

23-26. Institute of Radio Engineers, natl. conv., New York, N.Y. (G. L. Haller, IRE, 1 E. 79 St., New York 21.)

29-3. Latin American Congress of Chemistry, 7th, Mexico D.F., Mexico.) R. I. Frisbie, Calle Ciprés No. 176, Zone 4, Mexico, D.F.)

30-1. American Orthopsychiatric Assoc., San Francisco, Calif. (M. F. Langer, 1790 Broadway, New York 19.)

30-12. Bahamas Medical Conf., 7th, Nassau. (B. L. Frank, 1290 Pine Ave., W. Montreal, Canada.)

31-2. Symposium on Millimeter Waves, 9th, New York, N.Y. (H. J. Carlin, Microwave Research Inst., 55 Johnson St., Brooklyn 1, N.Y.)

31-5. International Committee of Military Medicine and Pharmacy, 21st session, Paris, France. (Comité International de Médecine et de Pharmacie Militaires, Hôpital Militaire, 79, rue Saint Laurent, Liège, Belgium.)

## April

1-3. American Assoc. of Anatomists, Seattle, Wash. (B. Flexner, Univ. of Pennsylvania Medical School, Philadelphia 4, Pa.)

1-4. National Council of Teachers of Mathematics, Dallas, Tex. (H. T. Karnes, Dept. of Mathematics, Louisiana State Univ., Baton Rouge 3.)

1-4. National Science Teachers Assoc., 7th natl. conv., Atlantic City, N.J. (R. H. Carlton, NSTA, 1201 16 St., NW, Washington 6.)

1-4. Neurosurgical Soc. of America, Hot Springs, Va. (F. P. Smith, 260 Crittenden Blvd., Rochester 20, N.Y.)

1-29. World Meteorological Organization, 3rd session of congress, Geneva, Switzerland. (WMO, Campagne Rigot, 1, avenue de la Paix, Geneva.)

2-4. Association of American Geographers, 55th annual, Pittsburgh, Pa. (J. E. Guernsey, 9707 Parkwood Dr., Bethesda, Md.)

2-4. Association for Computing Machinery, Cleveland, Ohio. (J. Moshman, Corporation for Economic and Industrial Research, 1200 Jefferson Davis Highway, Arlington 2, Va.)

2-4. Optical Soc. of America, New York, N.Y. (S. S. Ballard, Scripps Institution of Oceanography, Univ. of California, San Diego 52.)

3-4. Eastern Psychological Assoc., Atlantic City, N.J. (C. H. Rush, Standard Oil Co. of New Jersey, Rockefeller Plaza, New York, N.Y.)

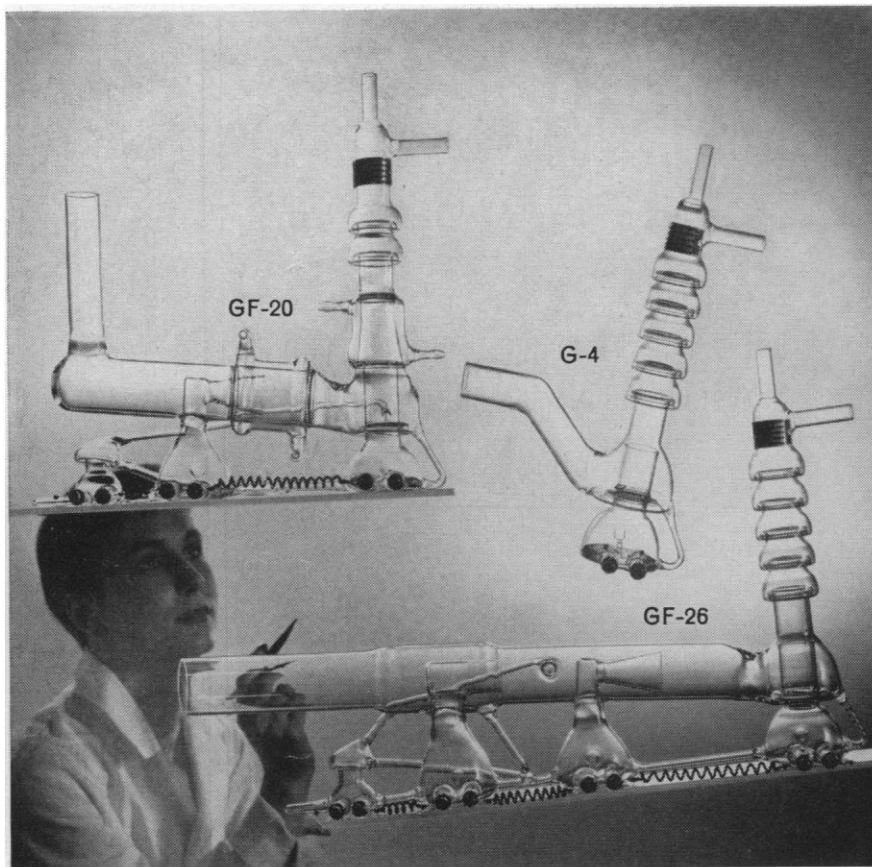
3-5. American Soc. for the Study of Sterility, Atlantic City, N.J. (H. H. Thomas, 920 S. 19 St., Birmingham 5, Ala.)

