

For your convenience — short "refreshers" on last month's ads. Follow directions on page 83 A to obtain free information on products and services described

EQUIPMENT AND INSTRUMENTS

Absorption Cells. Circle 74A for complete information on Klett glass absorption cells. Klett Mfg. Co., 177 E. 87th St., N. Y., N. Y. **74A**

Analyzers. Circle 53A for informative brochure on the Schlumberger nuclear magnetic resonance analyzer used in research and control. Schlumberger Well Surveying Corp., Ridgefield, Conn. **53A**

Analyzers, Gas. Catalog available on "Gow-Mac" thermal conductivity gas analyzers used for gas purity, gas mixing and process control. Gow-Mac Instrument Co., 100 Kings Rd., Madison, N.J. **91A-4**

Analyzers, Moisture. Information available on model W electrolytic analyzer that measures water content better than 1 part per million. Available in explosion-proof and non-explosion-proof constructions. Manufacturers Engineering & Equipment Corp., 10 Sunset Lane, Hatboro, Pa. **88A-1**

Analyzers, Oxygen. Complete technical literature available on conductometric oxygen analyzer. Determines oxygen in steel, titanium, tungsten and other metals and alloys. Laboratory Equipment Corp., 2003 Hilltop Rd., St. Joseph, Michigan **77A-1**

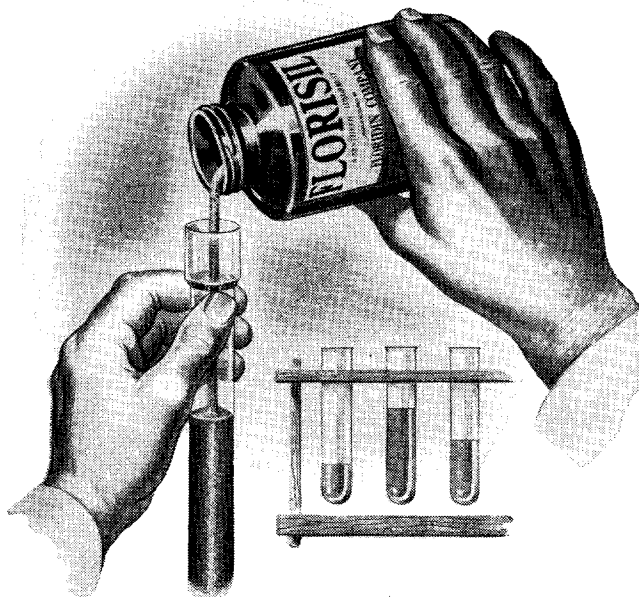
Balances. Circle 10A for complete file on Mettler balances. Company's balances are cited as being based on the principle of weighing by substitution. Mettler Instrument Corp., Hightstown, N. J. **10A**

Balances. Information available on 4 balances: model RX-1 (Capacity: 120 gm. Sensitivity: 2 mg), model IL-7 (Capacity: 2 kilo. Sensitivity: 50 mg), model IL-5 (Capacity: 500 gm. Sensitivity: 15 mg), and model LA-3 (Capacity: 200 gm. Sensitivity: 5 mg). The Torsion Balance Co., Clifton, N. J. **47A**

(Continued on page 88 A)

Florisil

is a highly selective adsorbent...
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A hard, porous, white granular synthetic adsorbent, produced in a variety of mesh classifications, Florisil is being successfully used in the most difficult separations of organic compounds.

Originally recognized for chromatographic adsorption, Florisil is finding a variety of uses in research and manufacture.

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Diluents



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For further information, circle number 87 A on Readers' Service Card, page 83 A



**GC-22
SUPER-SUPPORT**

**assures precision
in
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No critical pressure drops

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New standard of material uniformity

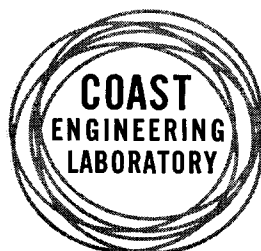
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GC-22 is the first column support material engineered to meet the rigid specifications of gas chromatography.

Using Johns-Manville C-22 Firebrick, the material is pulverized and wet screened, by a unique new method, to a Tyler Standard 42/60. Other screen sizes available on order.

Distributors in all principal cities.



