, 26 OCTOBER 1956 THROUGH 18 OCTOBER 1957

Abrahams Magazine Service
56 E. 13 St., New York 3, N.Y.

Albino Farms
P.O. Box 331, Red Bank, N.J.

American-Lincoln Incubator Co.
645 Somerset St., New Brunswick, N.J.

Applied Science Laboratories, Inc.
140 N. Barnard St., State College, Pa.

Armer Enterprises
Croton Falls, N.Y.

Armour and Co., Research Div.
Chicago 9, Ill.

Astronomy Charted
33 Winfield St., Worcester 10, Mass.

Autonomos Instruments
244 E. Royal Forest Blvd.,
Columbus 14, Ohio

Bellewood Farm
Englishtown, N.J.

Best's Studio, Inc.
Box 455, Yosemite National Park, Calif.

Bio-Rad Laboratories
800 Delaware St., Berkeley, Calif.

Budd Mt. Rodent Farm
R.R. #1, Chester, N.J.

Canner, J. S., Inc.
46 Millmont St., Boston 19, Mass.

Charles River Breeding Laboratories, Inc.
P.O. Box P, Brookline 46, Mass.

Don Travel Service
2308 Telegraph Ave., Berkeley 4, Calif.

Electro-Medical Laboratory, Inc.
South Woodstock, Vt.

Endocrine Laboratories of Madison, Inc.
5001 W. Beltline Highway,
Madison 1, Wis.

Esbe Laboratory Supplies
459 Bloor St., W., Toronto, Canada

Exposition Press
386 Fourth Ave., New York 16, N.Y.

Ficklen, Joseph B., III
1848 E. Mountain St., Pasadena 7, Calif.

Folkway Records & Service Corp.
117 W. 46 St., New York 36, N.Y.

Food Research Laboratories, Inc.
48–14 33 St., Long Island City 1, N.Y.

Gilson Medical Electronics (GME)
714 Market Place, Madison 5, Wis.

Gurley, W. & L. E.
Troy, N.Y.

Heffer, W., & Sons Ltd.
Petty Curry, Cambridge, England

Hoeltge Bros., Inc.
1919 Gest St., Cincinnati 4, Ohio

Holter, A. W., Hardware Co.
113 N. Main St., Helena, Mont.

Holtzman Rat Co.
Route 4, Badger Lane, Madison 5, Wis.

Hormone Assay Laboratories, Inc.
8159 S. Spaulding Ave., Chicago 29, Ill.

Hubbs, Charles F., and Co.
53–01 11 St., Long Island City 1, N.Y.

Human Factors Research Bureau
4201 Military Rd., N.W.,
Washington 15, D.C.

Huntingdon Farms, Inc.
2548 N. 27 St., Philadelphia 32, Pa.

Immunological Specialties, Inc.
Box 24572, Los Angeles 24, Calif.

Isotopes Specialties Company, Inc.
P.O. Box 688, Burbank, Calif.

Ithaca Dog Farm
R.R. #1, Ithaca, N.Y.

Johnson, Walter J., Inc.
111 Fifth Ave., New York 3, N.Y.

Kay-Fries Chemicals, Inc.
180 Madison Ave., New York 16, N.Y.

LaMotte Chemical Products Co.
Chestertown, Md.

LaWall & Harrison
1921 Walnut St., Philadelphia 3, Pa.

Medical Photography & Art Service
5354 Dixie Highway, Louisville 16, Ky.

Microbiological Laboratory
3821 S. Vermont Ave.,
Los Angeles 37, Calif.

Microchemical Specialties Co.
1834 University Ave., Berkeley 3, Calif.

Millerton Research Farm, Inc.
Rudd Pond Rd., Millerton, N.Y.

National Press, Inc.
435 Alma St., Palo Alto, Calif.

National Scientific Instrument Co.
119 Chambers St., New York 7, N.Y.

Nelson Company
7810 Greenwood Ave.,
Washington 12, D.C.

New Drug Institute
130 E. 59 St., New York 22, N.Y.

Nuclear Chemical Co.
1952 W. Irving Park Rd., Chciago 13, Ill.

Optical Research, Inc.
9 E. 40 St., New York 16, N.Y.

Pageant Press
101 Fifth Ave., New York 3, N.Y.

Palo Laboratory Supplies, Inc.
81 Reade St., New York 7, N.Y.

Precision Edge Laboratory
1425 Madison Ave., New York 29, N.Y.

Precision Scientific Co.
3739 W. Cortland St., Chicago 47, Ill.

Rolfsmeyer, Dan, Co.
Route 3, Syene Rd., Madison 5, Wis.

Rudolph, O. C., & Sons
P.O. Box 466, Caldwell, N.J.

Shankman Laboratories
2023 Santa Fe Ave., Los Angeles 21, Calif.

Sobotka, Eric, Co.
100 W. 42 St., New York 36, N.Y.

Soil and Health Foundation
46 S. West St., Allentown, Pa.

Sprague-Dawley, Inc.
P.O. Box 2071, Madison 5, Wis.

Stokeley-Peterson, Inc.
P.O. Box 1254, Madison 1, Wis.