3-5. Cooper Ornithological Soc., Berkeley, Calif. (J. Davis, Univ. of California, Hastings Reservation, Jamesburg Route, Carmel Valley.)

5-9. American College of Obstetricians and Gynecologists, Atlantic City, N.J. (J. C. Ullery, 15 S. Clark St., Chicago 3, Ill.)

5-10. American Chemical Soc., 135th, Boston, Mass. (M. A. H. Emery, 18th and K St., NW, Washington, D.C.)

5-10. Nuclear Congress, Cleveland, Ohio. (S. Baron, Burns & Roe, Inc., 160 West Broadway, New York 13.)



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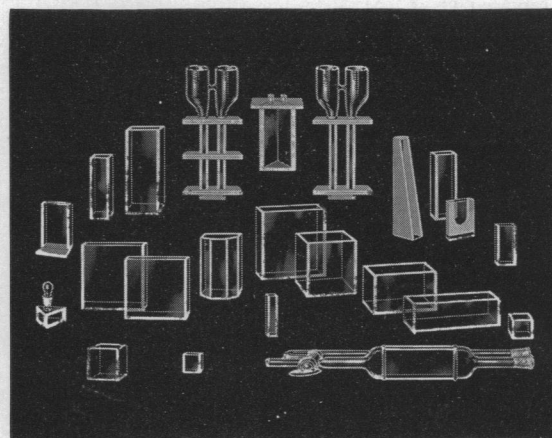
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# Equipment

*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. A coupon for use in making inquiries concerning the items listed appears on page 1590.*

■ **WATER-FLOW SWITCH** allows water-cooled chemical apparatus to be left unattended in safety. Cooling water flowing through the device produces a hydrostatic head that is used to actuate a diaphragm-type switch. Failure of flow cuts off power to the apparatus and actuates an alarm. A short time delay permits brief interruption of flow for adjustment purposes without actuating the safety device. (Instruments for Research and Industry, Dept. 536)

■ **POWER-SUPPLY** provides 0.002 percent regulation over the operating range 160 to 600 v and 0 to 100 ma. Ripple is 100  $\mu$ v. Internal impedance is less than 0.1 ohm for frequencies as high as 100 kcy/sec. Transient response is 0.001 msec. Ten-hour drift is typically  $\pm 0.05$  percent. (Krohn-Hite Corporation, Dept. 527)

■ **COLORIMETRIC POWER METER** measures power from 10 mw to 10 w full scale at any frequency from d-c to 10 kMcy/sec. Response time is less than 5 sec in all ranges. Nominal accuracy is  $\pm 5$  percent, but  $\pm 2$  percent performance is said to be obtainable in some operating circumstances. Power is read directly in watts. Operating controls are a meter-range switch and a zero-set control. (Hewlett-Packard Co., Dept. 528)

■ **TEMPERATURE INDICATOR** uses thermistors to indicate temperature at ten different points to  $\pm 0.1^\circ\text{C}$  accuracy. Range is  $60^\circ$  to  $90^\circ\text{C}$ . Indication is by a meter calibrated in  $0.2^\circ\text{C}$  graduations. Other ranges and coverage of more or fewer than 10 points can be provided. (Fenwal Electronics Inc., Dept. 538)