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further
information
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16-14th STREET
HERMOSA BEACH,
CALIFORNIA

Circle No. 88 A on Readers' Service Card, page 83 A

88 A • ANALYTICAL CHEMISTRY

Product Capsules

Balances. Circle 52A-2 for bulletin on triple beam balance. Sensitivity: .01 gram. Capacity: 311 gram. Ohaus Scale Corp., 1050 Commerce Ave., Union, N. J. **52A-2**

Balances. Illustrated literature features model 722 balance in 8 capacities. Circle 64A. August Sauter of N. Y., Inc., 866 Willis Ave., Albertson, L. I., N. Y. **64A**

Balances. 4-page bulletin available on the new Christian Becker model NA-1 single pan, semi-automatic balance. Capacity: 200 grams. Sensitivity: 1 mg. Readability: .05 mg. Harshaw Scientific, Div. of the Harshaw Chemical Co., Cleveland 6, Ohio. **IBC**

Balances. New Sartorius projecta ultra rapid balance is used for weighing to 1 mg. Capacity: 200 grams. C. A. Brinkmann & Co., Inc., Cutter Mill Rd., Great Neck, L. I., N. Y. **75A-2**

Balances, Thermo-Recording. Bulletin available on the Stanton thermo-recording balance that heats, weighs and records simultaneously. Sensitivity: 1 mg. Burrell Corp., 2223 5th Ave., Pittsburgh 19, Pa. **73A**

Blenders. Circle 94A for catalog that contains profusely illustrated, step-by-step demonstrations of 4 laboratory blenders: standard, liquid-solids, intensifier, and yoke model. The Patterson-Kelley Co., Inc., 1003 Hanson St., E. Stroudsburg, Pa. **94A**

Borers. Bulletin available on the Sargent electric power boring machine that insures parallel alignment of borings. Machine is compact, portable and balanced. E. H. Sargent & Co., 4647 W. Foster Ave., Chicago 30, Ill. **67A**

Carbon Determinators. Bulletin available on volumetric carbon determinator that determines carbon content of all iron and steel, including stainless and heat resisting alloys. Lindberg Laboratory Equipment Div., Lindberg Engineering Co., 2440 W. Hubbard St., Chicago 12, Ill. **93A-1**

Centrifuges. Bulletin available on table model angle centrifuge. Speeds to 17,000 rpm. 34,390 x G. Capacity: 400 ml. Completely instrumented. Chicago Apparatus Co., 1735 N. Ashland Ave., Chicago 22, Ill. **76A-2**

Centrifuges. Bulletin available on the SS-3 automatic push-button superspeed centrifuge. Up to 17,000 rpm. 34,000 x G. Ivan Sorvall, Inc., Norwalk, Conn. **80A**

Chromatographic Centrifuges. The "Chromatofuge" can be used for either 1 dimensional or 2 dimensional work. As many as 25 different separations can be run simultaneously. The "Electro-Chromatofuge" makes chromatographic and electrophoretic separations independently, in sequence, or simultaneously. Circle 51A for descriptive brochure. Scientific Glass Apparatus Co., Inc., Bloomfield, N. J. **51A**

Chromatographic Centrifuges. Circle 32A for information on chromatographic centrifuge that provides variable speeds from 300 rpm to 1,550 rpm. Handles paper up to 35 cm in diameter. Precision Scientific Co., 3725 W. Cortland St., Chicago 47, Ill. **32A**

Chromatographic Centrifuges. Detailed information available on 2 new "Labline" separators that cut testing time from hours to minutes. N. Y. Laboratory Supply Co., 76 Varick St., N. Y. 13, N. Y. **75A-1**

Colorimeters. Circle 14A for catalog on B & L "Spectronic 20" colorimeter. Instrument provides accurate readings at any wavelength in the 340 m μ -950 m μ range. Band pass only 20 m μ . Bausch & Lomb Optical Co., 60927 St. Paul St., Rochester 2, N. Y. **14A**

Colorimeters. Complete information available on differential colorimeter that makes complete color measurements in less than 30 seconds. Manufacturers Engineering & Equipment Corp., 10 Sunset Lane, Hatboro, Pa. **89A-2**

Constant Temperature Bath Controller. A self contained unit incorporating all components required for maintaining open water baths at temperatures to 90° C, and for circulating water to external apparatus at a rate of 1 $\frac{1}{4}$ quarts per minute at 1 $\frac{1}{2}$ foot head. Arthur H. Thomas Co., Vine St. at 3rd, Philadelphia 5, Pa. **66A**