Taconic Farms
Germantown, N.Y.

Target: Earth
517 Tulip Rd., State College, Pa.

Technical Instrument Co.
122 Golden Gate Ave.,
San Francisco 2, Calif.

Technology Press of M.I.T.
Cambridge 39, Mass.

Truesdail Laboratories, Inc.
4101 N. Figueroa St.,
Los Angeles 65, Calif.

University of Oregon Publications
Eugene, Ore.

Utility Supply Co.
641 W. Lake St., Chicago 6, Ill.

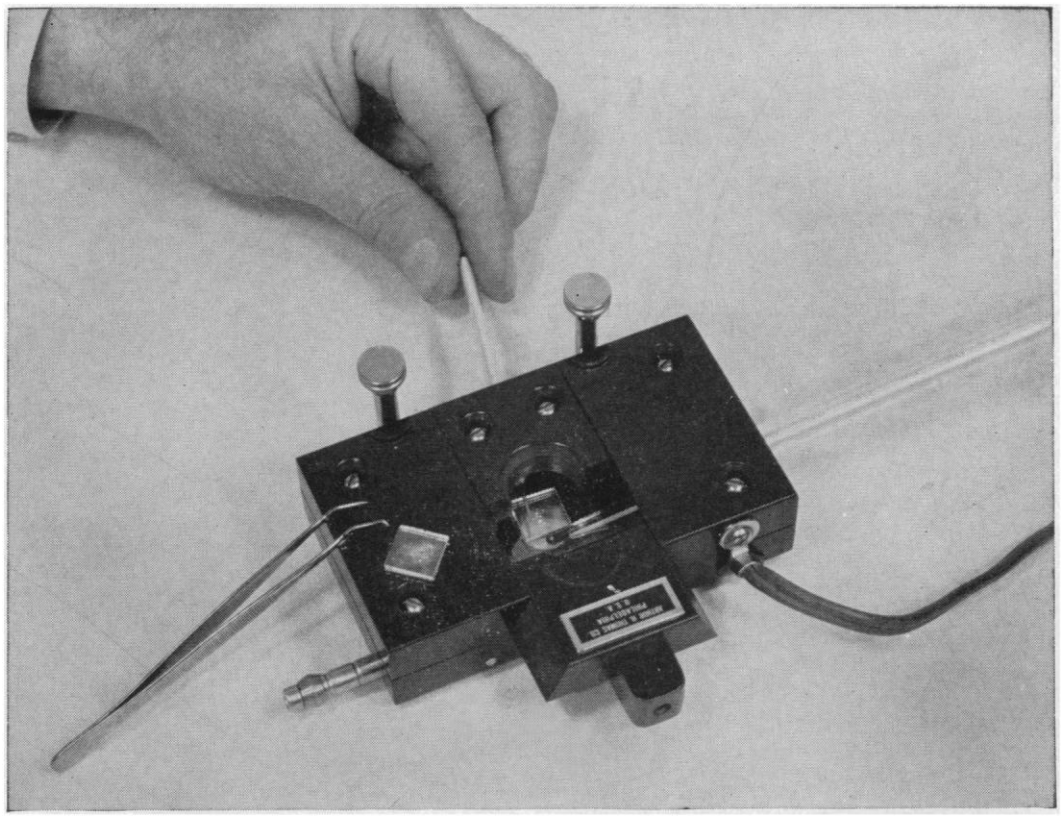
Van Nostrand, D., Co., Inc.
120 Alexander St., Princeton, N.J.

Vantage Press, Inc.
120 W. 31 St., New York 1, N.Y.

Volk Radiochemical Co.
5412 N. Clark St., Chicago 40, Ill.

Wisconsin Alumni Research Foundation
P.O. Box 2217, Madison 1, Wis.

Wyble Engineering Development Corp.
P.O. Box 223, Silver Spring, Md.



Thomas-McCRONE MICRO COLD STAGE

For use in micro fusion studies over the range —100° C to +70° C

MICRO COLD STAGE (Micro Melting Point Apparatus), Thomas-McCrone Thermometer Reading Model. Based on the design described by Walter C. McCrone and S. M. O'Bradovic in *Analytical Chemistry, Vol. 28, No. 6 (June, 1956) p. 1038.* With built-in heating unit to provide close temperature control within a working range of −100°C to +70°C when using dried, cooled nitrogen gas.

Of phenolic plastic and with two adjustable feet for attachment to the stage of a microscope in place of stage clips. The bevelled cut-out in top of stage takes a standard 10× objective. Simplified for convenient insertion of sample and reproducible placement of interchangeable, low temperature thermometers.

Heating is by means of a Pyrex brand E-C Radiant Glass plate. Voltage on the heating unit should not exceed 80 volts and a Variable Transformer, with mechanical stop to limit output voltage within the range 0 to 80 volts, is included with the Stage.

The manipulator rod for seeding, moving the glass test plate and similar operations, is inserted into the working chamber through a ball joint. Thermometers are inserted from the side.

In use, a stream of inert gas, precooled to a temperature below the expected melting point, is passed over the sample and escapes from the stage through a small annular space around the objective. Practically all moisture is removed from the gas stream in a simple Cooling Device. Condensation of moisture and possible icing of the objective is thus minimized.