■ **LABORATORY SINK** is made of  $\frac{1}{8}$ -in. thick, high-temperature, high-density polyethylene. Inside dimensions are 15 by 20 by 8 in. A 1-in. flange surrounds the open top. A  $1\frac{1}{2}$ -in. flanged center sink trap provides drainage. (American Agile Corp., Dept. 541)

■ **SCALE-DRAWING MACHINE** is a hand-operated device that allows the redrawing of any electrical indicating instrument whose angular deflection is not greater than  $90^\circ$ . Thus electrical indication may be returned to original accuracy after repair or calibration. Purchase of the device includes a 40-hour in-plant course of instruction in its operation. (Sensitive Research Instrument Corp., Dept. 543)

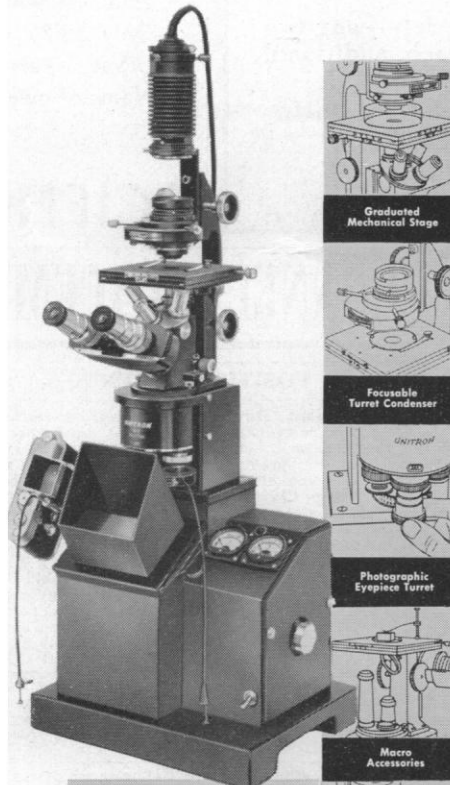
■ **WHEATSTONE BRIDGE** features accuracy of  $\pm 0.02$  percent for most measurements from 0 to 12,000 megohm. The lowest range has a resolution of 10  $\mu$ ohm per dial division. The range-switching circuit is designed so that switch contacts never appear in series with a low-resistance bridge arm. A ratio adjustment is provided for each range setting so that each range can be independently adjusted to a known reference standard. The variable resistance arm is a five-place decade rheostat initially adjusted to accuracy of  $\pm 0.005$  percent + one dial division. (Electro Measurements Inc., Dept. 539)

■ **FREQUENCY STANDARD** features stability better than 1 part in  $10^9$  for a 24-hour period. A two-stage oven keeps the crystal at a temperature at which it has zero temperature coefficient. Output frequencies of 1 Mcy and 100 kcy/sec at 1.0-v r.m.s across a 50-ohm load are produced. Frequency is adjustable over a range of  $\pm 5$  parts in  $10^8$ , readable to 1 part in  $10^{10}$ . The unit operates from a nominal 115-v, 60-cy/sec or a 26-v d-c source. (George W. Borg Corporation, Dept. 540)

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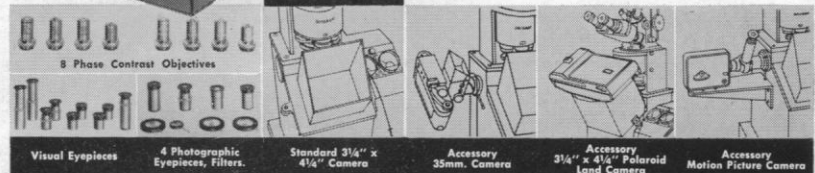
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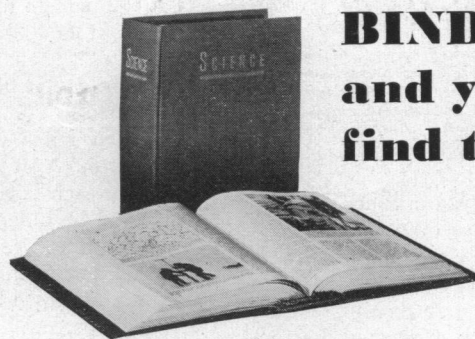
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*Shoreham	all 9.00	all 12.00	all 12.00	20.00-50.00
*Statler	all 10.00	all 14.00	all 14.00	24.00-30.00
*Washington	7.00- 8.00	11.00-12.50	11.00-12.50	24.50-45.00
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