Densitometers. Bulletin available on densitometer for partition chromatography and paper electrophoresis. Photovolt Corp., 95 Madison Ave., N. Y. 16, N. Y. **62A-2**

(Continued on page 90 A)

Product Capsules

Drench Showers. Details and illustrated literature available on drench showers and eye-wash fountains. Haws Drinking Faucet Co., 1443 4th St., Berkeley 10, Calif. **55A**

Electrodes, Spectrographic. Circle 16A for samples and information on preformed electrode designs for spectrochemical analysis of solutions. United Carbon Products Co., Inc., Box 269, Bay City, Mich. **16A**

Flask Heaters. Catalog available on heater with interchangeable monel mesh baskets that accommodate several different flask sizes. Thermo Electric Mfg. Co., 478 Huff St., Dubuque, Iowa. **77A-2**

Flowmeters. Bulletin available on predictability flowmeters with guards. Instrument enables the calculation of the calibration curve directly. The Emil Greiner Co., 20-26 N. Moore St., N. Y. 13, N. Y. **3A**

Fluorimeters. Klett fluorimeters are designed for the rapid and accurate determination of thiamine, riboflavin, and other substances which fluoresce in solution. Klett

Mfg. Co., 179 E. 87 St., N. Y., N. Y. **86A-3**

Fluorometers. Circle 93A-2 for bulletin on photoelectric fluorometer that provides precise measurement for concentrations in micro or macro volumes. Farrand Optical Co., Inc., Bronx Blvd. & E. 238 St., N. Y. 70, N. Y. **93A-2**

Glassware. Circle 7A for copy of 350-pg. labware catalog. Features 8,500 pieces of "Pyrex" borosilicate lab glassware. New listing method and color-coding make company's new catalog easy to use. Corning Glass Works, 72-3 Crystal St., Corning, N. Y. **7A**

Glassware. "Lab-Crest" stopcock-equipped lab glassware eliminates lubrication, leakage, and freezing. Circle 58A for catalog. Fischer & Porter Co., 1538 County Line Rd., Hatboro, Pa. **58A**

Glassware. Circle 18A for catalog containing complete information on distillation glassware. Ace Glass Inc., Vineland, N. J. **18A**

Glassware Circle 21A for 16-page,

2-color booklet explaining in detail the economics involved in the purchase of laboratory glassware. Doerr Glass Co., Vineland, N. J. **21A**

Glassware. 234-pg. catalog contains complete information on Kontes outer ground joints. Kontes Glass Co., Vineland, N. J. **40A**

Glassworking Lathe. Circle 82A-1 for catalog and copy of manual "Glass Blowing on the Glass Lathe." Bethlehem Apparatus Co., Inc., Hellertown, Pa. **82A-1**

Glove Boxes. Detailed catalog available on controlled atmosphere box: a low-cost "laboratory" for hazardous or high purity materials. Kewaunee Mfg. Co., 5090 S. Center St., Adrian, Mich. **95A-1**

Heaters. Circle 24A-1 for catalog on new and improved line of "Briskeat" heating jackets. Circle 24A-2 for brochure on "Briskeat" drum heaters. Circle 24A-3 for brochure on custom fabricated heating blankets. Briscoe Mfg. Co., Columbus 3, Ohio. **24A-1,2,3**

(Continued on page 91 A)

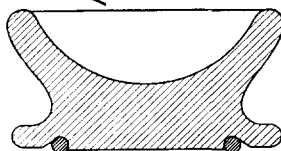
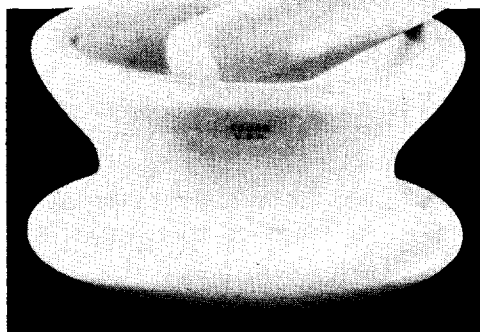
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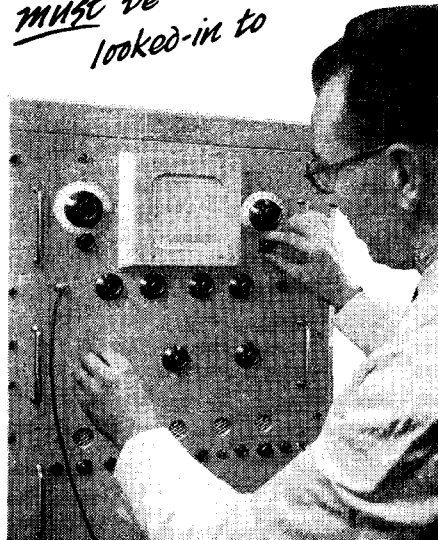