6892-G. Micro Cold Stage (Micro Melting Point Apparatus), Thomas-McCrone Thermometer Reading Model, as above described, with manipulator rod; two thermometers; extra E-C Radiant Glass heating unit; Powerstat voltage transformer; and 6-ft. cord and plug. For use on 115 volts, 60 cycles, a.c. only..... **179.25**

6893-N. "Fusion Methods In Chemical Microscopy," by Walter C. McCrone *(Interscience Publishers, Inc., 1957).* Contains approximately 328 pages, 158 illustrations and 23 tables, and includes techniques for Thomas-McCrone Cold Stage..... **6.75**

More detailed information sent upon request.

QUALITY AND SERVICE
A.H.T.CO.
PHILA., U.S.A.
LABORATORY APPARATUS

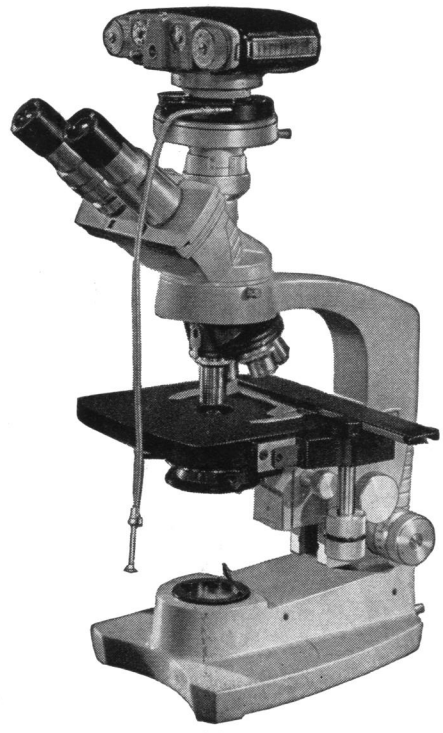
ARTHUR H. THOMAS COMPANY

More and more laboratories rely on Thomas / Laboratory Apparatus and Reagents

VINE ST. AT 3RD • PHILADELPHIA, PA.

2 COMPLETELY **NEW** LINES

BY AMERICAN OPTICAL COMPANY



MICROSTAR

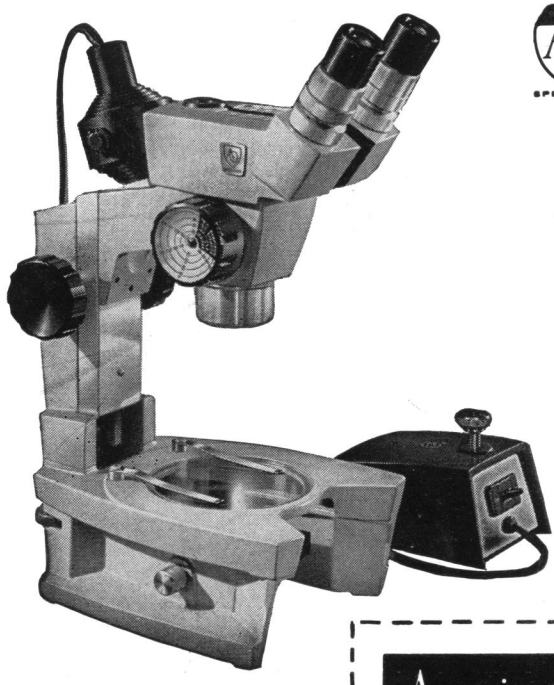
LABORATORY MICROSCOPES

Outstanding Features:

- Advanced styling and design
- Interchangeable and reversible bodies
- Rigid, well balanced arm
- Focusable stages . . . Variable autofocus
- Wide selection of mechanical stages
- Dual cone revolving nosepieces
- Zone of convenience
- Built-in base illuminator
- Top quality optics
- New EPOXY finish

Plus –

Wide variety of accessories and alternate parts . . . readily interchangeable to meet future needs.



CYCLOPTIC

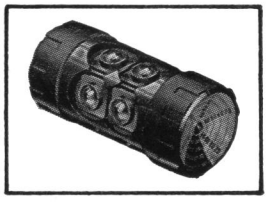
STEREOSCOPIC MICROSCOPES

Outstanding Features:

- True three-dimensional erected image
- Top quality optics . . . low reflection coated
- Reversible and inclined body
- Long working distance
- Large field of view
- Wide range of magnifications
- Broad selection of models
- Dove-gray EPOXY finish
- New Cyclospot Illuminator
- LOW PRICE

Plus –

Revolutionary MAGNI-CHANGER . . . desired magnifications simply "dialed in"!



American Optical Company

INSTRUMENT DIVISION, BUFFALO 15, NEW YORK

Dept. V-4

Gentlemen:

- ☐ Please rush new CYCLOPTIC brochure SB 56
- ☐ Please rush new MICROSTAR brochure SB 124

Name_____

Address_____

City_____ Zone____ State_____

DEFENSE PRODUCTS PLANT • KEENE, NEW HAMPSHIRE