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GOLDEN, COLORADO

For further information, circle number 90 A on Readers' Service Card, page 83 A

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**EQUIPMENT FOR CALCULATION
AND ANALYSIS**

Circle No. 91 A-1 on Readers' Service Card, page 83 A

Product Capsules

Heating Mantles. Specifications and prices available on "Glas-Col" heating mantle constructed of all-glass fabric. Designed for maximum of 450° C operation. Standard Scientific Supply Corp., 808 Broadway, N. Y. 3, N. Y. **72A-1**

Kjeldahl Apparatus. "Labconco" kjeldahl units feature electrical distribution panel, automatic digestion timer, hooded unit, easy adjustment of distillation heaters and exclusive fume disposal system. Laboratory Construction Co., 8811 Prospect, Kansas City, Mo. **71A**

Laboratory Apparatus. Circle 36A for copy of the new Will "7" catalog. "Speedexed" and thumb indexed. Contains reference and comparison charts. Will Corp., Rochester 3, N. Y. **36A**

Laboratory Equipment. Circle 33A for information on company's complete line of laboratory equipment. Precision Scientific Co., 3725 W. Cortland St., Chicago 47, Ill. **33A**

Laboratory Furniture. Brochure available on "Moduline" unitized steel furniture cited as being flexible in function and arrangement, permanent in its all-welded construction and economical in initial cost and upkeep. Aloe Scientific, Div. of A. S. Aloe Co., 5655 Kingsbury, St. Louis 12, Mo. **56A-1**

Laboratory Furniture. New 180-pg. catalog available on modern, functional furniture for industrial, educational, institutional and hospital use. Metalab Equipment Co., 252 Duffy Ave., Hicksville, L. I., N. Y. **52A-1**

Laboratory Furniture. 28-pg. catalog and planning guide on "Unitized" furniture. Dimensions and photos of every unit. Fisher Scientific Co., 100 Fisher Bldg., Pittsburgh 19, Pa. **85A**

Labware. Bulletin available on "Vitrosil" fused quartz tubing, crucibles, retorts, muffles, dishes, tanks, pots, and trays. Thermal American Fused Quartz Co., Inc., 18-20 Salem St., Dover, N. J. **42A**

Manipulators. Circle 12A for information on model 7 master-slave manipulator that features lightweight portability and precise, easy operation. Central Research Laboratories, Inc., Red Wing, Minn. **12A**

(Continued on page 92 A)

Chromatographic Grade AMBERLITE[®] Ion Exchange Resins

AMBERLITE CG-120 (Na)

Type I*, II**, III***

—strongly acidic cation exchange resin deriving activity from sulfonic acid groups.

Application: Inorganic separations, Rare earths, B vitamins, Peptides, Amino acids

AMBERLITE CG-50 (H)

Type I*, II**, III***

—weakly acidic cation exchange resin deriving activity from slightly ionized carboxylic-acid groups.

Application: Transition elements, Amino acids, Flavanoids, Organic bases, Antibiotics

AMBERLITE CG-45 (OH)

Type I*, II**

—weakly basic anion exchange resin deriving activity from primary, secondary and tertiary amine groups.

Application: Amino Acids, Aliphatic and aromatic acids, Metal coordinate complexes, Vitamins

AMBERLITE CG-400 (Cl)

Type I*, II**

—strongly basic anion exchange resin deriving activity from quaternary amine groups. Supplied as the chloride salt.

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*Type I resin (100-200 mesh) suited for separation of materials differing appreciably in chemical properties. In such cases the particles are small enough to permit sharp separation, but coarse enough to permit a reasonably fast flow rate.

**Type II resin (200-400 mesh) suited for separation of materials related closely chemically, where sharp separations can only be achieved by using adsorbents of extremely small particle size.

***Type III resin (400-600 mesh) available in AMBERLITE CG-120 and CG-50 because of their specific utility in separating and identifying components of complex amino acid mixtures. All meshes are U. S. Standard Screens.

Laboratory quantities (25 lbs. or less) of AMBERLITE Chromatographic Grade ion exchange resins available exclusively through local offices of:

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Chemicals for Industry

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Washington Square, Philadelphia 5, Pa.

Representatives in principal foreign countries

Circle No. 91 A-2 on Readers' Service Card, page 83 A

Product Capsules

Mixers. Circle 48A for illustrated bulletin featuring electric or air driven units, single or variable speeds, explosion-proof motor; gear or direct drive; and other mixer accessories. Mixing Equipment Co., Inc., 160-C Mt. Read Blvd., Rochester 11, N. Y. **48A**

Mixers. Information available on new electronic controlled lab mixer that provides variable speed at full dc torque from ac lines. Gerald K. Heller Co., 1819 Industrial Rd., Las Vegas, Nev. **77A-3**

Nuclear Instruments. Circle 46A for new catalog that covers the broad spectrum of nuclear instruments, equipment and procedures. Tracerlab, 1603 Trapelo Rd., Waltham 58, Mass. **46A**

Nuclear Instruments. Circle 50A for information on four reactor instruments available for immediate delivery: logarithmic count rate meter, linear amplifier, single channel analyzer, and hi-speed scaler. The Victoreen Instrument Co., 5806 Hough Ave., Cleveland 3, Ohio. **50A**

Nuclear Equipment. Circle 29A-1 for technical bulletin on vacuum dry box for work in a controlled atmosphere. Circle 29A-2 for bulletin on fume hood for safe handling of radioactive materials. Blickman, Inc., 9603 Gregory Ave., Weehawken, N. J. **29A-1,2**

Ovens. Bulletin available on vacuum oven. Capacity: 12" sq. x 19" deep. 2 adjustable shelves. Temperature range: room to 200° C. National Appliance Co., 7634 S. W. Capitol Hwy., Portland 19, Ore. **79A**

pH Meters. Descriptive literature available on the pH M 22. Model is ac line operated and designed for general laboratory use inclusive of electrometric titrations. No zero drift. Accuracy .01 to .05 pH with reproducibility down .002 pH. Welwyn International Inc., 3355 Edgecliff Terrace, Cleveland 11, Ohio. **49A**

pH Meters. Bulletin available on complete line of battery and line-operated pH meters incorporating modern electronic tubes and circuits. Simple in operation and maintenance, featuring sealed am-

plifier plug-in units. Photovolt Corp., 95 Madison Ave., N. Y. 16, N. Y. **62A-1**

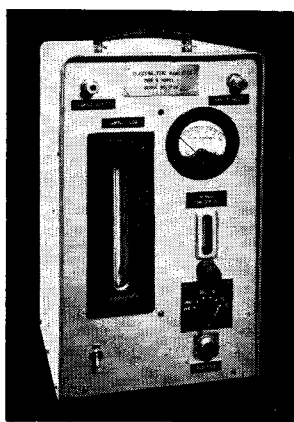
Photometers. Available is new bulletin with complete technical data on new absolute light-scattering photometer that determines weight, size and shape of: large molecules, polymers, and biological materials. American Instrument Co., Inc., 8030 Georgia Ave., Silver Spring, Md. **41A**

Pipet Fillers. New flexible bulb type pipet filler eliminates risks of mouth pipetting dangerous solutions. Holds set level indefinitely, fits any pipet, operates easily with one hand. Instrumentation Associates, 17 W. 60 St., N. Y. 23, N. Y. **91A-1**

Pipet Washers. Catalog available. Contains information on new model 3 "Nalgene" pipet rinsers, pipet baskets and pipet jars. The Nalge Co., Inc., Rochester 2, N. Y. **95A-2**

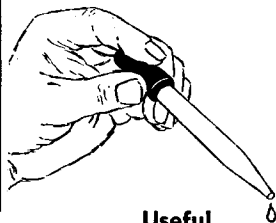
Plastic Tapes. Plastic "Write on it" marking tape sticks without moistening. Resists dirt, grease, water, and acids. Circle 76A-1 for sam-

(Continued on page 93 A)



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MOISTURE ANALYZER

**Measures water
content better than
1 part per
1,000,000!**



Useful
Applications:

- Analyzing "Freon" and Sulfur Dioxide refrigerants.
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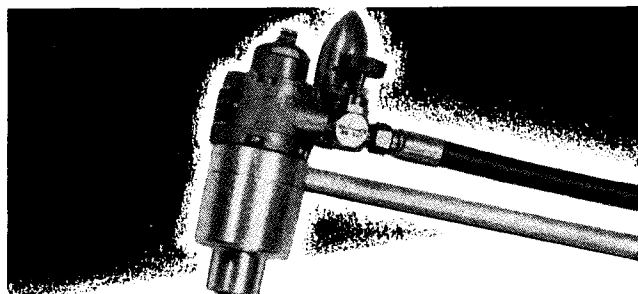
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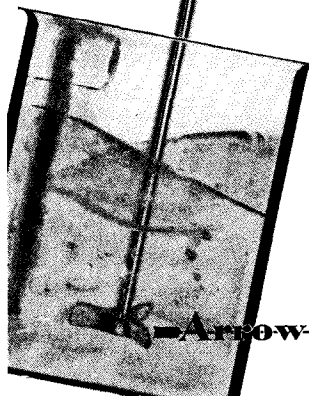
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Arrow Laboratory Stirrers
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"Type G" 7-1 Ratio 50 to 1200 rpm
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- Controlled variable speeds
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ples and prices. Labelon Tape Co., Inc., 450 Atlantic Ave., Rochester 9, N. Y. **76A-1**

Polarographs. Brochure available on the cathode-ray "Polarotrace." Provides speedy, direct or derivative operation. Direct reading from scale. Polarograms reproduced every 7 seconds. Southern Instruments Computer Div., Camberley, Surrey, England. **96A-3**

Porcelain Ware. Coors scientific and industrial ceramics are cited as providing maximum resistance to thermal shock, refractoriness and inertness to corrosive reagents. Coors Porcelain Co., Golden, Colo. **65A-1**

Porcelain Ware. 80-pg. catalog available on German laboratory porcelain. Kern Laboratory Supply Co., 6839 Venice Blvd., Los Angeles 34, Calif. **30A-1**

Radioactive Counters. Radioactivity analysis laboratory is composed of 3 different detectors and has the capacity to handle specialized analysis problems encountered in industrial research applications. Baird-Atomic, Inc., 33 University Rd., Cambridge 38, Mass. **70A**

Recorders. Bulletin available on variable-response recorder for densitometry in paper electrophoresis. Sensitivity adjustable from 10 to 200 millivolts. Photovolt Corp., 95 Madison Ave., N. Y. 16, N. Y. **62A-3**

Recorders. Bulletin available on the new Ainsworth automatic recording analytical balance for thermogravimetric analysis and investigation of evaporation, absorption, corrosion, oxidation and decomposition. Wm. Ainsworth & Sons, Inc., 2151 Lawrence St., Denver 5, Colo. **38A-1**

Recorders, Gamma Ray Spectrum. Technical bulletin available on automatic gamma ray spectrum recorder for activation analysis, shielding studies, flux patterns, isotopic isolation or short half-life decay research. BJ Electronics, Borg-Warner Corp., 3300 Newport Blvd., Santa Ana, Calif. **57A**

Shaker-Baths. Bulletin available on reciprocating shaker-baths that provide precise temperature control under varying conditions of agitation and aeration. New Brunswick Scientific Co., Box 606, New Brunswick, N. J. **91A-3**

Shaker-Baths. Bulletin available on temperature control water bath shaker that features adjustable speed, stroke, racks and temperature. Research Specialties Co., 2005 Hopkins St., Berkeley 7, Calif. **28A**

Spectrographic Graphite. "National" graphite grade SP-2 is accompanied by a "Statement of Purity" stating the trace-elements present. National Carbon Co., Div. of Union Carbide Corp., 30 E. 42nd St., N. Y. 17, N. Y. **78A**

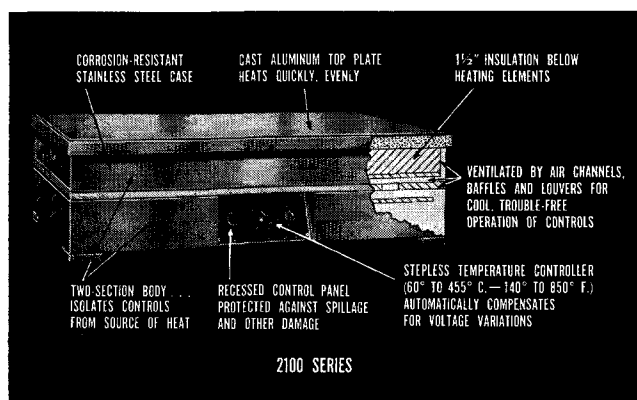
Spectrographs. 8-pg. catalog available on 3.4 meter convertible spectrograph for quality control and research analysis. Jarrel-Ash Co., 32 Farwell St., Newtonville, Mass. **82A-2**

Spectrometers. Circle 45A for full information on the new 60-megacycle Varian nuclear magnetic resonance spectrometer, available both as a straight high resolution instrument, and as a dual purpose unit. Instrument Div., Varian Associates, 611 Hansen Way, Palo Alto 4, Calif. **45A**

(Continued on page 94 A)

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... with fast-heating, versatile TEMCO Hot Plates for boiling, evaporations, etc.



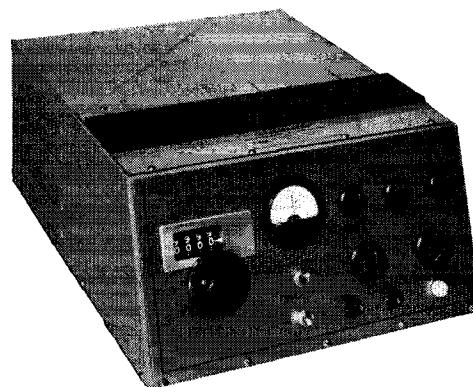
Here's the Hot Plate that processes your work precisely! Completely variable regulation of temperature between 60° and 455° C. (140° to 850° F.). Built-in controls hold temperature to extremely close limits, without variations due to line voltage changes. Economical to operate... current is "on" only half of the time to hold 260° C. (500° F.). Scientifically designed throughout to meet strict functional requirements. Two sizes: 12" x 12", 1500 Watts, and 12" x 24", 3000 Watts... both 7" high. \$72.50 and \$92.50. Write for new, free TEMCO catalog and name of nearest dealer.



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MAGNETIC STIRRING HOT PLATES
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Circle No. 93 A-1 on Readers' Service Card, page 83 A

COMPLETE COLOR MEASUREMENTS IN LESS THAN 30 SECONDS!



... with this Colormaster Differential Colorimeter

Features:

- Measures color transmission and reflectance of almost any substance.
- Ideal for use in process control applications of papers, textiles, paints, liquids, pigments, slurries, etc.
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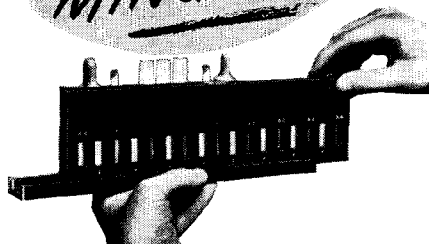
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CHLORINE
TESTS**

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Here's a really fast—and easy—way to make accurate colorimetric tests for pH, chlorine, phosphates, nitrates, etc. Lightweight, portable Taylor Comparators give you dependable, on-the-spot operational data in minutes . . . not hours! Help you control crystallization, bleaching, precipitation, extraction or waste treatment faster. Tests are made simply by placing the treated sample in the middle tube and moving the color standard slide across until the sample matches one of the standards. Values are then read directly from the slide.

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Product Capsules

Spectrometers, Mass. Circle 23A for complete details on the Bendix "Time-of-Flight" mass spectrometer. Usable adjacent mass resolution to 600 a.m.u. Each spectra covers 1 through 4,000 a.m.u. 10,000 mass spectra per second. Cincinnati Div., Bendix Aviation Corp., 3130 Wasson Rd., Cincinnati 8, Ohio **23A**

Spectrophotometers. Bulletin describes Coleman Junior spectrophotometers and their accessories. Instrument features simplicity of design, single dial wavelength selection over the full range of 400-700 mμ, and fixed band-width. Coleman Instruments, Inc., Maywood, Ill. **35A**

Spectrophotometers. Circle 27A for data file that provides complete story on the double-beam IR-5 and the single-beam IR-6 infrared spectrophotometers. Scientific Instruments Div., Beckman Instruments, Inc., 2500 Fullerton Rd., Fullerton, Calif. **27A**

Spectrophotometers. The low-cost P-E model 137 "Infracord" is a double beam spectrophotometer that features speed, convenience and ease of interpretation. Circle 54A for complete information. Instrument Div., Perkin-Elmer Corp., 750 Main Ave., Norwalk, Conn. **54A**

Spectrophotometers. Detailed specifications available on the PMQ II spectrophotometer made in West Germany. Measuring range 200 to 2500 mμ. Carl Zeiss, Inc., 485 5 Ave., N. Y. 17, N. Y. **56A-2**

Spectrophotometers. Bulletin available on the Cary model 11 recording spectrophotometer used for applications in the visible or ultraviolet range. Applied Physics Corp., 362 W. Colorado St., Pasadena 1, Calif. **31A**

Spectrophotometers. Circle 100A-1 for reprint, "Improving the Measurement of Weak Infrared Absorption Bands Using Expanded-Scale, Double-Beam Spectrophotometry," by V. J. Coates and Robert Anacreon. Circle 100A-2 for reprint, "The Analysis of Polymers by Infrared Spectroscopy," by H. H. Hausdorff. Instrument Div., Perkin-Elmer Corp., Norwalk, Conn. **100A-1,2**

(Continued on page 95A)

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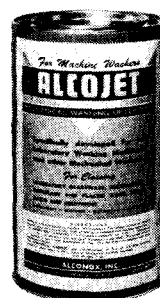
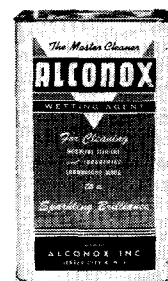
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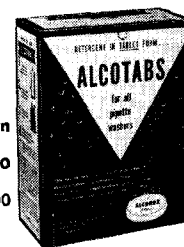


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Sulfur Determinators. 16-pg. catalog illustrates and describes both sulfur and carbon determinators and complete line of accessory equipment and supplies. Harry W. Dietert Co., 9330 Rosclawn, Detroit 4, Mich. **34A**

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Thermometers, Control. 4-pg. catalog available on YSI tele-thermometers, controllers, and sensing units. Yellow Springs Instrument Co., Inc., Yellow Springs, Ohio. **65A-2**

Titration. Information available on automatic recording titrator for simultaneous measurement and recording of variable and constant pH factors. Scientific Instruments Div., Polarad Electronics Corp., 43-20 34 St., Long Island City 1, N. Y. **26A-1**

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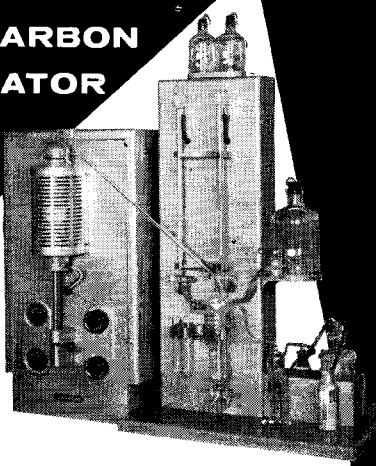
Vapor Fractometers. Automatic range control accessory for P-E model 154-C permits unattended operation, keeps big peaks on scale automatically. Circle 8A for new brochure. Instrument Div., Perkin-Elmer Corp., Norwalk, Conn. **8A**

Viscosimeters. Circle 88A-2 for bulletin on the Hoespler viscosimeter that operates on the falling ball principle and for bulletin on the Ubbelohde Viscosimeter that operates on the principle of the suspended level. Fish-Schurman Corp., 72 Portman Rd., New Rochelle, N. Y. **88A-2**

Water Curtain Enclosure. Information available on the "Misco" water curtain enclosure (for spraying chromatograms) that combats dangers to health and toxic sprays. Microchemical Specialties Co., 1834 University Ave., Berkeley 3, Calif. **89A-1**

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Books. Circle 96A-1 for information on "Modern Instruments in Chemical Analysis." 333 pages, 188 illustrations. Circle 96A-2 for "Process Instruments and Controls Handbook." 1383 pages, 1137 illustrations. McGraw-Hill Book Co., Dept. ANC-3, 327 W. 41 St., N. Y. 36, N. Y. **96A-1,2**

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